APPENDIX D – LONG TERM WATER LEVEL MONITORING REPORT

Lockheed Martin Corporation
Tallevast Site
Long-Term Water Level Monitoring Report
June 2015 to June 2016
Tallevast, Florida

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October 10, 2016

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SECTION 1
Introduction

In the summer of 2008 Lockheed Martin Corporation (Lockheed Martin) began a program of continuous long-term water level monitoring (LTWLM) at its Tallevast, Florida site. The Lockheed Martin facility (Facility) is located at 1600 Tallevast Road in Sarasota, Florida. The Facility and the surrounding area of groundwater impacted by contaminants of concern (COCs) are collectively referred to as the Site. The LTWLM program includes instrumented wells both within and surrounding the Site. A map of the Site and surrounding area is provided as **Figure 1-1.** This report is presented as an appendix to the annual Remedial Action Status Report (RASR); more-detailed figures showing the Site, Facility, surface water bodies, well locations, and other features are provided in the annual RASR report.

1.1 GOALS AND OBJECTIVES

Measurements of groundwater elevation, such as those obtained during annual or quarterly monitoring events, provide a snapshot picture of groundwater flow. However, continuous monitoring significantly adds to the understanding of seasonal and climatic variations as well as the shorter-term impacts and effects of individual storm events, water supply pumping, and remediation system operations. The goals of the LTWLM program are:

1. Assist in assessing relationships and gradients between water-bearing zones on-Facility and off-Facility;
2. Display and help evaluate local groundwater elevation trends within water-bearing zones;
3. Identify and monitor nearby groundwater extraction influences;
4. Assist in identifying regional groundwater flow patterns and water level trends not due to the effects of local groundwater extraction;
5. Supplement the manually-measured water levels used in the main text of the RASR to evaluate the effectiveness and capture extent of the Remedial Action Plan Addendum (RAPA) system; and,

6. Provide data for numerical model calibration and updating.

The objective of this report is to present a review of data gathered from LTWLM conducted at the Site and in the surrounding area from June 2015 to June 2016. Changes to the monitoring network during this time period are noted in Section 2.2 of this report. This represents the 2015-2016 installment of annual LTWLM reports that will be submitted as described in the Remedial Action Plan Addendum (RAPA) submitted to the Florida Department of Environmental Protection (FDEP) on July 14, 2009, and approved by FDEP in a letter dated November 11, 2010.

SECTION 2

Monitoring Network

There are currently 307 monitoring and stilling wells at the Site that are available for monitoring. Of these, seven wells are located in wetlands and instrumented as part of the Wetlands Monitoring Program described in the RAPA (ARCADIS, 2009) and documented in the annual Wetlands Monitoring Report (AECOM, 2016). The RAPA specified that LTWLM would be performed at selected locations as part of effectiveness monitoring for the remedy (ARCADIS, 2009). The LTWLM network currently consists of 47 monitoring and stilling wells equipped with pressure transducers and located both on the Facility and in the surrounding area (see **Figure 1-1**). The furthest monitored well location is just over 2000 feet from the Facility boundary. The monitoring wells are grouped into well nests consisting of closely spaced wells that are each screened in a different water-bearing zone. The transducers are installed in selected surface water bodies as shown on **Figure 1-1** and in the following water-bearing zones, which are described in more detail in the main text of the 2014 Remedial Action Status Report (AECOM, 2014).

- Upper Surficial Aquifer System (USAS) – the uppermost, unconsolidated water-bearing zone, generally consisting of silica sand with variable clay content.
- Lower Shallow Aquifer System (LSAS) – the uppermost portion of the Intermediate Aquifer System (IAS) and of the Hawthorn Group, consisting of interbedded limestone, clay, and carbonate mudstone layers, located approximately 30 feet below ground surface (ft bgs) in the vicinity of the Site.
- Arcadia Formation (AF) Gravels – a laterally correlated, fractured carbonate unit located at about 100 ft bgs in the vicinity of the Site.
- Salt and Pepper (S&P) Sands – a laterally correlated quartz-rich sand unit that has moderate to high phosphatic content, located at approximately 145 ft bgs in the vicinity of the Site.
- Lower Arcadia Formation (AF) Sands – a laterally continuous, quartz-rich sand unit that is located below the zone of groundwater impacted by COCs. This is the deepest transmissive zone of the IAS, located approximately 280 ft bgs in the vicinity of the Site.

- Upper Floridan Aquifer System (Floridan) – the uppermost portion of a series of heterogeneous limestone and dolomite units with highly developed secondary porosity due to dissolution. The Floridan aquifer is first encountered approximately 350-400 ft bgs in the vicinity of the Site. The Hawthorn Group ends with the uppermost portion of the Upper Floridan Aquifer

Two barometric pressure transducers located at the Facility are also used to record barometric pressure data. Because barometric pressure adjustment is crucial to analyzing the water levels, two barometric pressure units are used to reduce the likelihood of missing data. In addition, if necessary, data from a barometric transducer installed as part of the wetlands monitoring program may be re-formatted for use with the LTWLM transducer data.

The monitoring program consists of quarterly data downloads and monitoring system maintenance, along with periodic review of the data. The following sections describe the selection of the LTWLM network wells, the monitoring equipment used, the maintenance of the transducers, and the efforts associated with data collection, management, validation, and assessment.

2.1 MONITORING EQUIPMENT

The LTWLM network utilizes Solinst® and In Situ® brand pressure transducers. The initial set of transducers selected for deployment in 2008 was comprised of both non-vented units (Solinst®) and vented units (In Situ®). A detailed discussion of the original transducer types is provided in the 2014 RASR Appendix F (AECOM, 2014). Currently, all transducers in the LTWLM network are non-vented and are suspended in the well below the water surface using monofilament line. The transducers must be removed from the wells for programming or data download. They are suspended far enough below the water surface that they will remain submerged under the groundwater conditions normally observed at that well but will not exceed their sensor pressure limit.

In addition to downhole pressure transducers, two other types of monitoring equipment are used. A hand-held water level meter accurate to 0.01 ft is used to measure the water level in the well just prior to downloading the transducers. Also, two barometric pressure transducers are located at the Facility, as noted above. These transducers provide the

barometric pressure data used to compensate the pressure measured by non-vented transducers for atmospheric pressure changes. The BaroTroll® (produced by In Situ®) is currently used for barometric compensation of LTWLM data due to its more conventional data format; the Barologger (produced by Solinst®) is used as backup.

2.2 SELECTION OF MONITORING LOCATIONS

Monitoring locations were selected based on known groundwater flow directions and proximity to known or suspected groundwater withdrawal from the IAS. Transducers were initially placed in seven clusters of monitoring wells. Later, two more clusters were added. The locations of the wells in the LTWLM network are shown on **Figure 1-1,** and well completion details are described in **Table 2-1**. Monitoring wells were selected from six different water-bearing zones for LTWLM to assess changing vertical gradients, horizontal gradients, on-facility and off-facility hydraulic influences, and localized groundwater/surface water interactions. Accessibility and spatial distribution were also considered when selecting locations for LTWLM. The rationale for monitoring well selection is discussed in detail in the 2014 RASR Appendix F (AECOM, 2014).

When necessary, the LTWLM program allows for modifications that are needed based on such factors as loss of accessibility and identification of enhanced capability for monitoring targeted aquifer units and/or locations. Such modifications are intended to preserve the layout of the LTWLM network, while also being able to enhance its capabilities strategically, as needed during remedial operations.

The RAPA LTWLM monitoring program as originally implemented at the time of RAPA submittal in 2009 now includes some modifications. Modifications up to June 2014 are described in the 2014 RASR Appendix F (AECOM, 2014). In addition, wells MW-183 through MW-187 were abandoned in November 2014, so the Highway 301 transducers were moved to wells MW-188 through MW-192 in June 2014 (AECOM, 2015). The following modification has been implemented during the June 2015 to June 2016 monitoring period:

- Stilling well SW-1R was replaced with SW-1R2 on April 8, 2016. The new survey data are provided in Table 2-1.

2.3 DATA COLLECTION

The data collection procedures include those associated with accessing the well, gauging the well, stopping the data collection, downloading the instrument, and setting up the transducer to record new data. A general summary of these procedures is provided below.

Prior to accessing the well the appropriate notifications are sent to the Tallevast community and/or property owner, as required. Upon arrival at the well the technician gauges the water level in the well and records it. The technician then removes the transducer from the well, downloads the data at the surface, and replaces the transducer in the well. Any problems that are noted during download (i.e., transducer damage or malfunction) are documented.

Downloaded data are stored on a laptop computer or handheld download device until the field technician reaches the office. Once in the office, the field technician transfers the data files and field notes to the Tallevast team for evaluation.

2.4 MONITORING NETWORK OPERATIONS AND MAINTENANCE

A total of 47 down-hole pressure transducers and two barometric pressure transducers are currently installed in long-term monitoring locations at the Site. The pressure transducers were programmed to record data on an hourly basis. Data from the transducers have been downloaded quarterly since that time.

Quarterly maintenance is performed on the transducers as needed and generally occurs at the same time as data download. Typically, the maintenance includes checking calibration if there appears to be a problem, raising or lowering the instrument in the well as needed based on changes in water levels, and replacing faulty transducers or cables. Over the course of the eight years of monitoring, from the end of May 2008 to June 2016, 53 instruments have required either repair or replacement with comparable instruments. Most instrument failures were due to reaching the end of battery life, since the instruments do

not have replaceable batteries. The instrument batteries were designed to last five to ten years, depending on data collection interval, so replacements were made as the instruments reached the end of their battery life. Information regarding transducer maintenance is generally transferred to the Tallevast team at the same time as downloaded data and field notes.

SECTION 3

Data Management and Processing

This section describes the data management, quality control, and analytical procedures applied to the LTWLM transducer data.

3.1 DATA MANAGEMENT

The purpose of the LTWLM data management procedures is to ensure that data gathered in the field is stored securely and accurately for future use.

Data collected in the field are assembled in transferable files and transmitted to selected team members for barometric pressure adjustment, graphing, and analysis. Once the data have been transferred from the field technician to other team members, the data are evaluated for quality control (QC). Initial QC consists of checking to make sure all transducers have been downloaded, that the data sets are complete, and that any problems with transducers that could not be downloaded are being resolved. In addition, the field notes are scanned and sent, along with the raw transducer data files, to other team members for analysis. This ensures that the team members have the complete set of data and observations collected by the field personnel during the transducer download event.

A database containing the raw transducer data, serial numbers, and major maintenance history has been established and is updated quarterly. Additionally, the raw binary data and exported text files are stored in two separate locations for data preservation purposes. The groundwater elevations are calculated from the raw water level data, and additional QC is performed on the calculations prior to importing the calculated groundwater elevation data into the database.

The water levels measured by hand in the field at the time of transducer download are entered into the database. The data are subjected to QC to ensure that they were correctly

entered and then imported to the database for distribution and technical analysis. The water level data collected for the LTWLM clusters from June 2015 to June 2016 are provided in **Table 3-1**. In a few cases manual water level data collected from LTWLM wells as part of other programs were used to supplement transducer data analysis. These manual water level measurements are also included in **Table 3-1** for completeness.

3.2 INITIAL DATA PROCESSING

The initial database analysis consists of formatting data, importing the raw data into the database, performing barometric compensation on the data, and exporting the data with a unique database identification number for further analysis.

The data must be formatted prior to import into the database. There are three types of data currently used on a quarterly basis: non-vented transducer data, barometric pressure data, and manual water level data. These data types are all treated differently.

Manual water level data are entered into Microsoft Excel from the scanned field notebook pages. These data are checked for accuracy against the field notes and then are appended to the database table containing manual water level data. The top-of-casing elevation that was current at the time of data collection is associated with each manual measurement to ensure that any well casing modifications are explicitly represented. A query is used to calculate groundwater elevation from the manual water level data. These data are exported to Microsoft Excel to use in calculating groundwater elevation for the transducer data.

All the transducer data are downloaded as binary files. Each transducer manufacturer provides software that is used to export the data in text file format. The text files are then formatted for import into the Microsoft Access database. The raw pressure and barometric transducer data are imported to different tables based on differences in the type and format of data collected. The different data formats are tied to the two brands of transducer used and to changes in data collection format within brands as transducer models are upgraded. The different types of data are currently barometric pressure data and non-vented pressure transducer data.

Barometric pressure data initially are in units of millimeters of mercury (mm Hg). Because the downhole pressure transducer data use feet of water (feet H_2O), the barometric pressure data are converted to feet H_2O and stored in a new table.

Non-vented transducers record a single pressure value at each recording time. In other words, the pressure recorded by a non-vented transducer actually consists of the barometric pressure added to the pressure of the water above the transducer. Therefore, non-vented transducer data must be corrected for barometric pressure before the data can be converted to a groundwater elevation. The data are imported, assigned a unique key, and subjected to barometric pressure correction to produce a corrected level. The corrected level data from the non-vented transducers are exported to Microsoft Excel for further analysis.

3.3 CALCULATING GROUNDWATER ELEVATION

The transducer data are converted to groundwater elevations using Microsoft Excel. The groundwater elevation in each well is calculated to produce agreement between the transducer data and the manually-collected groundwater elevation data. For every manual measurement the nearest transducer measurement in time is subtracted from the groundwater elevation measured manually. The resulting value, called the individual transducer datum, is the elevation of the transducer above mean sea level. The elevation of the transducer is then directly added to the transducer measurements to convert them to groundwater elevation above mean sea level.

Individual transducer datum adjustments based on manual water level measurements are completed quarterly as a QC measure for several reasons. Often the transducer is not placed in the well at exactly the same depth after download and manual measurement is used to calculate the datum adjustment for the new position in the well. Sometimes transducers experience data drift over time or may cease to record accurate data. Quarterly manual measurements ensure that these problems are identified in a timely manner so that transducer can be repaired or replaced. On occasion a manual measurement may be inaccurate or anomalous. Regular measurements allow anomalous measurements to be identified so that they do not affect the final calculated groundwater elevations.

The calculated groundwater elevation data are plotted on graphs and visually checked for anomalies. Any anomalies noted are investigated to determine whether they are related to groundwater extraction, rainwater infiltration, irrigation, transducer problems, sampling, or other causes. Once the cause is identified, appropriate action is taken, such as including a note on the graphs and in the database or asking the field technicians to check the well seal.

The adjustments made to calculate groundwater elevation are described in a table, subjected to QC by a hydrogeologist not involved in the original calculations, and imported into the database for storage. The Excel calculations and graphs are subjected to QC, both during the quarter in which they are completed and again during the following quarter, by comparing to the next manual measurement. After these checks have been completed, the groundwater elevations are imported to the database and associated with the original data using the unique key assigned to each measurement.

SECTION 4

LTWLM Results and Discussion

Eight years of long-term water-level monitoring (2008-2016) have been completed to date. Of these, the first five years documented water levels during background conditions, Interim Remedial Action (IRA) system operation, and installation of the RAPA system. The sixth year of data documents water levels during testing and initial operation of the RAPA system. The subsequent data document water levels during the development of the capture zones associated with the RAPA system. The groundwater elevation data for each cluster are presented as **Figures 4-1 to 4-9**.

4.1 GROUNDWATER EXTRACTION EFFECTS

The following sections describe groundwater extraction effects observed during the most recent year of monitoring, June 2015 to June 2016.

4.1.1 RAPA SYSTEM

The RAPA system was installed between March 2011 and August 2013 and 24-hour operation began in September 2013. Since that date the RAPA system has operated continuously, except for brief shutdowns such as those related to maintenance of the system, specific capacity testing, or electrical outages. The RAPA system has the following components, all of which are shown on **Figure 1-1**:

- Extraction wells – There are a total 77 extraction wells. These consist of 37 USAS, 27 LSAS, 11 AF Gravels, and two S&P Sands wells.
- Extraction trenches – There are four extraction trenches, all completed in the USAS.
- Injection wells – There are five USAS wells designed to allow reinjection of treated groundwater for enhanced flushing on-Facility.

- Infiltration galleries – There are three infiltration galleries located around wetlands to allow localized groundwater recharge.

Because RAPA pumping has been ongoing during the entire period from June 2015 to June 2016, the full effects of RAPA operation on water levels are difficult to discern from the associated graphs. However, a comparison of the water levels measured during the current monitoring period (see **Figure 4-1)** with water levels measured before RAPA operation (see 2014 RASR, Appendix F, AECOM, 2014) indicates that the maximum drawdown recorded On-Facility due to RAPA operation is as follows:

- USAS – 9 ft;
- LSAS – 20 ft;
- AF Gravels – 25 ft; and,
- S&P Sands – 15 to 25 ft, depending on pumping rate.

A comparison of measured water levels for the period of June 2014 to June 2015 (2015 RASR, Appendix F, AECOM, 2015) to the measured water levels for the current period (see **Figure 4-1**) indicates that the maximum drawdown in each zone has remained relatively consistent over the last two years of RAPA operation.

The effects of RAPA pumping are clearly evident in the response of wells to brief shutdowns of the RAPA system. On **Figure 4-1**, shutdowns are evident as vertical lines showing the water level recovery measured during each shutdown; smaller responses to brief shutdowns are noted in some wells on **Figures 4-4 and 4-6**. Water levels only partially recover during these brief shutdowns.

4.1.2 PRIVATE WELLS

A number of private commercial irrigation wells operate in the vicinity of the site. The private commercial irrigation wells are used to maintain landscaping around local businesses. Several of these wells have been abandoned during the course of the LTWLM program. This section provides a brief summary of the primary wells observed to operate from June 2015 to June 2016.

4.1.2.1 7921 15TH ST E WELL

This well was used to maintain a decorative pond on the property located at 7921 15th St E. The well had an open-hole completion from 45 to 143.7 feet bgs and operated on and off until it was abandoned and replaced with a Floridan well in October 2011. The locations of the original well and the replacement well are shown on **Figure 1-1**. The replacement well was the only active well at 7921 15th St E from June 2015 to June 2016.

4.1.2.2 THE 8005 15TH ST E WELL

An irrigation well was identified on the 8005 15th St E parcel during previous well searches, but the well was not in use. The well was returned to operation in September 2009 to provide irrigation water for landscaping. The well had open-hole completion from 55 to 161.2 feet bgs and was abandoned and replaced with a Floridan well in September 2011. The locations of the original and replacement wells are shown on **Figure 1-1**. The replacement well was the only open well at 8005 15th St E from June 2015 to June 2016; the well is currently in use.

4.1.2.3 7741 AND 7851 15TH ST E WELLS

Two wells were located on a property with the addresses above. The 7741 15th St E well was screened from 220 to 360 feet bgs and was installed in 2000, but was not in use. The 7851 15th St E well was screened from 237 to 480 feet bgs, was installed in 1999, and was used for irrigation. Both wells were abandoned in September 2011 and replaced with a single Floridan well. The locations of the original and replacement wells are shown on **Figure 1-1**. The replacement well was the only active well at this location from June 2015 to June 2016.

The minor pumping signature of the replacement well can be seen as a distinctive irregular drawdown and recovery pattern in On-Facility Floridan well MW-123, as shown on **Figure 4-1**. The new well is pumped on an irregular schedule to fill a pond that is used for irrigation. When the pond level declines below a float switch's lower elevation boundary, the pump turns on to fill the pond. When the float switch reaches its upper elevation boundary, the pond is full and the pump shuts off. Testing performed in July 2012

confirmed that the irregular drawdown and recovery pattern observed in Floridan well MW-123 was attributable to the pumping of this well.

4.1.2.4 7660 MATOAKA RD WELL

Evidence from the Northeast Area, Rt. 301, and 26th Ct. E well clusters resulted in identification of a well at 7660 Matoaka Rd (west of the facility) that is pumped approximately twice a week for irrigation purposes as needed. In other words, it appears that under sufficiently wet conditions the well is shut off, but otherwise it operates on a twice weekly schedule. **Figure 1-1** identifies the location of this well, which was installed in January 2000 and has open-hole completion between 31 and 142.5 feet bgs. LTWLM will continue in the vicinity of this well to evaluate the potential impact of pumping at the irrigation well on operation of the RAPA system. The operation of this well is most evident as regular drawdown and recovery signatures in the LSAS and AF Gravels on **Figure 4-9**.

4.1.2.5 1201 TALLEVAST RD WELL

Figure 1-1 identifies the location of an irrigation well at 1201 Tallevast Rd. This well is cased from the ground surface to 44 ft bgs and has open-hole completion below that depth. A video camera log indicated that the hole collapsed at 138 ft bgs; the pump installation contractor indicated the total depth of the well is approximately 280-320 ft bgs. The irrigation schedule for the well was originally quite distinctive: the well was pumped all night (12 hours/night) at 95 gpm for four consecutive days, and then was completely off for the remaining three days of the week. This pumping had originally been observable in the Tallevast Road Ditch and Golf Course well clusters. Currently, this well is reportedly used for nightly irrigation.

4.1.2.6 NORTHWEST AREA WELLS

Prior to installation of the LTWLM transducers, the FDEP and Lockheed Martin suspected that groundwater supply wells were being operated at the industrial park located to the northwest of the Site. Based on hydrographs presented on **Figures 4-5** it is apparent that at least one extraction well is operating in the Northwest Area. A door-to-door survey, combined with an intensive records search, was completed in 2011 and 2012. The results

indicated that there are multiple wells in the area potentially extracting water from the AF Gravels, S&P Sands, and vertically adjacent lithologic units for irrigation purposes. The USAS was not targeted by any of the wells identified in these surveys. These wells, along with their expected primary groundwater extraction zone, are shown on **Figure 1-1**. Based on LTWLM data patterns, it appears that the overall distribution and pumping rates of wells in this area have not changed since 2012.

The following wells were identified in 2012 as likely pumping influences due to their use in irrigating the properties on which they are located and their proximity to the Northwest Area well cluster:

- 7300 15th St E – This well is screened from 46-153 ft bgs and is used for irrigation approximately twice a week.
- 7230 15th St E – The well depth is greater than 150 ft but could not be confirmed, although it was reportedly originally used for orange grove irrigation. The well is used for irrigation about once a week.
- 7260 15th St E – The well is screened from 46-165 ft bgs and is used for irrigation, although the frequency of irrigation is not known.
- 7455 16th St E – This well is screened from 36-235 ft bgs and used for irrigation at least 4 times a week, but possibly daily.

The drawdown observed in the Northwest Area monitoring cluster in response to the combined pumping effects of these wells is generally less than one foot in the LSAS, one to three feet in the AF Gravels, and a few inches in the S&P Sands. No drawdown response was observed in the USAS. The Tallevast Road Ditch area monitoring well cluster may also be responding to this pumping, but the response in the AF Gravels is very small (about 2 inches). Long-term monitoring of the interaction of the RAPA system and the drawdown caused by the Northwest Area extraction wells is ongoing, but the interaction between these wells and the RAPA system appears to be minimal.

4.2 GROUNDWATER LEVEL MONITORING

Transducers were installed in well clusters at nine different locations. Assessment of the water levels over time reveals that, in general, variability in the water levels is due to nearby

groundwater extraction, precipitation, and regional influences. Regional influences typically are a combination of environmental effects (droughts and wet years) and the human response to those effects. For example, in droughts or dry seasons, irrigation requirements increase, resulting in increased pumping of both public and private wells across the region. This is noticeable as a generalized decline in water levels in the pumped aquifers, although the effects of individual pumping wells are often not distinguishable from one another. Thus, a pattern of higher groundwater elevations is often observed in all units when the rainfall has been high, even though the precipitation is not directly recharging the deeper units.

Each cluster of instrumented wells is described in the following sections and the insights gained from monitoring that cluster of wells during the June 2015 to June 2016 monitoring period are summarized. Often, the data gathered were used for multiple purposes that are not called out individually in the summary. For example, data from the Golf Course and On-Facility wells were used to help assess well efficiency in nearby extraction wells and trenches. The data collected have also been used to supplement manual water level measurements and aid in their interpretation.

4.2.1 ON-FACILITY

The On-Facility cluster wells are equipped with transducers to monitor the hydraulic effects in the area of highest COC concentrations, which were also the focus of the remedial systems in place at the Facility. Thus, this cluster has been a primary tool in monitoring the effects of the RAPA system. Variation in the water levels within and between groundwater zones is generally due to operation of nearby remedial system extraction wells and precipitation. The large influence of the RAPA system tended to mask the effects of any regional trends. Some items of interest on **Figure 4-1** are discussed below.

The effects of RAPA operation are clearly evident at the Facility. The yearly average water levels based on pre-RAPA data sets for the USAS, LSAS, AF Gravels, and S&P Sands units at the Facility would be approximately 26, 22, 15, and 12 ft above mean sea level (amsl), respectively, in the absence of the RAPA pumping. From the data presented in **Figure 4-1** it is evident that the effects of groundwater extraction have significantly

decreased the average water levels in each of these units. Comparison with the corresponding data from last year's monitoring report (AECOM, 2015) indicates that the drawdown on-Facility has remained fairly consistent over the past two years.

The on-Facility storm-water retention pond has been affected by RAPA operations. RAPA pumping from the USAS causes declines in the water level below the pond, which induces the movement of water from the pond into the underlying USAS. As a result, contrary to pre-RAPA conditions, the pond typically only contains water temporarily after it captures storm water runoff; otherwise it is dry.

Stilling Well-1R (located in, but near the edge, of the pond) was replaced with Stilling Well-1R2, which is located in the deeper, center portion of the pond, in April 2016 to allow improved monitoring of water levels in the pond. Both locations are shown in **Figure 1-1**.

In contrast to the shallow zones targeted by RAPA groundwater extraction, water levels at Floridan well MW-123 were slightly higher than those observed in prior years. To confirm this observation, average groundwater elevations at MW-123 were calculated for each year-long period running from June 1 to May 31, starting with 2008 and ending with 2015. The calculated averages for this period ranged from 13.4 to 16.3 ft amsl. The average groundwater elevation from June 1, 2015 to May 31, 2016 was 17.6 ft amsl.

4.2.2 SOUTHWEST AREA

The Southwest Area cluster wells are equipped with transducers to monitor for off-site pumping near the edges of the Site that might influence transport of COCs. No new pumping influences were identified during the June 2015 to June 2016 monitoring period (**Figure 4-2)**. When nearby RAPA system wells are shut down for a few hours, the response is evident as a few inches of recovery in the water levels at the LSAS, AF Gravel, and S&P Sands wells. Such minor changes in water levels are generally not evident in the USAS well at this location.

4.2.3 CONVENTION CENTER

The Convention Center cluster wells are equipped with transducers to monitor for off-site pumping near the edges of the Site that might influence COC transport. No new pumping influences were identified during the June 2015 to June 2016 monitoring period (**Figure 4-3)**. When nearby RAPA AF Gravels extraction wells are briefly shut off, the response is between 0.2 and 1.5 feet of recovery in the AF Gravels monitoring well, depending on which extraction wells are shut off and how long they remain off. No response to temporary RAPA well shutdowns is evident at the wells completed in the LSAS and S&P Sands, although several feet of drawdown due to RAPA operation have been observed at these wells since startup.

4.2.4 NORTHEAST AREA

The Northeast Area cluster wells are equipped with transducers to evaluate whether the presence of the nearby pond (TW-2) allowed improved connection between the USAS and LSAS and to investigate the possible presence of pumping wells in that vicinity. The hydrographs for the June 2015 to June 2016 monitoring period are presented as **Figure 4-4**. Groundwater elevations in **Figure 4-4** for the USAS and LSAS are nearly identical in this area; this is likely because TW-2 is recharging both units. As in previous years, the drawdown pattern in the AF Gravels associated with regular pumping of the irrigation well at 7660 Matoaka Rd (see Section 4.1.3.4) can be identified on **Figure 4-4**, although the drawdown is only about four inches because these monitoring wells are approximately 3000 feet away from the irrigation well. Superimposed on that small regular drawdown are irregular, one- to five-foot recovery curves associated with brief shutdowns of nearby AF Gravels RAPA system extraction wells.

4.2.5 NORTHWEST AREA

The Northwest Area cluster wells were equipped with transducers primarily to monitor for possible irrigation well influences in the nearby industrial area. As is evident in **Figure 4-5**, there is a consistent daily decline in water levels at the LSAS, AF Gravels, and S&P Sands wells that is associated with the combined effects of pumping from multiple

irrigation wells in the industrial area. Because the irrigation wells all operate at night and screen similar intervals, identifying which well(s) are responsible for each drawdown effect is difficult.

The water removed from the LSAS, AF Gravels, and S&P Sands by the irrigation wells in the industrial area is applied to the USAS as irrigation water and, in some cases, is also used to maintain decorative ponds. In addition, a number of residences located northwest of the industrial area utilize privately owned irrigation wells, though on a smaller scale. These wells may also influence groundwater levels. The process of applying water from deeper zones to the USAS during irrigation has likely been both ongoing and consistent for many years. As a result, the groundwater levels in the LSAS, AF Gravels, and S&P Sands are generally about ten feet lower than those in the USAS. Because the pumping is consistent over time, the average water level trends in the three affected units tend to track with regional trends.

The effects of the RAPA system on the LSAS, AF Gravels, and S&P Sands, if present, are masked by the effects of local irrigation pumping. Any effects of the RAPA system on the USAS water levels in the Northwest Area wells are overshadowed by the consistent nearby lawn irrigation. The current groundwater elevations in this area are very similar to the groundwater elevations observed before RAPA startup, and a comparison with specific RAPA extraction well shutdown and restart events did not reveal any clear responses in the Northwest Area wells. In addition, inspection of potentiometric maps (Figures 3-1 through 3-5 of the RASR main text) suggests that the effects of the RAPA system pumping in this area are likely to be small. Thus, it appears that the interaction of the RAPA system with the Northwest Area extraction wells is minimal.

4.2.6 GOLF COURSE POND

Transducers are currently installed in three groundwater wells near the Golf Course pond to monitor the effects of RAPA operations. **Figure 4-6** presents the hydrographs from June 2015 to June 2016 for this well cluster. The effects of temporary shutdowns of nearby RAPA system extraction wells are evident as small recovery curves or as vertical lines (in the case of very brief shutdowns) in the USAS, LSAS, and AF Gravels. Any potential

drawdown due to operation of more distant irrigation wells was masked by the effects of the nearby RAPA extraction system wells.

4.2.7 TALLEVAST ROAD DITCH

The Tallevast Road Ditch area cluster wells are equipped with transducers, in part, to monitor the interaction of the ditch with the USAS and LSAS over time. The water in the ditch typically has an elevation of between 12 to 12.5 ft amsl, which is typically lower than the elevation of the groundwater in the USAS and LSAS at this location, as illustrated in **Figure 4-7**. Thus, groundwater would be expected to discharge to the ditch from both the USAS and LSAS most of the time. During periods of high storm flow, water in the ditch briefly serves as a source of highly localized recharge to these units. Good examples of this situation are evident in hydrographs in October 2015 and May 2016 time frame (**Figure 4-7)**. At these times, rainfall events with precipitation over 2.5 inches raised the ditch water level above the groundwater elevation in the adjacent USAS and LSAS wells.

Several private wells have influenced water levels in the AF Gravels and S&P Sands at the Tallevast Road Ditch well cluster; the USAS and LSAS were not visibly affected by these wells. The 1201 Tallevast Rd irrigation well is located only 700 feet from the Tallevast Road Ditch cluster and reportedly operates on a regular basis. The small ups and downs evident in water levels in the AF Gravels well indicates that there are likely other wells operating in the area. This is to be expected, since the industrial complex immediately north of Tallevast Road Ditch has multiple operating irrigation wells.

Drawdown in the AF Gravels and S&P Sands due to RAPA system operation was evident at the Tallevast Road Ditch cluster based upon observations during RAPA startup as described in the 2014 RASR, Appendix F (AECOM, 2014). However, individual recovery curves resulting from temporary well shutdowns were not evident. There was no visually-discernible evidence of drawdown due to RAPA system operation in the USAS or LSAS at this location.

4.2.8 HIGHWAY 301

The current Highway 301 cluster wells are equipped with transducers to monitor pumping influences on the eastern edge of the Site, including influences from both private irrigation wells and the RAPA system. In the current Highway 301 well cluster, only water levels in the AF Gravels well showed any response to pumping (**Figure 4-8**). The AF Gravels well responded to twice-weekly (when needed) pumping of the 7660 Matoaka Rd irrigation well, characterized by a few inches of drawdown and recovery.

Water levels at that monitoring well also responded to RAPA system extraction, with up to two feet of recovery when the nearest AF Gravels extraction wells (approximately 1600 feet away) were shut down temporarily. A good example of such recovery response was associated with the shutdown of some RAPA extraction wells due to nearby gas line construction activity in early December 2015. This shutdown was longer than usual (approximately eight days) and involved a number of RAPA wells, of which seven were in the AF Gravels.

4.2.9 EAST AREA

The East Area cluster wells were equipped with transducers at the same time as the original Highway 301 cluster wells to improve the monitoring of potential pumping influences in the adjacent industrial complex. As is evident on **Figure 4-9**, twice weekly (when needed) pumping of the 7660 Matoaka Rd irrigation well, located less than 500 feet from the well cluster, regularly causes drawdown in groundwater levels in both the LSAS and the AF Gravels.

Declines in water levels at the LSAS, AF Gravels, and S&P Sands wells in response to RAPA system pumping continue to be observed. In the AF Gravels, temporary shutdowns of the nearest AF Gravels extraction wells (located about 1700 ft away) result in up to two feet of recovery, depending on the number of wells shut down and the length of time they remain off. Recoveries of up to six inches are evident in the LSAS in response to the same AF Gravels well shutdowns, indicating that communication between the LSAS and AF Gravels may be better than is noted elsewhere. For example, the shutdown in early

December 2015 for gas line construction activity resulted in two feet of recovery in the AF Gravels and six inches of recovery in the LSAS. Although some LSAS wells were also shut down at that time, shutdowns in prior years involving only AF Gravels wells have induced a similar response in the LSAS at this location, indicating that shutdown of the nearby AF Gravels wells is likely driving the response.

4.3 COMPARISON OF WATER LEVELS BETWEEN WATER-BEARING ZONES

One goal of the LTWLM program is to provide data to facilitate a comparison of groundwater elevations in, and evaluate the potential interaction between, water-bearing zones on a relatively detailed and continuous time scale. As noted at the outset, continuous monitoring has significant advantages over manual water level events when characterizing the long- and short-term relationships between water-bearing zones. Continuous monitoring supplements the tracking of seasonal and climatic variation of vertical gradient and also permits evaluation of the effects of individual storm events, water supply pumping, and remediation system operations on the gradients between water-bearing zones.

The focus of the following sections is on the direction of vertical gradients and degree of separation between hydraulic units during the June 2015 to June 2016 period of monitoring. More specific calculations of vertical gradient are provided in the main text of the RASR and a detailed discussion of the data collected in prior years is provided in previous RASR documents. While a strong vertical gradient often implies hydraulic separation between water-bearing zones, the lack of a vertical gradient does not always indicate a connection between zones. In some cases, the similarity of hydraulic heads and responses may be due to separate water-bearing zones responding to the same hydraulic stresses.

4.3.1 USAS AND LSAS

Groundwater levels in the USAS wells are generally moderately to significantly higher than those in the corresponding LSAS wells, with the difference ranging from less than one foot to over ten feet. The difference in groundwater elevation between the USAS and

LSAS varies between well nests. In the Northeast Area, Southwest Area, and near Tallevast Road Ditch, the groundwater elevation in the USAS is generally less than a foot higher than that in the LSAS. This is likely due to the proximity of these clusters to surface water features that affect both units and the lack of significant pumping influences on the LSAS in those areas. Water levels at the golf course used to fall into the same category. However, the RAPA system operation creates greater drawdown in the LSAS than in the USAS, resulting in a greater separation of the heads (**Figure 4-6**). On-Facility, the RAPA-related drawdown currently results in a head differential of approximately 15 feet between the USAS and LSAS.

The exact vertical position of the LSAS well screen has a bearing on the magnitude of the difference in groundwater elevation between the USAS and LSAS. For example, the On-Facility well cluster has one well (PZ-LSAS-7) screened very near the top of the LSAS and another well (MW-37) screened near the bottom. These two LSAS wells have very different groundwater elevations, as shown in **Figure 4-1**. The upper LSAS well is closer in groundwater elevation to the nearby USAS well (MW-36), due to its screened interval. Previous reports have identified the finely laminated nature of the LSAS that results in a sharp head drop across the unit.

Local pumping also has an influence on water levels in the LSAS in some locations. Some production wells in the industrial and commercial areas surrounding the Site are cased down to the top of the LSAS or deeper into the same unit, followed by open-hole completion through portions of the Hawthorn Group and Arcadia Formations. This can result in portions of the LSAS (which is the uppermost portion of the Hawthorn Group) being open to or influenced by pumping from the deeper units. Water levels in the LSAS at the Northwest Area and the East Area well clusters are affected by operation of local industrial or commercial wells. Pumping of these wells increases the difference in groundwater elevation between the USAS and LSAS because the USAS is generally not subject to pumping and often is irrigated using the water removed from lower units. Also, some unlined decorative ponds in the USAS are maintained using well water, resulting in additional localized recharge to the USAS.

4.3.2 LSAS AND AF GRAVELS

Groundwater levels in the LSAS are typically higher than those in the corresponding AF Gravels well in most locations. However, the operation of nearby LSAS remediation wells or irrigation system extraction wells open to the LSAS can result in groundwater levels in the LSAS being the same or lower than those in the AF Gravels. For example, as shown on **Figure 4-1**, the groundwater level in the AF Gravels well at this location was briefly higher than that in the LSAS well in mid-October 2015, when the AF Gravels extraction wells were off but the LSAS extraction wells were still operating.

In addition, irrigation wells affect water levels in both the AF Gravels and the LSAS in the Northwest Area and the East Area (**Figures 4-5** and **4-9**). In both areas, the groundwater elevation in the LSAS is only marginally higher than that in the AF Gravels, even when the irrigation wells are not operating. The response of the LSAS to remedial pumping from the AF Gravels near the East Area (discussed in Section 4.2.9) implies that, in the East Area, there may be a better connection between the two units. In the Northwest Area, the LSAS heads are most likely decreased by persistent pumping that is so frequent that the heads never recover to static levels. However, it's also possible that the LSAS and AF Gravels heads in the Northwest Area would be similar even in the absence of pumping, perhaps due to a locally enhanced connection between the two water-bearing zones.

4.3.3 AF GRAVELS AND S&P SANDS

The difference between groundwater levels in the AF Gravels and the S&P Sands varies by location and with time. At the On-Facility cluster (**Figure 4-1**), the RAPA system operation currently governs the gradient between the AF Gravels and S&P Sands. The direction of the gradient varies with extraction rates from nearby wells in each unit. During the period from June 2015 to June 2016 the groundwater levels in the S&P Sands have been about three feet higher than those in the AF Gravels.

At the Southwest Area, Convention Center, Northeast Area, Highway 301, and East Area clusters, groundwater levels in the AF Gravels were consistently lower than those in the S&P Sands during the period from June 2015 to June 2016. This condition is likely due to

consistent RAPA and/or irrigation pumping in the AF Gravels during that time period. The pre-RAPA groundwater elevations are known for all but the current Highway 301 cluster. The pre-RAPA hydraulic heads in the S&P Sands at the Convention Center, Northeast Area, and East Area tended to be lower than those in the AF Gravels when irrigation pumping was low. In the Southwest Area (**Figure 4-2**), the hydraulic heads of the two units were nearly the same prior to RAPA startup and when not influenced by nearby irrigation pumping. After RAPA system startup, water levels in the AF Gravels declined such that the groundwater elevation was below that of the S&P Sands in all the areas mentioned. Although the current Highway 301 cluster was not instrumented prior to RAPA system startup, manual water levels indicate that a similar pattern of decline in the AF Gravels head after RAPA startup occurred at this location.

In the Northwest Area (**Figure 4-5**), the groundwater levels in the S&P Sands are typically two to four feet lower than those in the AF Gravels when nearby wells are not actively pumping. The water levels in the two units tend to follow similar trends.

In the Southwest Area and near Tallevast Road Ditch, the water levels in the AF Gravels and S&P Sands are very similar during times of minimal pumping (**Figures 4-2 and 4-7**) . Water level changes over time in both units follow approximately the same trends. However, this does not necessarily mean that these two units are in direct hydraulic communication; rather, the same regional hydraulic influences are affecting both units. Experience has shown that applying stress (i.e., pumping) to the AF Gravels often doesn't produce a response in the S&P Sands, illustrating that the intervening sequences of carbonate rock impede hydraulic communication.

4.3.4 S&P SANDS AND LOWER AF SANDS

In general, the groundwater levels in the Lower AF Sands are higher than those in the S&P Sands. Groundwater does not appear to be extracted from the Lower AF Sands in the vicinity of the LTWLM monitoring well clusters. The LTWLM monitoring well clusters that include wells completed in the Lower AF Sands are the On-Facility, Convention Center, Northeast, Northwest, Tallevast Road Ditch, Highway 301, and East areas.

The water level trends in the Lower AF Sands and S&P Sands are typically quite different because the S&P Sands is often affected by water supply pumping, while the Lower AF Sands generally is not targeted for water supply. However, during the current period (June 2015 to June 2016) water levels in the two units often followed approximately the same trend because some of the nearby water supply wells that previously targeted the S&P Sands have been abandoned. In the absence of pumping, the main influences on hydraulic head are regional and thus affect both the Lower AF Sands and the S&P Sands. The exception was at the On-Facility monitoring well cluster, where water levels at the S&P Sands well were strongly influenced by RAPA extraction, while water levels at the Lower AF well were not (**Figure 4-1**). The fact that the RAPA system strongly affects the S&P Sands but does not visibly influence the Lower AF sands supports the concept that the two units are hydraulically disconnected. Water levels in the Lower AF Sands are usually higher than those in the S&P Sands, even during non-pumping conditions. This indicates that water in the S&P Sands is not recharging the Lower AF Sands, or, perhaps, that the Lower AF Sands serve as a very minor source of water to the S&P Sands.

4.3.5 LOWER AF SANDS AND UPPER FLORIDAN AQUIFER

MW-123 is a Floridan monitoring well located on the Facility; it is the sole Floridan well in the LTWLM monitoring well network. This is because the regional significance of the Floridan Aquifer as a water supply source means that it is extensively monitored by other entities. In addition, the LTWLM program demonstrated early in its history that the Lower AF Sands and Upper Floridan units are hydraulically separated from the overlying aquifer units. This same conclusion was reached based on extraction well performance testing at the Facility as the RAPA system was being implemented.

The MW-123 hydrograph for June 2015 to June 2016 is included in **Figure 4-1**. The Upper Floridan Aquifer is subject to significant water supply and irrigation well pumping, the effect of which is evident in the hydrograph. The groundwater elevation variations over time are much greater at MW-123 (Upper Floridan Aquifer) than at nearby MW-19 (Lower AF Sands); the effects of pumping from the nearby Golf Course well are evident in the MW-123 hydrograph as small drawdown and recovery curves. Thus, while the overall

pattern of rising and falling groundwater levels is comparable between the two wells, changes in level at the Floridan well are more extreme and the direction of the gradient between the two aquifers changes over time as a result.

4.4 WATER LEVELS WITHIN AQUIFER ZONES

The main text of the RASR provides a discussion of horizontal gradients within each zone based on contour maps created from the most recent synoptic water level gauging event. The LTWLM data collection has provided supplemental information for helping guide the analyses and interpretations presented in the RASR and in prior groundwater monitoring reports.

SECTION 5
Conclusions

The LTWLM program, begun in 2008, has generated data of great value for purposes of characterizing the hydrogeologic system at the Tallevast site, identifying off-site pumping stresses of potential concern, and monitoring the initial and ongoing effects of the RAPA system. During the current monitoring period, from June 2015 to June 2016, the LTWLM data were used for the following purposes:

- Tracking RAPA-related drawdown effects both at the Facility and at the edges of the Site and guiding related potentiometric surface representation;
- Monitoring the hydraulic interaction (or lack thereof) between water-bearing zones and providing information on how that interaction is affected by known pumping influences;
- Guiding representation of the effects of surface water bodies on groundwater potentiometric surfaces based on the data from On-Facility, Tallevast Road Ditch, and Northeast Area clusters;
- Providing data for groundwater model testing and calibration; and
- Identifying the need to move well SW-1R to SW-1R2 (located a deeper portion of the On-Facility Pond) as water levels in the USAS remain low.

The LTWLM program will be continued as RAPA operations proceed. Modifications for maintaining LTWLM effectiveness will continue to be made, when appropriate.

SECTION 6

REFERENCES

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Tables

Table 2-1: Long-Term Water Level Monitoring Transducer Information
Lockheed Martin Tallevast Site
Tallevast, Florida

Location	Northing	Easting	Zone	Screened Interval (ft bgs)	Top of Casing (ft amsl)	Date Installed	Comments
On-Facility Transducers							
SW-1R	1116079.2	479344.7	Surface	-	28.37	9/8/2011	Replaced monitoring of Stilling Well-5; removed in April 2016
SW-1R2	1116125.2	479361.9	Surface	-	26.15	4/8/2016	Replaced monitoring of SW-1R
MW-36	1116074.2	479806.4	USAS	23 - 28	31.53	5/22/2008	
PZ-LSAS-7	1116105.6	479828.9	LSAS	28 - 33	32.1	5/22/2008	
MW-37	1116087.4	479806.6	LSAS	35.5 - 40.5	31.56	5/22/2008	
MW-127	1116081.2	479806.6	AF Gravels	100 - 110	31.87	5/22/2008	
MW-128	1116056.5	479790.1	S&P Sands	140 - 150	31.38	5/22/2008	
MW-19	1116223.2	479709.9	Lower AF Sands	277.5 - 297.5	32.2	5/22/2008	
MW-123	1115854.6	479687.9	Floridan	375 - 395	31.11	5/22/2008	
Southwest Area Transducers							
MW-219	1114676.7	478668.7	USAS	22 - 27	21.91	5/28/2008	
MW-220	1114676.7	478661.5	LSAS	39 - 44	22.04	5/28/2008	
MW-221	1114677.1	478656.7	AF Gravels	97 - 107	22.24	5/28/2008	
MW-222	1114664.7	478661.2	S&P Sands	133 - 143	22.23	5/28/2008	
Convention Center Transducers							
MW-167	1114036.9	479625.1	USAS	20 - 25	27.05	5/28/2008	
MW-168	1114043.2	479628.8	LSAS	42 - 47	27.41	5/28/2008	
MW-169	1114052.8	479599.6	AF Gravels	106 - 116	27.48	5/28/2008	
MW-124	1114089.3	479644.2	AF Gravels	122 - 137	28.97	8/15/2011	Added in August 2011
MW-182	1114044.7	479595.2	S&P Sands	164 - 174	27.19	5/28/2008	
MW-170	1114048.5	479632.2	Lower AF Sands	280 - 300	27.5	5/28/2008	
Northeast Area Transducers							
MW-141	1116972.8	481290.5	USAS	15 - 20	25.55	5/28/2008	
MW-142	1116970.1	481290.7	LSAS	26 - 31	25.38	5/28/2008	Coordinates and TOCs resurveyed
MW-143	1116889.3	481295.2	AF Gravels	96 - 106	25.6	5/28/2008	
MW-144	1116932.1	481316.5	S&P Sands	140 - 150	25.51	5/28/2008	
MW-145	1116889.4	481329.6	Lower AF Sands	280 - 300	25.45	5/28/2008	

Table 2-1: Long-Term Water Level Monitoring Transducer Information
Lockheed Martin Tallevast Site
Tallevast, Florida

Location	Northing	Easting	Zone	Screened Interval (ft bgs)	Top of Casing (ft amsl)	Date Installed	Comments
Northwest Area Transducers							
MW-116	1117841.6	478090.6	USAS	21 - 26	21.84	5/28/2008	
MW-178	1117857.2	478082.9	LSAS	31.5 - 36.5	21.82	5/28/2008	
MW-179	1117852.1	478082.8	AF Gravels	93 - 103	21.87	5/28/2008	
MW-180	1117846.2	478082.7	S&P Sands	145.3 - 155.3	21.97	5/28/2008	
MW-181	1117840.9	478082.7	Lower AF Sands	275 - 295	22.09	5/28/2008	
Golf Course Transducers							
Stilling Well-5	1115929.4	478868.2	Surface	-	25.9	5/29/2008	Removed in September 2011; pond is lined now.
MW-103	1115942.3	478815.3	USAS	25 - 30	25.99	5/28/2008	Coordinates and TOCs resurveyed
MW-98	1115540.5	478826.8	LSAS	33 - 38	25.75	5/28/2008	
MW-102	1115934.5	478815.3	AF Gravels	90 - 100	26.1	5/28/2008	
Tallevast Road Ditch Transducers							
Stilling Well-2	1116273.5	477483.4	Surface	-	14.55	5/29/2008	
MW-121	1116298.8	477942.5	USAS	18 - 23	21.35	5/28/2008	
MW-171	1116301.4	477984.8	LSAS	35 - 40	21.49	5/28/2008	
MW-172	1116301.8	477969.6	AF Gravels	100 - 110	21.53	5/28/2008	
MW-173	1116302.5	477949.7	S&P Sands	142 - 152	21.42	5/28/2008	
MW-174	1116303.4	477925.6	Lower AF Sands	275 - 295	21.39	5/28/2008	
Highway 301 Transducers							
MW-183	1116213.0	483001.0	USAS	15 - 20	24.2	6/1/2011	Added to monitor eastern portion of site; removed in June 2014 due to impending well abandonment (highway construction).
MW-184	1116212.8	483006.5	LSAS	28 - 33	24.22	6/1/2011	
MW-185	1116212.6	483013.8	AF Gravels	85 - 95	24.3	6/1/2011	
MW-186	1116212.6	483019.3	S&P Sands	150 - 160	24.37	6/1/2011	
MW-187	1116212.4	483023.7	Lower AF Sands	280 - 300	24.34	6/1/2011	
MW-188	1115037.8	483130.2	USAS	12 - 17	21.87	6/12/2014	Coordinates and TOCs resurveyed
MW-189	1115025.8	483129.5	LSAS	28 - 33	21.8	6/12/2014	
MW-190	1115115.5	483131.8	AF Gravels	90 - 100	21.71	7/2/2014	
MW-191	1115007.6	483128.9	S&P Sands	146 - 156	21.63	6/12/2014	
MW-192	1114996.3	483128.1	Lower AF Sands	280 - 300	21.66	6/12/2014	

Table 2-1: Long-Term Water Level Monitoring Transducer Information
Lockheed Martin Tallevast Site
Tallevast, Florida

Location	*Northing*	*Easting*	*Zone*	*Screened Interval (ft bgs)*	*Top of Casing (ft amsl)*	*Date Installed*	*Comments*
East Area Transducers							
MW-198	1116350.7	483906.6	USAS	11 - 16	20.55	6/1/2011	Added to monitor eastern portion of Site.
MW-199	1116357.6	483906.7	LSAS	30 - 35	20.42	6/1/2011	
MW-200	1116364.6	483906.7	AF Gravels	90 - 100	20.62	6/1/2011	
MW-201	1116371.1	483907.0	S&P Sands	150 - 160	20.54	6/1/2011	
MW-202	1116377.2	483907.4	Lower AF Sands	280 - 300	20.62	6/1/2011	

Notes:
ft bgs: feet below ground surface
ft amsl: feet above mean sea level
USAS: Upper Surficial Aquifer System
LSAS: Lower Shallow Aquifer System
AF: Arcadia Formation
S&P: Salt and Pepper

Table 3-1: Manual Groundwater Elevation Measurements, June 2015 to June 2016
Lockheed Martin Tallevast Site
Tallevast, Florida

Location	*Zone*	*Northing*	*Easting*	*Initial Depth to Water (ft btoc)*	*Groundwater Elevation (ft amsl)*	*Date Measured*
MW-19	Lower AF Sands	1116223.214	479709.887	18.65	13.55	9/3/2015
MW-19	Lower AF Sands	1116223.214	479709.887	17.77	14.43	12/15/2015
MW-19	Lower AF Sands	1116223.214	479709.887	16.95	15.25	3/1/2016
MW-19	Lower AF Sands	1116223.214	479709.887	19.12	13.08	6/9/2016
MW-36	USAS	1116074.166	479806.414	13.14	18.39	9/3/2015
MW-36	USAS	1116074.166	479806.414	13.77	17.76	12/15/2015
MW-36	USAS	1116074.166	479806.414	14.12	17.41	3/1/2016
MW-36	USAS	1116074.166	479806.414	14.57	16.96	6/9/2016
MW-37	LSAS	1116087.406	479806.573	30.55	1.01	9/3/2015
MW-37	LSAS	1116087.406	479806.573	31.88	-0.32	12/15/2015
MW-37	LSAS	1116087.406	479806.573	31.48	0.08	3/1/2016
MW-37	LSAS	1116087.406	479806.573	31.33	0.23	6/9/2016
MW-98	LSAS	1115540.5	478826.8	11.24	14.51	9/2/2015
MW-98	LSAS	1115540.5	478826.8	11.89	13.86	12/15/2015
MW-98	LSAS	1115540.5	478826.8	11.81	13.94	2/29/2016
MW-98	LSAS	1115540.5	478826.8	12.23	13.52	6/7/2016
MW-102	AF Gravels	1115934.5	478815.3	15.79	10.31	9/2/2015
MW-102	AF Gravels	1115934.5	478815.3	16.9	9.2	12/15/2015
MW-102	AF Gravels	1115934.5	478815.3	15.69	10.41	2/29/2016
MW-102	AF Gravels	1115934.5	478815.3	17.75	8.35	6/7/2016
MW-103	USAS	1115942.31	478815.3	8.58	17.41	9/2/2015
MW-103	USAS	1115942.31	478815.3	9.51	16.48	12/15/2015
MW-103	USAS	1115942.31	478815.3	9.53	16.46	2/29/2016
MW-103	USAS	1115942.31	478815.3	9.18	16.81	6/7/2016
MW-116	USAS	1117841.6	478090.6	2.12	19.72	9/2/2015
MW-116	USAS	1117841.6	478090.6	2.8	19.04	12/15/2015
MW-116	USAS	1117841.6	478090.6	2.13	19.71	3/1/2016
MW-116	USAS	1117841.6	478090.6	0.73	21.11	6/8/2016
MW-121	USAS	1116298.75	477942.51	7.87	13.48	9/2/2015
MW-121	USAS	1116298.75	477942.51	7.94	13.41	12/15/2015
MW-121	USAS	1116298.75	477942.51	7.93	13.42	2/29/2016
MW-121	USAS	1116298.75	477942.51	8.09	13.26	6/8/2016
MW-123	Floridan	1115854.641	479687.917	11.99	19.12	9/3/2015
MW-123	Floridan	1115854.641	479687.917	12.97	18.14	12/15/2015
MW-123	Floridan	1115854.641	479687.917	11.65	19.46	3/1/2016
MW-123	Floridan	1115854.641	479687.917	14.85	16.26	6/9/2016
MW-124	AF Gravels	1114089.3	479644.2	19.98	8.99	9/3/2015
MW-124	AF Gravels	1114089.3	479644.2	20.06	8.91	12/15/2015
MW-124	AF Gravels	1114089.3	479644.2	20.1	8.87	12/15/2015
MW-124	AF Gravels	1114089.3	479644.2	18.63	10.34	2/29/2016
MW-124	AF Gravels	1114089.3	479644.2	21.44	7.53	6/7/2016
MW-127	AF Gravels	1116081.233	479806.555	39.24	-7.37	9/3/2015
MW-127	AF Gravels	1116081.233	479806.555	38.88	-7.01	12/15/2015
MW-127	AF Gravels	1116081.233	479806.555	38.16	-6.29	3/1/2016
MW-127	AF Gravels	1116081.233	479806.555	40.34	-8.47	6/9/2016

Table 3-1: Manual Groundwater Elevation Measurements, June 2015 to June 2016
Lockheed Martin Tallevast Site
Tallevast, Florida

Location	*Zone*	*Northing*	*Easting*	*Initial Depth to Water (ft btoc)*	*Groundwater Elevation (ft amsl)*	*Date Measured*
MW-128	S&P Sands	1116056.5	479790.068	34.68	-3.3	9/3/2015
MW-128	S&P Sands	1116056.5	479790.068	34.14	-2.76	12/15/2015
MW-128	S&P Sands	1116056.5	479790.068	34.29	-2.91	12/15/2015
MW-128	S&P Sands	1116056.5	479790.068	33.28	-1.9	3/1/2016
MW-128	S&P Sands	1116056.5	479790.068	35.81	-4.43	6/9/2016
MW-141	USAS	1116972.8	481290.5	2.53	23.02	9/2/2015
MW-141	USAS	1116972.8	481290.5	3.18	22.37	12/14/2015
MW-141	USAS	1116972.8	481290.5	2.71	22.84	3/1/2016
MW-141	USAS	1116972.8	481290.5	1.85	23.7	6/8/2016
MW-142	LSAS	1116970.12	481290.66	2.49	22.89	9/2/2015
MW-142	LSAS	1116970.12	481290.66	3.17	22.21	12/14/2015
MW-142	LSAS	1116970.12	481290.66	2.7	22.68	3/1/2016
MW-142	LSAS	1116970.12	481290.66	1.82	23.56	6/8/2016
MW-143	AF Gravels	1116889.3	481295.2	21.8	3.8	9/2/2015
MW-143	AF Gravels	1116889.3	481295.2	23.33	2.27	12/14/2015
MW-143	AF Gravels	1116889.3	481295.2	21.03	4.57	3/1/2016
MW-143	AF Gravels	1116889.3	481295.2	23.95	1.65	6/8/2016
MW-144	S&P Sands	1116932.1	481316.5	15.82	9.69	9/2/2015
MW-144	S&P Sands	1116932.1	481316.5	15.33	10.18	12/14/2015
MW-144	S&P Sands	1116932.1	481316.5	14.84	10.67	3/1/2016
MW-144	S&P Sands	1116932.1	481316.5	17.8	7.71	6/8/2016
MW-145	Lower AF Sands	1116889.4	481329.6	11.44	14.01	9/2/2015
MW-145	Lower AF Sands	1116889.4	481329.6	10.09	15.36	12/14/2015
MW-145	Lower AF Sands	1116889.4	481329.6	9.22	16.23	3/1/2016
MW-145	Lower AF Sands	1116889.4	481329.6	11.38	14.07	6/8/2016
MW-167	USAS	1114036.9	479625.1	4.4	22.65	9/3/2015
MW-167	USAS	1114036.9	479625.1	4.71	22.34	12/15/2015
MW-167	USAS	1114036.9	479625.1	4.57	22.48	2/29/2016
MW-167	USAS	1114036.9	479625.1	4.64	22.41	6/7/2016
MW-168	LSAS	1114043.2	479628.8	8.15	19.26	9/3/2015
MW-168	LSAS	1114043.2	479628.8	8.8	18.61	12/15/2015
MW-168	LSAS	1114043.2	479628.8	8.42	18.99	2/29/2016
MW-168	LSAS	1114043.2	479628.8	8.77	18.64	6/7/2016
MW-168	LSAS	1114043.2	479628.8	8.19	19.22	6/9/2016
MW-169	AF Gravels	1114052.8	479599.6	16.14	11.34	8/5/2015
MW-169	AF Gravels	1114052.8	479599.6	20.76	6.72	9/3/2015
MW-169	AF Gravels	1114052.8	479599.6	18.13	9.35	12/15/2015
MW-169	AF Gravels	1114052.8	479599.6	18.03	9.45	12/15/2015
MW-169	AF Gravels	1114052.8	479599.6	16.39	11.09	2/29/2016
MW-169	AF Gravels	1114052.8	479599.6	16.44	11.04	6/7/2016
MW-170	Lower AF Sands	1114048.5	479632.2	15.13	12.37	8/5/2015
MW-170	Lower AF Sands	1114048.5	479632.2	14.53	12.97	9/3/2015
MW-170	Lower AF Sands	1114048.5	479632.2	13.14	14.36	12/15/2015
MW-170	Lower AF Sands	1114048.5	479632.2	12.08	15.42	2/29/2016
MW-170	Lower AF Sands	1114048.5	479632.2	14.03	13.47	6/7/2016

Table 3-1: Manual Groundwater Elevation Measurements, June 2015 to June 2016
Lockheed Martin Tallevast Site
Tallevast, Florida

Location	*Zone*	*Northing*	*Easting*	*Initial Depth to Water (ft btoc)*	*Groundwater Elevation (ft amsl)*	*Date Measured*
MW-171	LSAS	1116301.4	477984.8	8.78	12.71	9/2/2015
MW-171	LSAS	1116301.4	477984.8	8.51	12.98	12/15/2015
MW-171	LSAS	1116301.4	477984.8	8.4	13.09	2/29/2016
MW-171	LSAS	1116301.4	477984.8	8.91	12.58	6/8/2016
MW-172	AF Gravels	1116301.8	477969.6	11.98	9.55	9/2/2015
MW-172	AF Gravels	1116301.8	477969.6	12.29	9.24	12/15/2015
MW-172	AF Gravels	1116301.8	477969.6	11.83	9.7	2/29/2016
MW-172	AF Gravels	1116301.8	477969.6	14.19	7.34	6/8/2016
MW-173	S&P Sands	1116302.5	477949.7	11.49	9.93	9/2/2015
MW-173	S&P Sands	1116302.5	477949.7	11.85	9.57	12/15/2015
MW-173	S&P Sands	1116302.5	477949.7	10.67	10.75	2/29/2016
MW-173	S&P Sands	1116302.5	477949.7	13.79	7.63	6/8/2016
MW-174	Lower AF Sands	1116303.4	477925.6	10.08	11.31	9/2/2015
MW-174	Lower AF Sands	1116303.4	477925.6	8.95	12.44	12/15/2015
MW-174	Lower AF Sands	1116303.4	477925.6	8.34	13.05	2/29/2016
MW-174	Lower AF Sands	1116303.4	477925.6	9.15	12.24	6/8/2016
MW-178	LSAS	1117857.2	478082.9	10.87	10.95	9/2/2015
MW-178	LSAS	1117857.2	478082.9	12.66	9.16	12/15/2015
MW-178	LSAS	1117857.2	478082.9	11.69	10.13	3/1/2016
MW-178	LSAS	1117857.2	478082.9	13.46	8.36	6/8/2016
MW-179	AF Gravels	1117852.1	478082.8	11.19	10.68	9/2/2015
MW-179	AF Gravels	1117852.1	478082.8	14.68	7.19	12/15/2015
MW-179	AF Gravels	1117852.1	478082.8	13.54	8.33	3/1/2016
MW-179	AF Gravels	1117852.1	478082.8	14.21	7.66	6/8/2016
MW-180	S&P Sands	1117846.2	478082.7	12.79	9.18	9/2/2015
MW-180	S&P Sands	1117846.2	478082.7	14.41	7.56	12/15/2015
MW-180	S&P Sands	1117846.2	478082.7	12.85	9.12	3/1/2016
MW-180	S&P Sands	1117846.2	478082.7	16.3	5.67	6/8/2016
MW-181	Lower AF Sands	1117840.9	478082.7	12.46	9.63	8/5/2015
MW-181	Lower AF Sands	1117840.9	478082.7	11.91	10.18	9/2/2015
MW-181	Lower AF Sands	1117840.9	478082.7	10.65	11.44	12/15/2015
MW-181	Lower AF Sands	1117840.9	478082.7	10.33	11.76	3/1/2016
MW-181	Lower AF Sands	1117840.9	478082.7	11.99	10.1	6/8/2016
MW-182	S&P Sands	1114044.7	479595.2	16.31	10.88	8/5/2015
MW-182	S&P Sands	1114044.7	479595.2	15.86	11.33	9/3/2015
MW-182	S&P Sands	1114044.7	479595.2	14.49	12.7	12/15/2015
MW-182	S&P Sands	1114044.7	479595.2	13.3	13.89	2/29/2016
MW-182	S&P Sands	1114044.7	479595.2	15.38	11.81	6/7/2016
MW-188	USAS	1115037.83	483130.18	3.77	18.1	9/2/2015
MW-188	USAS	1115037.83	483130.18	4.09	17.78	12/14/2015
MW-188	USAS	1115037.83	483130.18	3.74	18.13	3/1/2016
MW-188	USAS	1115037.83	483130.18	2.89	18.98	6/8/2016
MW-189	LSAS	1115025.84	483129.52	8.64	13.16	9/2/2015
MW-189	LSAS	1115025.84	483129.52	7.9	13.9	12/14/2015
MW-189	LSAS	1115025.84	483129.52	7.72	14.08	3/1/2016
MW-189	LSAS	1115025.84	483129.52	9.11	12.69	6/8/2016

Table 3-1: Manual Groundwater Elevation Measurements, June 2015 to June 2016
Lockheed Martin Tallevast Site
Tallevast, Florida

Location	*Zone*	*Northing*	*Easting*	*Initial Depth to Water (ft btoc)*	*Groundwater Elevation (ft amsl)*	*Date Measured*
MW-190	AF Gravels	1115115.45	483131.84	14.93	6.78	9/2/2015
MW-190	AF Gravels	1115115.45	483131.84	15.24	6.47	12/14/2015
MW-190	AF Gravels	1115115.45	483131.84	13.16	8.55	3/1/2016
MW-190	AF Gravels	1115115.45	483131.84	17.58	4.13	6/8/2016
MW-191	S&P Sands	1115007.59	483128.87	13.54	8.09	8/5/2015
MW-191	S&P Sands	1115007.59	483128.87	12.21	9.42	9/2/2015
MW-191	S&P Sands	1115007.59	483128.87	10.51	11.12	12/14/2015
MW-191	S&P Sands	1115007.59	483128.87	9.68	11.95	3/1/2016
MW-191	S&P Sands	1115007.59	483128.87	12.23	9.4	6/8/2016
MW-192	Lower AF Sands	1114996.28	483128.07	5.25	16.41	9/2/2015
MW-192	Lower AF Sands	1114996.28	483128.07	4.76	16.9	12/14/2015
MW-192	Lower AF Sands	1114996.28	483128.07	3.16	18.5	3/1/2016
MW-192	Lower AF Sands	1114996.28	483128.07	6.94	14.72	6/8/2016
MW-198	USAS	1116350.7	483906.6	2.14	18.41	9/2/2015
MW-198	USAS	1116350.7	483906.6	3.44	17.11	12/14/2015
MW-198	USAS	1116350.7	483906.6	3.14	17.41	3/1/2016
MW-198	USAS	1116350.7	483906.6	2.26	18.29	6/8/2016
MW-199	LSAS	1116357.6	483906.7	11.18	9.24	9/2/2015
MW-199	LSAS	1116357.6	483906.7	10.69	9.73	12/14/2015
MW-199	LSAS	1116357.6	483906.7	9.53	10.89	3/1/2016
MW-199	LSAS	1116357.6	483906.7	12.86	7.56	6/8/2016
MW-200	AF Gravels	1116364.6	483906.7	12.8	7.82	9/2/2015
MW-200	AF Gravels	1116364.6	483906.7	14.01	6.61	12/14/2015
MW-200	AF Gravels	1116364.6	483906.7	11.28	9.34	3/1/2016
MW-200	AF Gravels	1116364.6	483906.7	15.44	5.18	6/8/2016
MW-201	S&P Sands	1116371.1	483907	11.63	8.91	8/5/2015
MW-201	S&P Sands	1116371.1	483907	10.79	9.75	9/2/2015
MW-201	S&P Sands	1116371.1	483907	9.32	11.22	12/14/2015
MW-201	S&P Sands	1116371.1	483907	7.48	13.06	3/1/2016
MW-201	S&P Sands	1116371.1	483907	10.83	9.71	6/8/2016
MW-202	Lower AF Sands	1116377.2	483907.4	5.17	15.45	9/2/2015
MW-202	Lower AF Sands	1116377.2	483907.4	4.81	15.81	12/14/2015
MW-202	Lower AF Sands	1116377.2	483907.4	3.21	17.41	3/1/2016
MW-202	Lower AF Sands	1116377.2	483907.4	6.9	13.72	6/8/2016
MW-219	USAS	1114676.7	478668.7	4.59	17.32	9/3/2015
MW-219	USAS	1114676.7	478668.7	5.44	16.47	12/15/2015
MW-219	USAS	1114676.7	478668.7	4.92	16.99	2/29/2016
MW-219	USAS	1114676.7	478668.7	3.97	17.94	6/8/2016
MW-220	LSAS	1114676.7	478661.5	4.83	17.21	9/3/2015
MW-220	LSAS	1114676.7	478661.5	5.64	16.4	12/15/2015
MW-220	LSAS	1114676.7	478661.5	4.97	17.07	2/29/2016
MW-220	LSAS	1114676.7	478661.5	5.71	16.33	6/8/2016
MW-221	AF Gravels	1114677.1	478656.7	10.48	11.76	9/3/2015
MW-221	AF Gravels	1114677.1	478656.7	10.61	11.63	12/15/2015
MW-221	AF Gravels	1114677.1	478656.7	9.63	12.61	2/29/2016
MW-221	AF Gravels	1114677.1	478656.7	11.92	10.32	6/8/2016

Table 3-1: Manual Groundwater Elevation Measurements, June 2015 to June 2016
Lockheed Martin Tallevast Site
Tallevast, Florida

Location	*Zone*	*Northing*	*Easting*	*Initial Depth to Water (ft btoc)*	*Groundwater Elevation (ft amsl)*	*Date Measured*
MW-222	S&P Sands	1114664.7	478661.2	8.13	14.1	9/3/2015
MW-222	S&P Sands	1114664.7	478661.2	7.98	14.25	12/15/2015
MW-222	S&P Sands	1114664.7	478661.2	6.89	15.34	2/29/2016
MW-222	S&P Sands	1114664.7	478661.2	10.11	12.12	6/8/2016
PZ-LSAS-7	LSAS	1116105.626	479828.89	15.03	17.03	8/7/2015
PZ-LSAS-7	LSAS	1116105.626	479828.89	14.93	17.13	9/3/2015
PZ-LSAS-7	LSAS	1116105.626	479828.89	15.36	16.7	12/15/2015
PZ-LSAS-7	LSAS	1116105.626	479828.89	15.33	16.73	3/1/2016
PZ-LSAS-7	LSAS	1116105.626	479828.89	15.17	16.89	6/9/2016
Stilling Well-2	Surface	1116273.455	477483.3668	2.35	12.2	9/2/2015
Stilling Well-2	Surface	1116273.455	477483.3668	2.28	12.27	12/15/2015
Stilling Well-2	Surface	1116273.455	477483.3668	2.26	12.29	2/29/2016
Stilling Well-2	Surface	1116273.455	477483.3668	1.75	12.8	6/9/2016
Stilling Well-1R	Surface	1116079.17	479344.73	Dry	Dry	9/3/2015
Stilling Well-1R	Surface	1116079.17	479344.73	Dry	Dry	12/15/2015
Stilling Well-1R	Surface	1116079.17	479344.73	Dry	Dry	3/1/2016
Stilling Well-1R2	Surface	1116125.16	479361.91	3.61	22.54	6/9/2016

Notes:
ft bgs: feet below ground surface
ft amsl: feet above mean sea level
USAS: Upper Surficial Aquifer System
LSAS: Lower Shallow Aquifer System
AF: Arcadia Formation
S&P: Salt and Pepper

Figures

Transducer Locations

- Surface
- USAS
- LSAS
- AF Gravels
- S&P Sands
- Lower AF Sands
- Floridan

Former IRA Well Locations

- USAS
- LSAS

Private Well Locations

- Unknown
- USAS
- AF Gravels
- Lower AF Sands
- Floridan

RAPA Well Locations

- USAS
- LSAS
- AF Gravels
- S&P Sands
- Extraction Trench
- Infiltration Gallery

N

0 250 500 1,000 1,500 Ft

Aerial Photograph: January 18-22, 2014

Lockheed Martin Tallevast Site
Tallevast, Florida

Long-Term Water Level Monitoring Transducer Placement Map

TETRA TECH

DATE	FIGURE
9/8/2016	1-1

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Figure 4-1: On-Facility Groundwater Elevation Data, June 2015 - June 2016

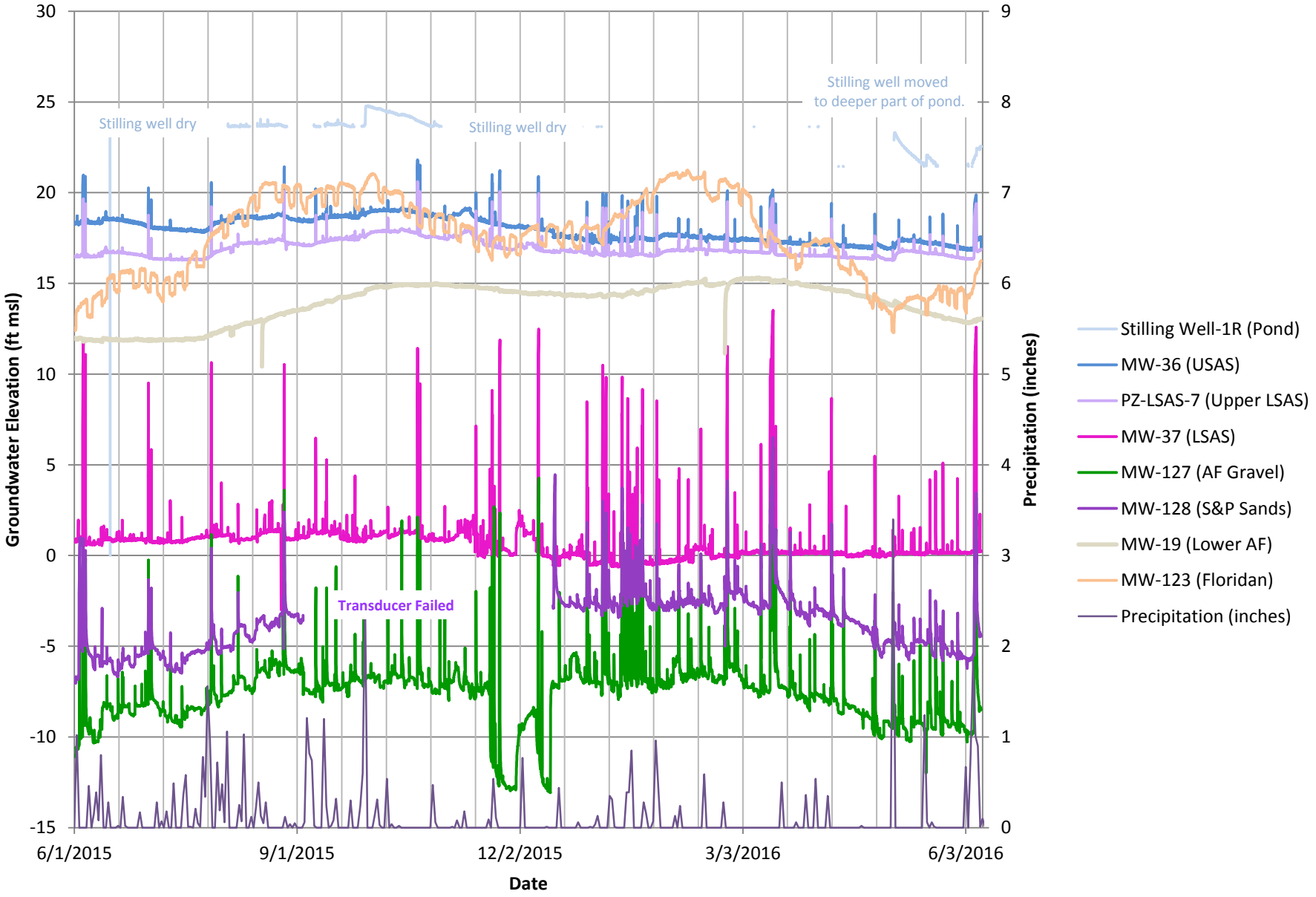


Figure 4-2: Southwest Area Groundwater Elevation Data, June 2015 - June 2016

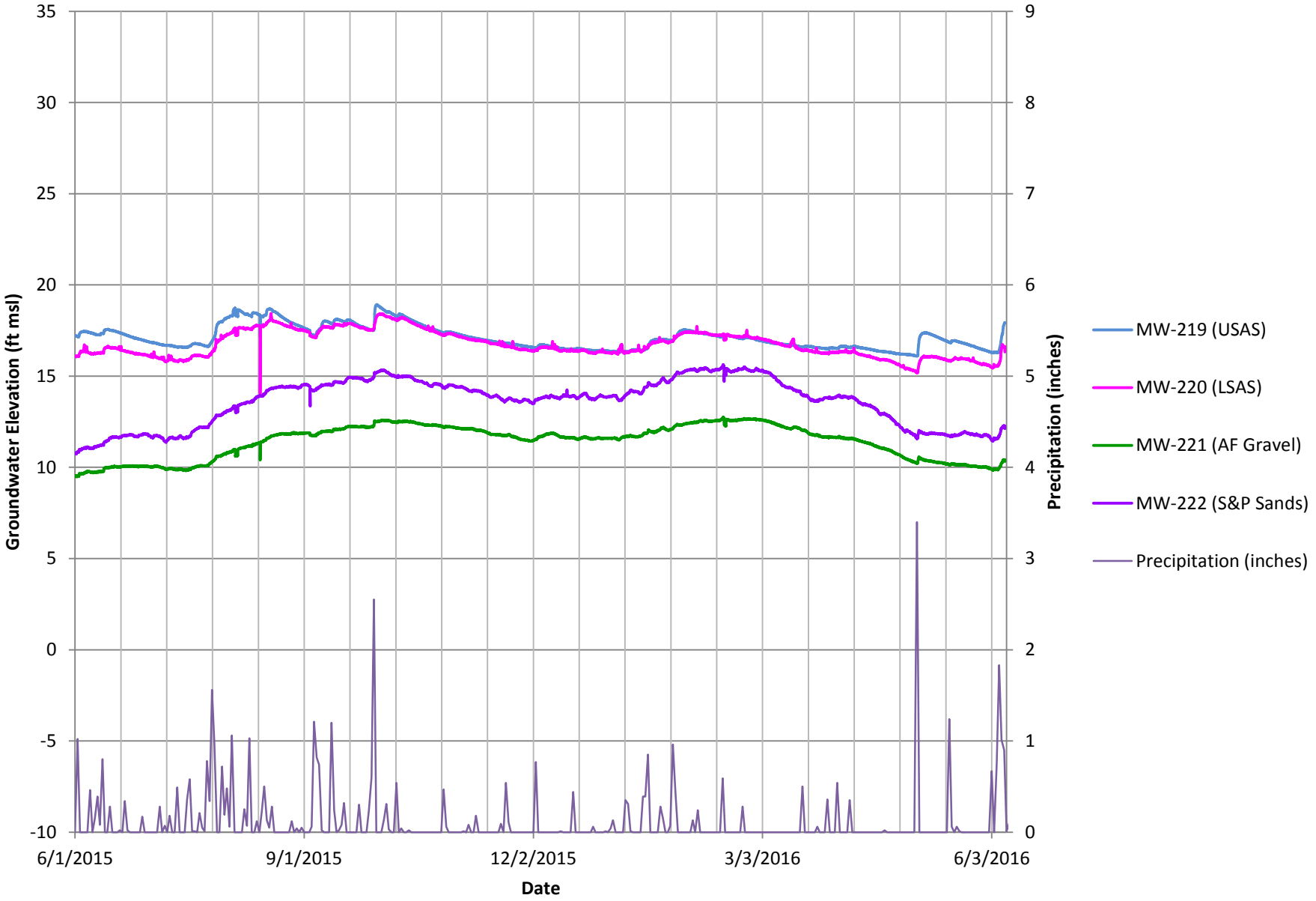


Figure 4-3: Convention Center Groundwater Elevation Data, June 2015 - June 2016

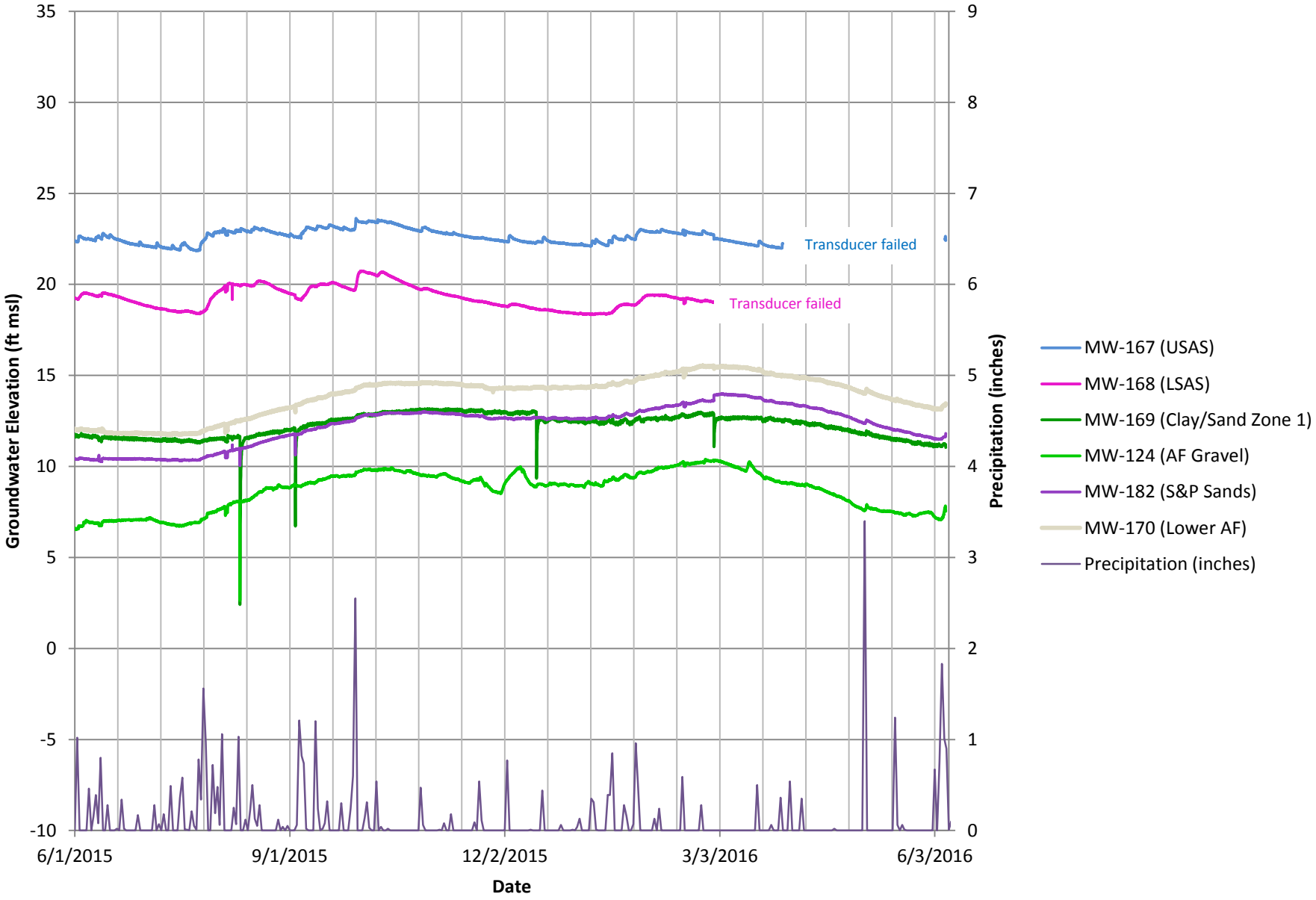


Figure 4-4: Northeast Area Groundwater Elevation Data, June 2015 - June 2016

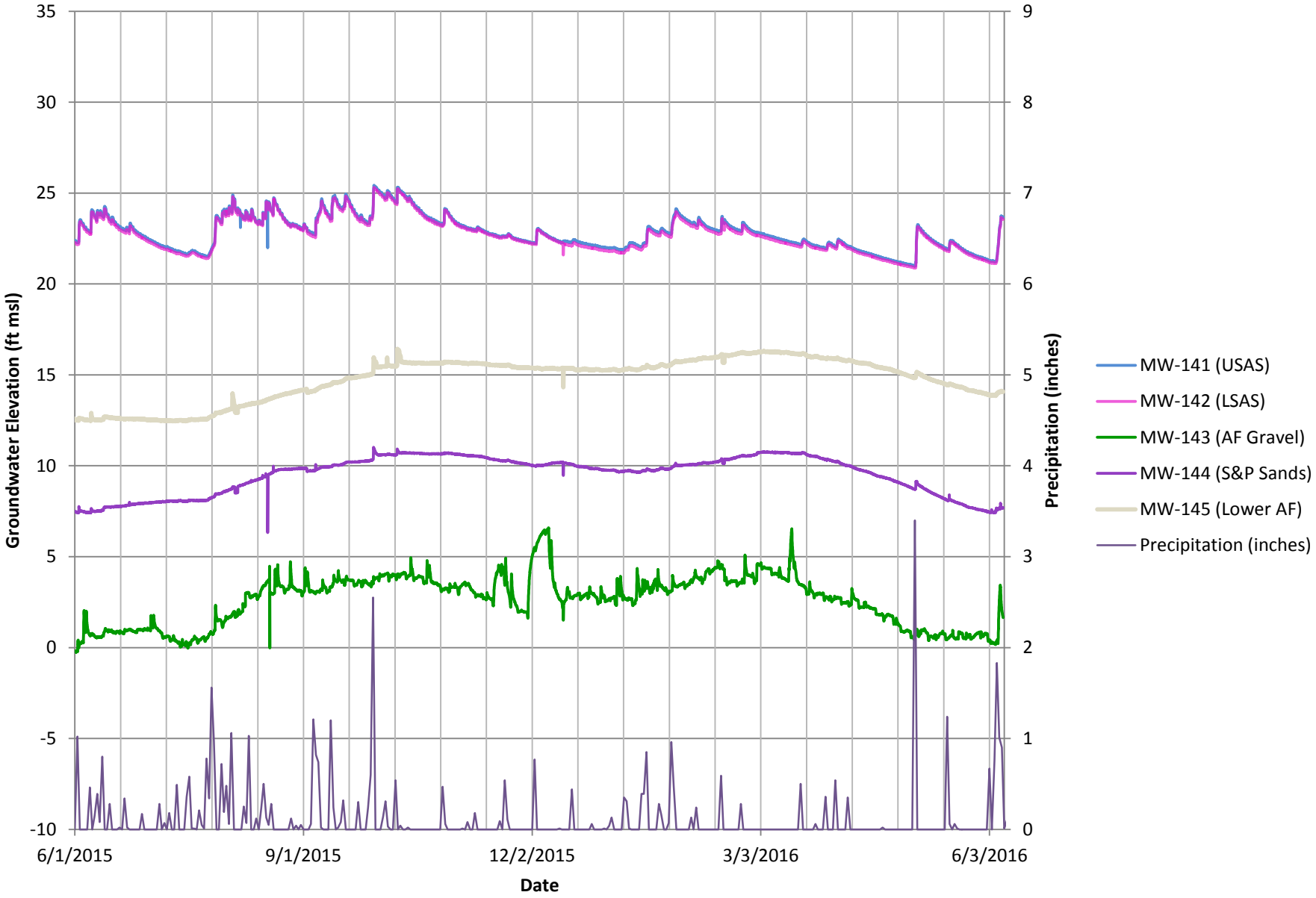


Figure 4-5: Northwest Area Groundwater Elevation Data, June 2015 - June 2016

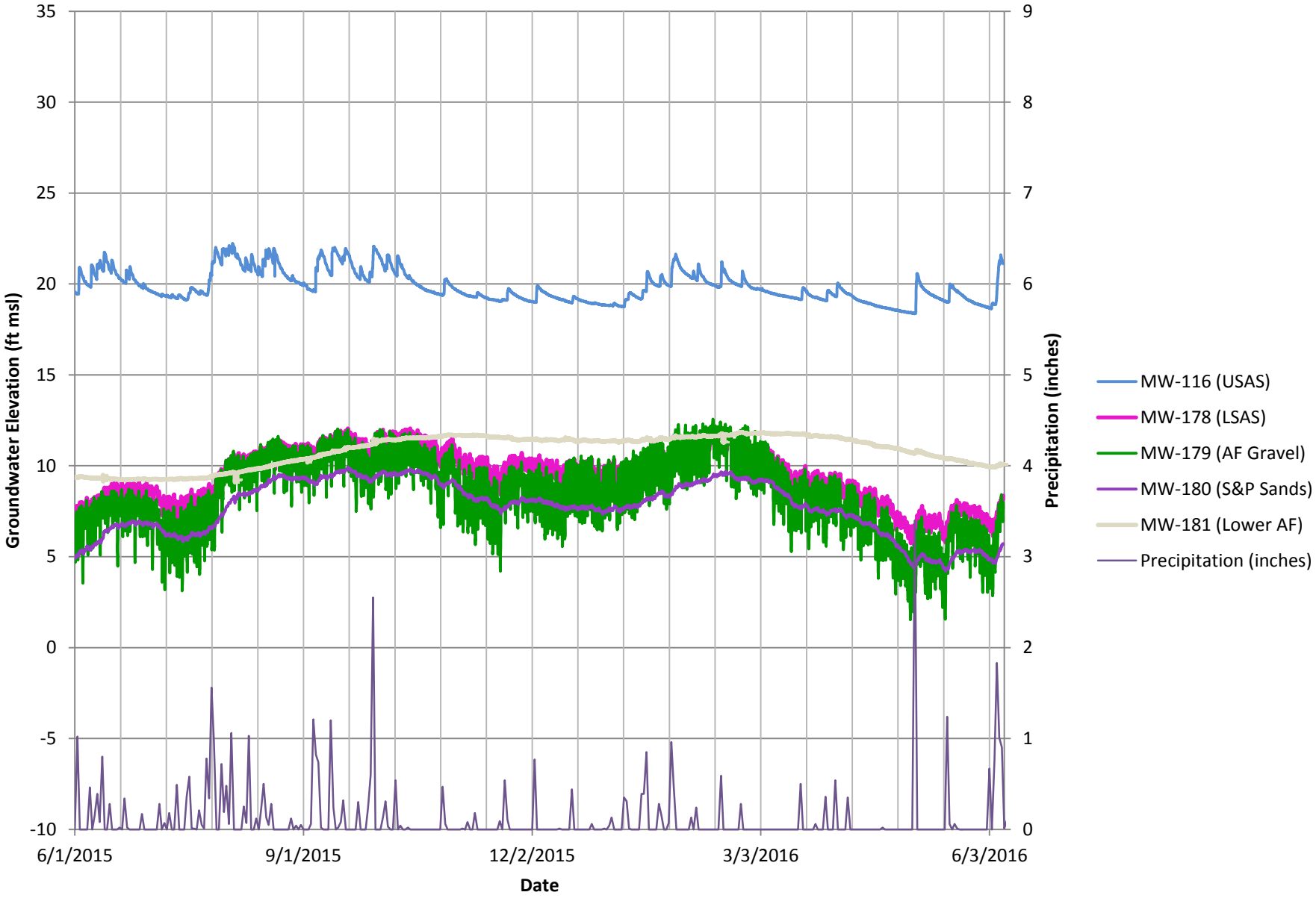


Figure 4-6: Golf Course Groundwater Elevation Data, June 2015 - June 2016

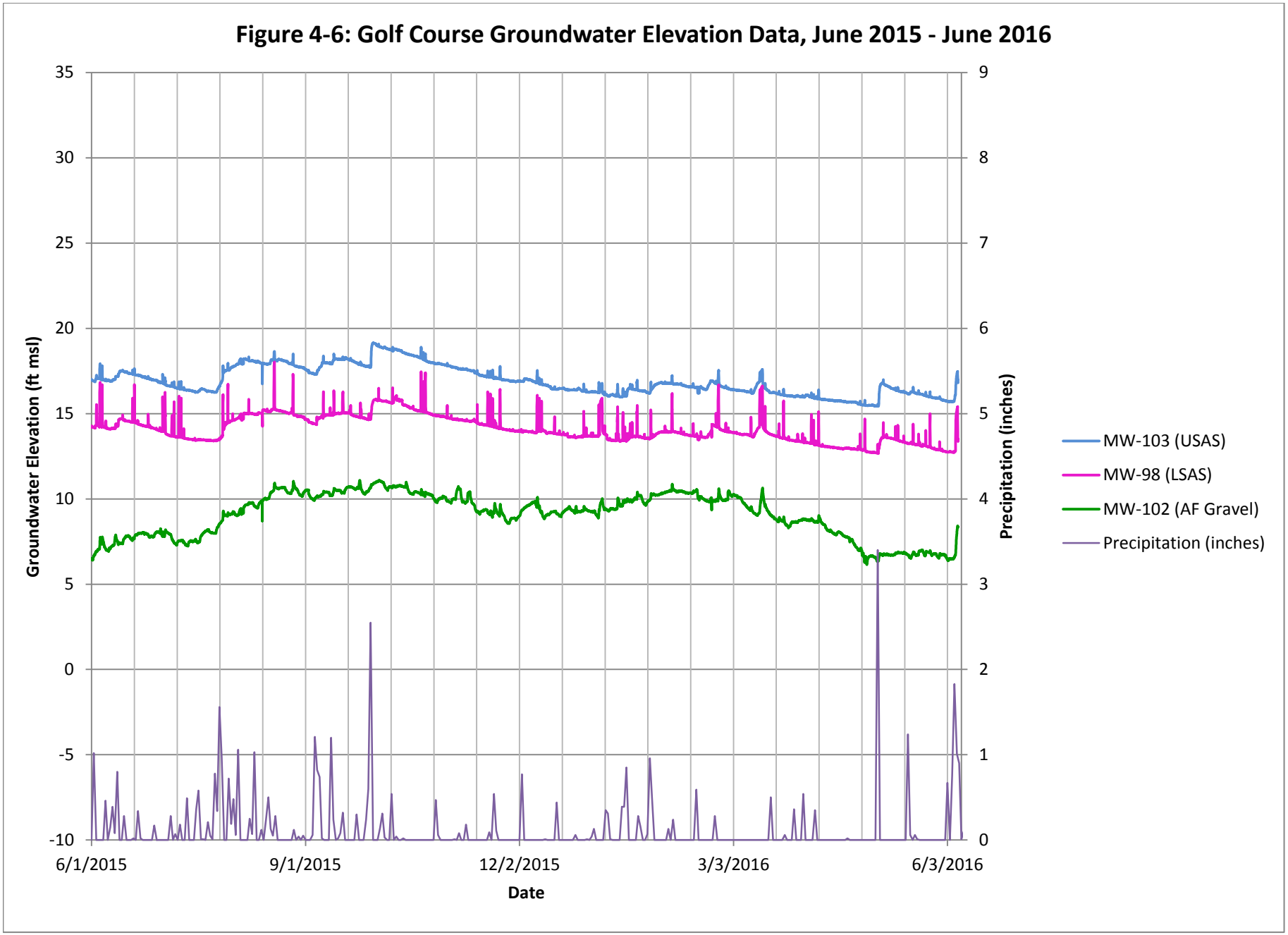


Figure 4-7: Tallevast Road Ditch Groundwater Elevation Data, June 2015 - June 2016

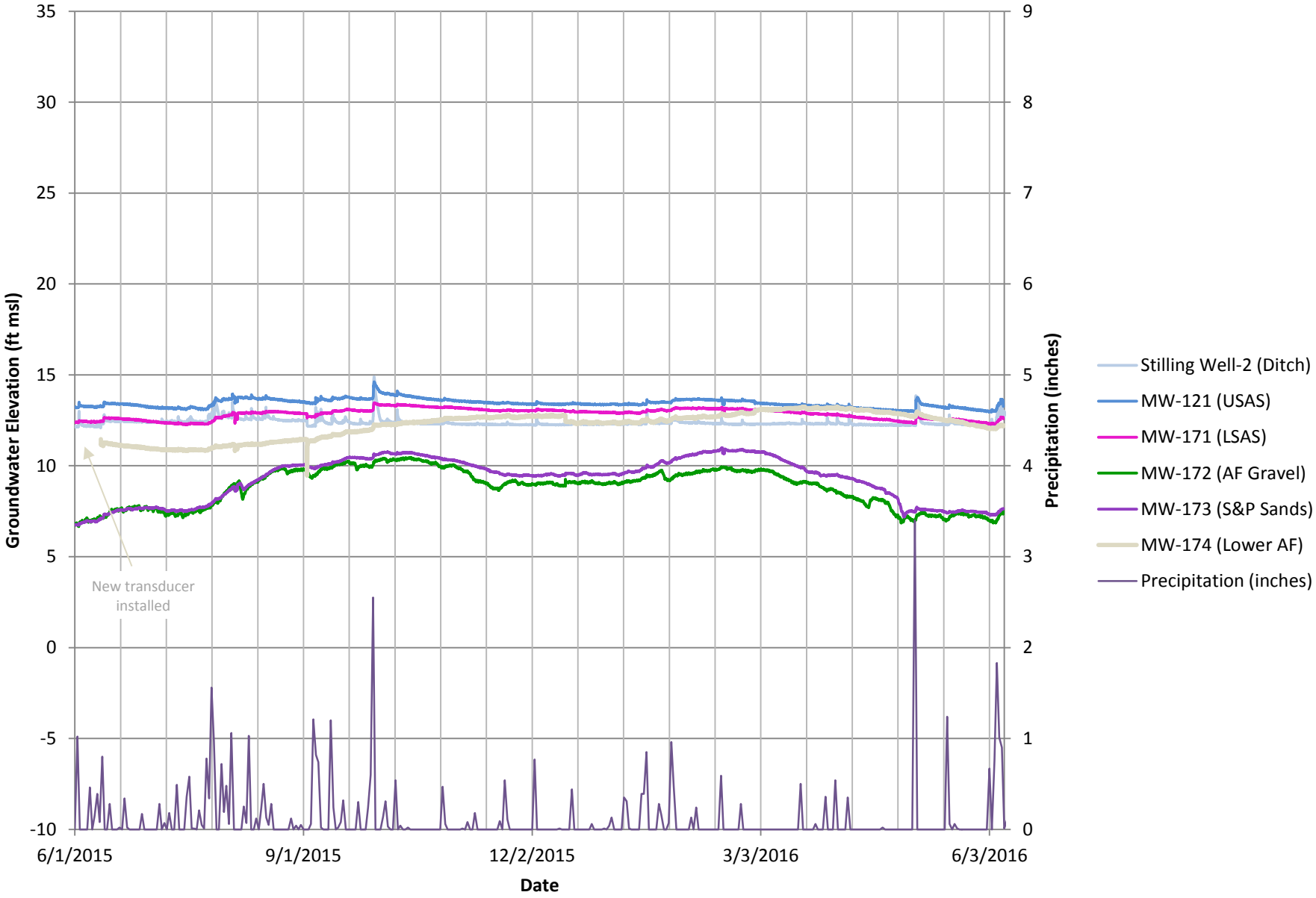


Figure 4-8: Highway 301 Groundwater Elevation Data, June 2015 - June 2016

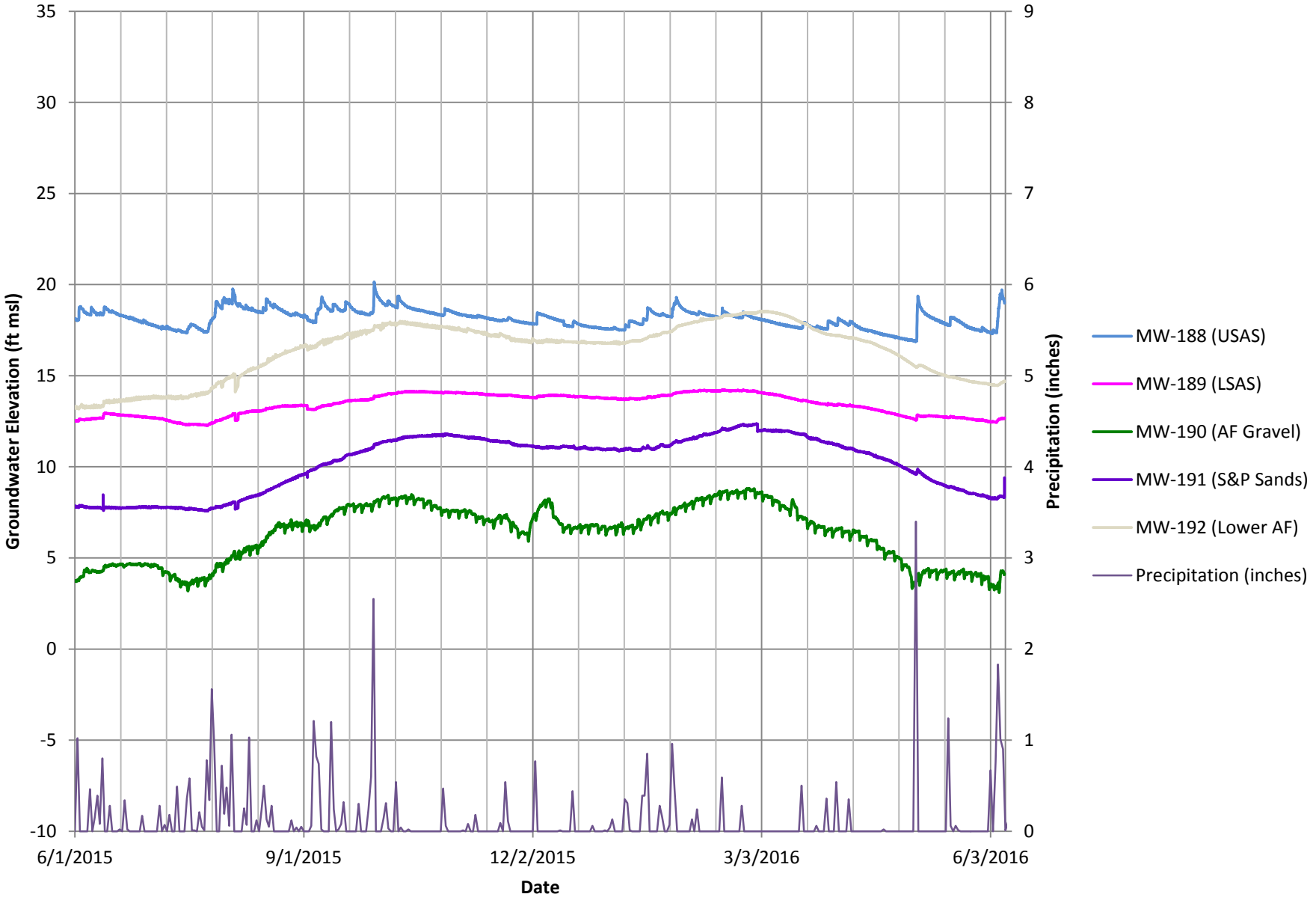
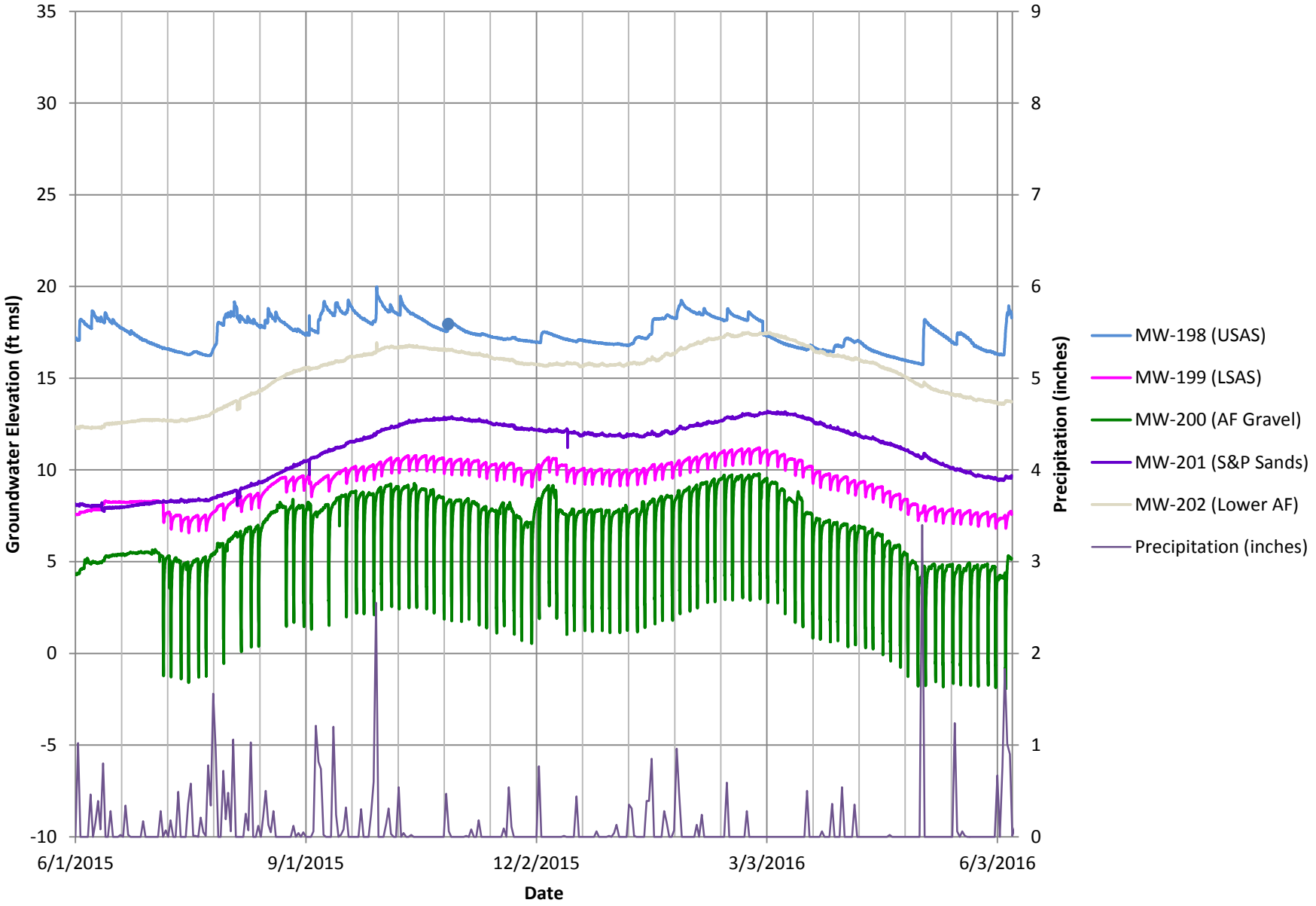


Figure 4-9: East Area Groundwater Elevation Data, June 2015 - June 2016



APPENDIX F – GROUNDWATER LOGS AND CALIBRATION SHEETS

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: IW1-1	SAMPLE ID: IW1-1	DATE: 02/24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 38.10	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 1.54 gallons
= 0.05 gallons + (0.0026 gallons/foot X 140 feet) + 0.10 gallons = 0.51 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 105	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105	PURGING INITIATED AT: 15:29	PURGING ENDED AT: 16:24	TOTAL VOLUME PURGED (gallons): 8.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
15:36	1.00	1.00	0.15	38.73	7.15	25.9	736	0.20	-207	569	Lt. Gray	NONE
15:38	0.30	1.30	↓	↓	7.10	26.2	755	0.20	-210	453	↓	↓
15:40	0.30	1.60			7.12	26.5	781	0.21	-215	357		
15:45	0.75	2.35			7.16	26.6	799	0.22	-228	182		
15:55	1.50	3.85			7.15	26.3	799	0.20	-238	106	NONE	
16:10	2.25	6.10			7.06	25.7	790	0.18	-245	42.4		
16:20	1.50	7.60			7.09	25.7	796	0.16	-255	8.10		
16:22	0.30	7.90			7.10	25.8	798	0.19	-256	5.34		
16:24	0.30	8.20	↓	↓	7.10	25.8	799	0.20	-256	3.75	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 16:24	SAMPLING ENDED AT: 16:26

PUMP OR TUBING DEPTH IN WELL (feet): 105	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y N (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
IW1-1	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW19	SAMPLE ID: MW19	DATE: 02/24/16

PURGING DATA

WELL DIAMETER (inches): 2.5	TUBING DIAMETER (inches): ~~.375~~	WELL SCREEN INTERVAL DEPTH: ~~277~~ feet to 297 feet	STATIC DEPTH TO WATER (feet): 16.41	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (297 feet − 16.41 feet) X .24 gallons/foot = 72.0 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) x3 = gallons
= gallons + (gallons/foot X feet) + 0.10 gallons = gallons

Mital.	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~~0800~~	PURGING INITIATED AT: ~~8~~ 00	PURGING ENDED AT: 1144	TOTAL VOLUME PURGED (gallons): 111.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1030	74.0	74.0	0.50	39.87	7.49	25.37	604	0.47	-300.2	1.34	none	organic
1107	18.5	92.5	0.50	39.87	7.52	25.3	603	0.45	-302.1	1.57	↓	↓
1144	18.5	111.0	0.50	39.87	7.49	25.1	602	0.37	-303.0	1.11	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1145	SAMPLING ENDED AT: 1152
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW19	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-23	SAMPLE ID: MW-23	DATE: 02/24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 152 feet to 172 feet	STATIC DEPTH TO WATER (feet): 21.69	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (172.00 feet – 21.69 feet) X 0.16 gallons/foot = 24.05 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) x3 = gallons
= gallons + (gallons/foot X feet) + 0.10 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.5	PURGING INITIATED AT: 09:51	PURGING ENDED AT: 11:05	TOTAL VOLUME PURGED (gallons): 37.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:41	25.0	25.0	~~0.50~~ 0.50	30.82	7.52	25.2	574	0.48	-167	9.30	NONE	NONE
10:53	6.0	31.0	↓	↓	7.60	25.0	573	0.38	-172	8.28	↓	↓
11:05	6.0	37.0	↓	↓	7.63	25.1	570	0.32	-180	6.51	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 11:05	SAMPLING ENDED AT: 11:07
PUMP OR TUBING DEPTH IN WELL (feet): 31.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-23	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 27	SAMPLE ID: MW27	DATE: 02/22/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 7.72	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) .15 x3 = .45 gallons
= 0 gallons + (0.0014 gallons/foot X 40 feet) + 0.10 gallons = .15 gallons

	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
32.5	32.5	1415	1425	1.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1419	.40	.40	0.10	8.19	5.11	24.3	467	0.46	55.7	2.58	none	none
1421	.20	.60	0.10	8.19	5.12	24.4	468	0.45	54.1	2.52	↓	↓
1423	.20	.80	0.10	8.19	5.12	24.4	468	0.45	54.0	2.40		
1425	.20	1.0	0.10	8.19	5.12	24.4	468	0.44	53.8	2.30		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
J.Wilson AECOM	SJW	1426	1431

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ___ µm
32.5			

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y N (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW27	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW29	SAMPLE ID: MW29	DATE: 02/22/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 5.41	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.14 x3 = .42 gallons
= 0 gallons + (0.0014 gallons/foot X 33 feet) + 0.10 gallons = .14 gallons

27.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	PURGING INITIATED AT: 1610	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1618	.40	.40	0.05	7.16	5.65	25.6	415	0.42	23.9	18.8	none	none
1620	.10	.50	0.05	7.16	5.67	25.5	417	0.39	20.3	19.3		
1622	.10	.60	0.05	7.16	5.67	25.5	419	0.41	19.2	18.2		
1624	.10	.70	0.05	7.16	5.67	25.5	420	0.41	19.0	17.9	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilson AECOM	SAMPLER(S) SIGNATURE(S): STW	SAMPLING INITIATED AT: 1425	SAMPLING ENDED AT: 1430
PUMP OR TUBING DEPTH IN WELL (feet): 27.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW29	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-32	SAMPLE ID: MW-32	DATE: 02/25/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 24.5 feet to 29.5 feet	STATIC DEPTH TO WATER (feet): 11.70	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= 0 gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27	PURGING INITIATED AT: 08:46	PURGING ENDED AT: 08:58	TOTAL VOLUME PURGED (gallons): 0.98

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
08:52	0.50	0.50	0.08	12.91	6.11	24.4	137	0.77	-26	5.23	NONE	NONE
08:54	0.16	0.66	↓	↓	6.10	24.5	137	0.75	-27	4.89	↓	↓
08:56	↓	0.82	↓	↓	6.09	24.5	137	0.74	-28	4.50	↓	↓
08:58	↓	0.98	↓	↓	6.09	24.6	137	0.72	-28	4.23	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 08:56	SAMPLING ENDED AT: 09:00
PUMP OR TUBING DEPTH IN WELL (feet): 27	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-32	4	CG	40mL	HCl	--------	-------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-33	SAMPLE ID: MW-33	DATE: 02/ 23 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 30.68	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.84 gallons
= 0.05 gallons + (0.0026 gallons/foot X 50 feet) + 0.10 gallons = 0.28 gallons

INITIAL PUMP DEPTH IN WELL (feet): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 15:07	PURGING ENDED AT: 15:17	TOTAL VOLUME PURGED (gallons): 1.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
15:11	0.50	0.50	0.125	30.81	6.21	28.1	649	0.71	-95	6.32	NONE	NONE
15:13	0.25	0.75	↓	↓	6.22	28.2	651	0.76	-95	5.83	↓	↓
15:15	↓	1.00	↓	↓	6.23	28.1	647	0.83	-95	4.92	↓	↓
15:17	↓	1.25	↓	↓	6.23	28.1	648	0.80	-96	3.61	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 15:17	SAMPLING ENDED AT: 15:19
PUMP OR TUBING DEPTH IN WELL (feet): 38	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-33	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	(ESP) ~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-34	SAMPLE ID: MW-34	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet): 21.68	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) x3 = 1.01 gallons
= 0 gallons + (0.0014 gallons/foot X 170 feet) + 0.10 gallons = 0.34 gallons

INITIAL TUBING DEPTH IN WELL (feet): 150	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 150	PURGING INITIATED AT: 06:45	PURGING ENDED AT: 07:01	TOTAL VOLUME PURGED (gallons): 1.12

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
06:55	0.70	0.70	0.07	23.01	7.46	22.7	549	1.18	-210.6	18.3	NONE	NONE
06:57	0.14	0.84	↓	↓	7.42	22.8	550	1.09	-211.8	17.5	↓	↓
06:59	↓	0.98	↓	↓	7.39	22.9	550	1.03	-212	16.2	↓	↓
07:01	↓	1.12	↓	↓	7.38	22.9	551	1.00	-212	14.1	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 07:01	SAMPLING ENDED AT: 07:03
PUMP OR TUBING DEPTH IN WELL (feet): 150	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-34	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-35	SAMPLE ID: MW-35	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 11.62	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= 0 gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL DEPTH TUBING IN WELL (feet): 27.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	PURGING INITIATED AT: 07:09	PURGING ENDED AT: 07:20	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
07:14	0.50	0.50	0.10	12.28	5.35	23.8	1332	1.43	+4.0	14.5	NONE	NONE
07:16	0.20	0.70	↓	↓	5.30	23.9	1324	1.56	+7.0	13.9	↓	↓
07:18	↓	0.90	↓	↓	5.26	23.9	1321	1.60	+9.2	13.6	↓	↓
07:20	↓	1.10	↓	↓	5.23	23.9	1316	1.53	+11.3	12.7	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 07:20	SAMPLING ENDED AT: 07:22
PUMP OR TUBING DEPTH IN WELL (feet): 27.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-35	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-36	SAMPLE ID: MW-36	DATE: 02/25/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 14.14	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= 0 gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 07:33	PURGING ENDED AT: 07:45	TOTAL VOLUME PURGED (gallons): 0.98

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
07:39	0.50	0.50	0.08	15.29	15.30	24.3	366	1.22	+50	7.35	NONE	NONE
07:41	0.16	0.66	↓	↓	5.27	24.3	370	1.10	+53	6.52	↓	↓
07:43	↓	0.82	↓	↓	5.24	24.1	371	1.08	+57	6.03	↓	↓
07:45	↓	0.98	↓	↓	5.21	24.2	371	1.05	+60	4.92	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 07:45	SAMPLING ENDED AT: 07:47
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-36	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-37	SAMPLE ID: MW-37	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 31.30	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.92 gallons
= 0.05 gallons + (0.0026 gallons/foot X 60 feet) + 0.10 gallons = 0.31 gallons

INITIAL PUMP DEPTH IN WELL (feet): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 16:12	PURGING ENDED AT: 16:23	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
16:17	0.50	0.50	0.10	32.30	6.62	26.8	579	1.58	-77	23.2	NONE	NONE
16:19	0.20	0.70	↓	↓	6.53	26.6	626	0.75	-78	19.5	↓	↓
16:21	↓	0.90	↓	↓	6.49	26.5	634	0.68	-79	17.6	↓	↓
16:23	↓	1.10	↓	↓	6.47	26.5	639	0.59	-79	13.7	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 16:23	SAMPLING ENDED AT: 16:25
PUMP OR TUBING DEPTH IN WELL (feet): 38	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-37	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-40	SAMPLE ID: MW-40	DATE: 02/25/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 11.51	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.72 gallons
= 0 gallons + (0.0014 gallons/foot X 100 feet) + 0.10 gallons = 0.24 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 08:22	PURGING ENDED AT: 08:35	TOTAL VOLUME PURGED (gallons): 0.92

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
08:29	0.50	0.50	0.07	11.91	5.53	23.1	216	0.64	+12	8.77	NONE	NONE
08:31	0.14	0.64	↓	↓	5.51	23.0	212	0.65	+8	6.53	↓	↓
08:33	↓	0.78	↓	↓	5.48	22.9	208	0.60	+6	4.89	↓	↓
08:35	↓	0.92	↓	↓	5.46	22.8	205	0.58	+4	3.52	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 08:35	SAMPLING ENDED AT: 08:37
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-40	4	CG	40mL	HCl	-------	-------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-41	SAMPLE ID: MW-41	DATE: 02/24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 30.88	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 1.38 gallons
= 0.05 gallons + (0.0026 gallons/foot X 120 feet) + 0.10 gallons = 0.46 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 08:36	PURGING ENDED AT: 09:04	TOTAL VOLUME PURGED (gallons): 2.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
08:41	0.50	0.50	0.10	31.85	6.96	25.7	1002	1.61	-112	157	GRAY	NONE
08:43	0.20	0.70	↓	↓	6.99	25.8	1015	1.33	-119	86.3	NONE	↓
08:50	0.70	1.40			7.01	25.8	1120	0.75	-221	36.8		
09:00	1.00	2.40			7.10	25.6	1128	0.64	-238	18.2		
09:02	0.20	2.60			7.10	25.7	1130	0.63	-239	17.3	↓	
09:04	0.20	2.80	↓	↓	7.10	25.7	1131	0.63	-239	15.4		↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 09:04	SAMPLING ENDED AT: 09:06
PUMP OR TUBING DEPTH IN WELL (feet): 38	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-41	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-42	SAMPLE ID: MW-42	DATE: 02/25/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 12.07	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.55 gallons
= 0 gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 07:56	PURGING ENDED AT: 08:07	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
08:01	0.50	0.50	0.10	13.36	5.42	23.6	196	1.44	+97	5.16	NONE	NONE
08:03	0.20	0.70	↓	↓	5.40	23.7	202	1.31	+94	4.52	↓	↓
08:05	↓	0.90			5.39	23.7	207	1.25	+93	4.13		
08:07	↓	1.10			5.37	23.7	210	1.21	+91	3.88		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 08:07	SAMPLING ENDED AT: 08:09
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-42	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-43	SAMPLE ID: MW-43	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 31.32	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.92 gallons
= 0.05 gallons + (0.0026 gallons/foot X 60 feet) + 0.10 gallons = 0.31 gallons

INITIAL TUBING DEPTH IN WELL (feet): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 15:38	PURGING ENDED AT: 15:56	TOTAL VOLUME PURGED (gallons): 1.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
15:44	0.60	0.60	0.10	31.55	6.33	27.4	722	0.33	-81	116	NONE	NONE
15:52	0.80	1.40	↓	↓	6.58	27.4	913	0.27	-100	20.0	↓	↓
15:54	0.20	1.60			6.65	27.4	925	0.24	-101	18.6		
15:56	↓	1.80			6.69	27.4	939	0.21	-102	15.8		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 15:56	SAMPLING ENDED AT: 15:58
PUMP OR TUBING DEPTH IN WELL (feet): 38	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-43	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	~~APP~~ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-44	SAMPLE ID: MW-44	DATE: 02/24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 142 feet to 152 feet	STATIC DEPTH TO WATER (feet): 26.12	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 1.78 gallons
= 0.05 gallons + (0.0026 gallons/foot X 170 feet) + 0.10 gallons = 0.59 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 147	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 147	PURGING INITIATED AT: 07:20	PURGING ENDED AT: 07:36	TOTAL VOLUME PURGED (gallons): 2.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
07:24	0.50	0.50	0.125	29.34	7.64	24.7	578	1.67	-178	19.5	NONE	NONE
07:26	0.25	0.75	↓	↓	7.62	24.6	582	1.52	-184	17.2	↓	↓
07:28	↓	1.00			7.61	24.6	581	1.47	-190	14.9		
07:30	↓	1.25			7.60	24.6	581	1.43	-191	12.7		
07:36	0.75	2.00			7.56	24.5	581	1.30	-188	10.0		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 07:36	SAMPLING ENDED AT: 07:38
PUMP OR TUBING DEPTH IN WELL (feet): 147	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-44	4	CG	40mL	HCl	--------	-------	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW45	SAMPLE ID: MW45	DATE: 02/25/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 143.27 feet to 158.27 feet	STATIC DEPTH TO WATER (feet): 22.08	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.32 x3 = .96 gallons
= 0 gallons + (0.0014 gallons/foot X 163 feet) + 0.10 gallons = .32 gallons

153.77	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 153.77	PURGING INITIATED AT: 0922	PURGING ENDED AT: 0933	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0927	0.50	0.50	0.10	24.40	8.45	24.5	457	0.56	-117.4	10.3	none	none
0929	.20	0.70	0.10	24.40	8.46	24.4	457	0.62	-117.2	8.31		
0931	.20	0.90	0.10	24.40	8.45	24.4	457	0.58	-117.0	8.13		
0933	.20	1.10	0.10	24.40	8.44	24.4	456	0.52	-117.1	7.61	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON AECOM	SAMPLER(S) SIGNATURE(S): SWF	SAMPLING INITIATED AT: 0934	SAMPLING ENDED AT: 0940
PUMP OR TUBING DEPTH IN WELL (feet): 153.77	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW45	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 47	SAMPLE ID: MW47	DATE: 02/ 23 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 22 feet to 27 feet	STATIC DEPTH TO WATER (feet): 5.91	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0014 gallons/foot X 30 feet) + 0.10 gallons = .14 x3 = .42 gallons = 0.14 gallons

24.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.5	PURGING INITIATED AT: 1400	PURGING ENDED AT: 1412	TOTAL VOLUME PURGED (gallons): 1.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1406	.30	.30	0.05	7.62	5.98	26.4	503	0.98	46.8	15.2	none	none
1408	.10	.40	0.05	7.62	5.95	26.4	510	0.82	46.8	11.1	↓	↓
1410	.10	.50	0.05	7.62	5.95	26.4	511	0.67	46.7	10.6	↓	↓
1412	.10	.60	0.05	7.62	5.94	26.4	511	0.63	46.8	7.74	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1413	SAMPLING ENDED AT: 1418

PUMP OR TUBING DEPTH IN WELL (feet): 24.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW47	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW48	SAMPLE ID: MW48	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 335 feet to 385 feet	STATIC DEPTH TO WATER (feet): 26.92	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) .015 x3 = .45 gallons
= 0 gallons + (.00014 gallons/foot X 40 feet) + 0.10 gallons = .015 gallons

FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36.0	PURGING INITIATED AT: 1453	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1459	.30	.30	0.05	28.16	6.17	27.4	1091	0.40	-37.7	9.92	none	none
1501	.10	.40	0.05	28.16	6.17	27.3	1092	0.39	-37.6	7.95	↓	↓
1503	.10	.50	0.05	28.16	6.17	27.4	1093	0.36	-37.7	7.46	↓	↓
1505	.10	.60	0.05	28.16	6.16	27.3	1092	0.37	-37.8	6.91	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1506	SAMPLING ENDED AT: 1511
PUMP OR TUBING DEPTH IN WELL (feet): 36.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW48	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 54	SAMPLE ID: MW54	DATE: 02/22/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet): 19.47	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet − feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.32 x3 = .96 gallons
= 0 gallons + (0.0014 gallons/foot X 160 feet) + 0.10 gallons = .32 gallons

FINAL PUMP OR TUBING DEPTH IN WELL (feet): 150.0	PURGING INITIATED AT: 1438	PURGING ENDED AT: 1449	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1443	.50	.50	0.10	21.37	6.61	24.2	532	0.44	-129.8	4.71	none	organic
1445	.20	.70	.10	21.37	6.68	24.2	533	0.41	-129.8	4.46	↓	↓
1447	.20	.90	0.10	21.37	6.68	24.2	533	0.40	-129.7	3.82		
1449	.20	1.10	0.10	21.37	6.69	24.2	534	0.40	-129.8	3.21		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1450	SAMPLING ENDED AT: 1456
PUMP OR TUBING DEPTH IN WELL (feet): 150.0	TUBING MATERIAL CODE: **HDPE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW54	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-57	SAMPLE ID: MW-57	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 136 feet to 146 feet	STATIC DEPTH TO WATER (feet): 21.24	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 1.10 gallons
= 0 gallons + (0.0014 gallons/foot X 190 feet) + 0.10 gallons = 0.37 gallons

INITIAL TUBING DEPTH IN WELL (Feet): 141	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 141	PURGING INITIATED AT: 10:49	PURGING ENDED AT: 11:05	TOTAL VOLUME PURGED (gallons): 1.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:59	1.00	1.00	0.10	22.38	11.26	28.5	785	1.24	-77	3.81	NONE	NONE
11:01	0.20	1.20	↓	↓	11.29	28.6	794	1.22	-84	3.65	↓	↓
11:03	↓	1.40	↓	↓	11.30	28.5	804	1.23	-93	3.48	↓	↓
11:05	↓	1.60	↓	↓	11.30	28.5	812	1.20	-98	3.29	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 11:05	SAMPLING ENDED AT: 11:07
PUMP OR TUBING DEPTH IN WELL (feet): 141	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-57	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW63	SAMPLE ID: MW63	DATE: 02/23 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25"	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 4.25	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.00014 gallons/foot X 35 feet) + 0.10 gallons = .14 x3 = .44 gallons

27.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	PURGING INITIATED AT: 0951	PURGING ENDED AT: 1005	TOTAL VOLUME PURGED (gallons): .70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0959	.40	.40	0.05	4.63	5.76	240	553	0.58	23.8	6.23	none	none
1001	.10	.50	0.05	4.63	5.76	240	553	0.58	24.0	3.84	↓	↓
1003	.10	.60	0.05	4.63	5.76	240	555	0.59	24.0	2.33		
1005	.10	.70	0.05	4.63	5.77	240	554	0.58	24.1	2.01	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1006	SAMPLING ENDED AT: 1011
PUMP OR TUBING DEPTH IN WELL (feet): 27.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW63	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **LMC Tallevast Site**	SITE LOCATION: **1600 Tallevast Road, Sarasota, FL 34243**	
WELL NO: MW65	SAMPLE ID: MW65	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 19 feet to 24 feet	STATIC DEPTH TO WATER (feet): 6.17	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.14 x3 = .42 gallons
= gallons + (0.0014 gallons/foot X 30 feet) + 0.10 gallons = .14 gallons

21.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.5	PURGING INITIATED AT: 1135	PURGING ENDED AT: 1147	TOTAL VOLUME PURGED (gallons): 6.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1141	.30	.30	0.05	8.31	6.20	24.2	463	0.44	444.2	15.7	none	none
1143	.10	.40	0.05	8.31	6.20	24.2	463	0.44	437	16.7	"	"
1145	.10	.50	0.05	8.31	6.20	24.2	463	0.42	435	15.1	"	"
1147	.10	.60	0.05	8.31	6.20	24.3	463	0.41	434	15.3	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1148	SAMPLING ENDED AT: 1153
PUMP OR TUBING DEPTH IN WELL (feet): 21.5	TUBING MATERIAL CODE: **HDPE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW65	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 68	SAMPLE ID: MW 68	DATE: ~~02/23/16~~ 03-03/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 21.46	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet − feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.20 x3 = .60 gallons
= 0 gallons + (0.0014 gallons/foot X 75 feet) + 0.10 gallons = .20 gallons

38.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.0	PURGING INITIATED AT: 1100	PURGING ENDED AT: 1116	TOTAL VOLUME PURGED (gallons): 0.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1100	0.50	0.50	0.05	21.95	7.63	25.61	~~532.0~~	2.47	-160.9	1.54	None	None
1112	0.10	0.60	0.05	21.95	7.63	25.61	532.0	2.45	-161.2	1.15	↓	↓
1114	0.10	0.70	0.05	21.95	7.62	25.61	533	2.44	-161.3	0.75		
1116	0.10	0.80	0.05	21.95	7.62	25.61	5.35	2.44	-161.3	0.63	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1117	SAMPLING ENDED AT: 1123
PUMP OR TUBING DEPTH IN WELL (feet): 38.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW68	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS: High BVT Stable DO

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-69	SAMPLE ID: MW-69	DATE: 02/ 22 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 4.88	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= 0 gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 15:23	PURGING ENDED AT: 15:34	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
15:28	0.50	0.50	0.10	5.82	5.25	26.7	251	1.12	-29.5	3.68	NONE	NONE
15:30	0.20	0.70	↓	↓	5.28	26.7	253	1.19	-33.2	3.72	↓	↓
15:32	↓	0.90	↓	↓	5.27	26.7	254	1.22	-35.8	3.51	↓	↓
15:34	↓	1.10	↓	↓	5.27	26.7	255	1.25	-43.2	3.63	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 15:34	SAMPLING ENDED AT: 15:36
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-69	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 71	SAMPLE ID: MW 71	DATE: 02/24/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 24 feet to 29 feet	STATIC DEPTH TO WATER (feet): 9.78	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.15 x3 = .45 gallons
= 0 gallons + (0.0014 gallons/foot X 40 feet) + 0.10 gallons = .15 gallons

26.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5	PURGING INITIATED AT: 1610	PURGING ENDED AT: 1626	TOTAL VOLUME PURGED (gallons): 1.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1620	.50	.50	0.05	11.93	6.02	25.9	161	0.71	56.1	4.58	none	NOR
1622	.10	.60	0.05	11.93	5.98	25.9	163	0.75	56.0	2.91	↓	↓
1624	.10	.70	0.05	11.93	5.98	25.9	163	0.72	56.0	4.31		
1626	.10	0.80	0.05	11.93	5.97	25.9	164	0.63	55.9	3.15	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1627	SAMPLING ENDED AT: 1634

PUMP OR TUBING DEPTH IN WELL (feet): 26.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW71	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-72	SAMPLE ID: MW-72	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23.5 feet to 28.5 feet	STATIC DEPTH TO WATER (feet): 8.73	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= 0 gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL TUBING DEPTH IN WELL (feet): 26	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26	PURGING INITIATED AT: 11:30	PURGING ENDED AT: 11:45	TOTAL VOLUME PURGED (gallons): 1.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:35	0.50	0.50	0.10	10.76	6.14	27.2	518	0.39	-56	42.3	NONE	NONE
11:37	0.20	0.70	↓	↓	5.98	27.2	533	0.38	-62	30.3	↓	↓
11:39	↓	0.90	↓	↓	5.93	27.2	543	0.38	-66	24.8	↓	↓
11:41	↓	1.10	↓	↓	5.91	27.2	553	0.39	-69	19.6	↓	↓
11:43	↓	1.30	↓	↓	5.85	27.3	562	0.35	-72	18.4	↓	↓
11:45	↓	1.50	↓	↓	5.80	27.3	578	0.33	-73	17.9	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 11:45	SAMPLING ENDED AT: 11:53
PUMP OR TUBING DEPTH IN WELL (feet): 26	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-72	16	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:
Equipment Blank (BLANK – 34) collected @ 11:18 , DUP @ 11:47 , MS @ 11:49 , and MSD @ 11:51 .

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-75	SAMPLE ID: MW-75	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 39.5 feet to 44.5 feet	STATIC DEPTH TO WATER (feet): 11.77	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.55 gallons
= 0 gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

INITIAL TUBING DEPTH IN WELL (feet): 42	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 42	PURGING INITIATED AT: 07:29	PURGING ENDED AT: 07:40	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
07:34	0.50	0.50	0.10	12.09	5.05	23.8	1130	1.12	+67	6.82	NONE	NONE
07:36	0.70	0.90	↓	↓	5.08	23.9	1126	1.08	+56	6.63	↓	↓
07:38	↓	0.90			5.09	24.0	1125	1.02	+52	6.51		
07:40	↓	1.10			5.10	24.0	1123	0.97	+49	6.37		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 07:40	SAMPLING ENDED AT: 07:42
PUMP OR TUBING DEPTH IN WELL (feet): 42	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-75	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **LMC Tallevast Site**	SITE LOCATION: **1600 Tallevast Road, Sarasota, FL 34243**	
WELL NO: MW 79	SAMPLE ID: MW 79	DATE: **02/ 23 /16**

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 36 feet to 41 feet	STATIC DEPTH TO WATER (feet): 22.24	PURGE PUMP TYPE OR BAILER: AP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.16 x3 = .48 gallons
= 0 gallons + (0.0014 gallons/foot X 45 feet) + 0.10 gallons = .16 gallons

38.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	PURGING INITIATED AT: 1105	PURGING ENDED AT: 1117	TOTAL VOLUME PURGED (gallons): .60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1111	.30	.30	0.05	23.68	6.37	25.6	488	0.34	-41.9	4.69	none	none
1113	.10	.40	0.05	23.68	6.38	25.6	485	0.31	-42.3	3.77	↓	↓
1115	.10	.50	0.05	23.68	6.38	25.6	485	0.31	-42.3	3.47		
1117	.10	.60	0.05	23.68	6.38	25.6	485	0.31	-42.4	2.96	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1118	SAMPLING ENDED AT: 1125
PUMP OR TUBING DEPTH IN WELL (feet): 38.5	TUBING MATERIAL CODE: **HDPE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW79	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-80	SAMPLE ID: MW-80	DATE: 02/23 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 36 feet to 41 feet	STATIC DEPTH TO WATER (feet): 25.83	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= 0 gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL TUBING DEPTH IN WELL Feet): 38.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	PURGING INITIATED AT: 11:55	PURGING ENDED AT: 12:06	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:00	0.50	0.50	0.10	26.07	6.80	27.3	1471	0.63	-58	5.22	NONE	NONE
12:02	0.20	0.70	↓	↓	6.78	27.3	1486	0.47	-59	4.68	↓	↓
12:04	↓	0.90	↓	↓	6.76	27.3	1495	0.38	-60	4.29	↓	↓
12:06	↓	1.10	↓	↓	6.75	27.3	1502	0.35	-60	3.75	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 12:06	SAMPLING ENDED AT: 12:08
PUMP OR TUBING DEPTH IN WELL (feet): 38.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-80	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW81	SAMPLE ID: MW81	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 36 feet to 41 feet	STATIC DEPTH TO WATER (feet): 28.55	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.16 x3 = .48 gallons
= 0 gallons + (0.0014 gallons/foot X 46 feet) + 0.10 gallons = .16 gallons

38.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	PURGING INITIATED AT: 1330	PURGING ENDED AT: 1341	TOTAL VOLUME PURGED (gallons): .55

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1335	.25	.25	0.05	28.84	6.51	27.10	800	0.34	24.9	3.25	none	none
1337	.10	.35	0.05	28.84	6.53	27.0	803	0.38	24.8	2.0		
1339	.10	.45	0.05	28.84	6.52	27.0	803	0.38	24.8	2.02		
1341	.10	.55	0.05	28.84	6.52	27.0	803	0.40	24.7	1.97		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1342	SAMPLING ENDED AT: 1347
PUMP OR TUBING DEPTH IN WELL (feet): 38.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW81	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-82	SAMPLE ID: MW-82	DATE: 02/ 22 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 36.5 feet to 41.5 feet	STATIC DEPTH TO WATER (feet): 14.62	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet − feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.55 gallons
= 0 gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

INITIAL TUBING DEPTH IN WELL (FEET): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 12:46	PURGING ENDED AT: 12:59	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:51	0.50	0.50	0.10	15.96	7.01	25.2	897	1.00	-61.9	8.05	NONE	NONE
12:53	0.20	0.70	↓	↓	7.01	25.2	891	0.81	-66.2	7.62	↓	↓
12:57	↓	0.90	↓	↓	7.02	25.3	888	0.59	-69.3	3.83	↓	↓
12:59	↓	1.10	↓	↓	7.01	25.3	887	0.53	-71.0	3.59	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 12:59	SAMPLING ENDED AT: 13:01
PUMP OR TUBING DEPTH IN WELL (feet): 38	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-82	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-85	SAMPLE ID: MW-85	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 50 feet to 55 feet	STATIC DEPTH TO WATER (feet): 16.76	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.59 gallons
= 0 gallons + (0.0014 gallons/foot X 70 feet) + 0.10 gallons = 0.20 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 52.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 52.5	PURGING INITIATED AT: 08:40	PURGING ENDED AT: 08:51	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
08:45	0.50	0.50	0.10	17.49	7.05	25.8	969	0.73	-70	0.76	NONE	NONE
08:47	0.20	0.70	↓	↓	7.04	25.8	946	0.68	-82	0.94	↓	↓
08:49	↓	0.90	↓	↓	7.03	25.9	965	0.63	-89	0.82	↓	↓
08:51	↓	1.10	↓	↓	7.04	25.9	978	0.66	-94	0.68	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 08:51	SAMPLING ENDED AT: 08:59
PUMP OR TUBING DEPTH IN WELL (feet): 52.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-85	16	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:
Equipment Blank (BLANK – 33) collected @ 08:35, DUP @ 08:53, MS @ 08:55, and MSD @ 08:57.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-86R	SAMPLE ID: MW-86R	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30 feet to 40 feet	STATIC DEPTH TO WATER (feet): 22.65	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.72 gallons
= 0 gallons + (0.0014 gallons/foot X 100 feet) + 0.10 gallons = 0.24 gallons

INITIAL TUBING DEPTH IN WELL (feet): 35	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 10:10	PURGING ENDED AT: 10:23	TOTAL VOLUME PURGED (gallons): 0.92

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:17	0.50	0.50	0.07	24.07	6.62	24.6	804	0.62	-69	0.76	NONE	NONE
10:19	0.14	0.64	↓	↓	6.60	24.4	810	0.64	-67	0.67	↓	↓
10:21	↓	0.78	↓	↓	6.59	24.3	810	0.59	-67	0.51	↓	↓
10:23	↓	0.92	↓	↓	6.59	24.3	809	0.60	-68	0.48	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 10:23	SAMPLING ENDED AT: 10:25
PUMP OR TUBING DEPTH IN WELL (feet): 35	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-86R	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW91	SAMPLE ID: MW91	DATE: 02/22/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 32.5 feet to 37.5 feet	STATIC DEPTH TO WATER (feet): 18.86	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet − feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.15 x3 = 45 gallons
= 0 gallons + (0.0014 gallons/foot X 42 feet) + 0.10 gallons = .15 gallons

	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
35.0	35.0	1541	1551	1.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1545	.40	.40	0.10	23.43	6.29	25.8	616	0.35	-43.4	7.93	none	none
1547	.20	.60	0.10	23.43	6.28	25.8	616	0.34	-43.6	1.42		
1549	.20	.80	0.10	23.43	6.28	25.8	616	0.34	-43.3	2.31		
1551	.20	1.0	0.10	23.43	6.28	25.8	617	0.35	-43.3	1.97		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1552	SAMPLING ENDED AT: 1557
PUMP OR TUBING DEPTH IN WELL (feet): 35.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW91	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW94	SAMPLE ID: MW94	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 22 feet to 27 feet	STATIC DEPTH TO WATER (feet): 7.01	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet − feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.14 x3 = .42 gallons
= 0 gallons + (0.0014 gallons/foot X 30 feet) + 0.10 gallons = .14 gallons

24.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.5	PURGING INITIATED AT: 0845	PURGING ENDED AT: 0859	TOTAL VOLUME PURGED (gallons): .70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0853	.40	.40	0.05	7.78	5.22	23.1	341	0.73	69.4	2.52	none	none
0855	.10	.50	0.05	7.78	5.20	23.1	345	0.73	72.1	2.40		
0857	.10	.60	0.05	7.78	5.20	23.1	346	0.73	72.3	2.38		
0859	.10	.70	0.05	7.78	5.20	23.1	346	0.75	72.9	2.10		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0900	SAMPLING ENDED AT: 0905
PUMP OR TUBING DEPTH IN WELL (feet): 24.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ___ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW94	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-98	SAMPLE ID: MW-98	DATE: 02/22/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 33 feet to 38 feet	STATIC DEPTH TO WATER (feet): 11.78	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) x3 = 0.55 gallons
= 0 gallons + (0.0014 gallons/foot X 600 feet) + 0.10 gallons = 0.18 gallons

INITIAL TUBING DEPTH IN WELL (feet): 35.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35.5	PURGING INITIATED AT: 14:33	PURGING ENDED AT: 14:44	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
14:38	0.50	0.50	0.10	14.03	6.43	25.1	1247	0.85	-78.1	3.71	NONE	NONE
14:40	0.20	0.70			6.47	25.1	1215	0.83	-81.8	3.59		
14:42	↓	0.90	↓	↓	6.50	25.0	1203	0.80	-82.3	3.60	↓	↓
14:44	↓	1.10	↓	↓	6.52	25.0	1210	0.80	-84.9	3.48	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 14:44	SAMPLING ENDED AT: 14:46
PUMP OR TUBING DEPTH IN WELL (feet): 35.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-98	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-100	SAMPLE ID: MW-100	DATE: 02/ 22 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 11.14	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= 0 gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL TUBING DEPTH IN WELL (feet): 27.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	PURGING INITIATED AT: 13:05	PURGING ENDED AT: 13:16	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
13:10	0.50	0.50	0.10	11.94	5.35	27.7	784	0.99	+13.6	18.2	NONE	NONE
13:12	0.20	0.70	↓	↓	5.36	27.7	802	0.98	+10.8	16.3	↓	↓
13:14	↓	0.90	↓	↓	5.36	27.7	810	1.02	+9.2	14.2	↓	↓
13:16	↓	1.10	↓	↓	5.36	27.8	814	1.00	+8.4	12.7	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 13:16	SAMPLING ENDED AT: 13:18
PUMP OR TUBING DEPTH IN WELL (feet): 27.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-100	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-101	SAMPLE ID: MW-101	DATE: 02/22/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 53 feet to 58 feet	STATIC DEPTH TO WATER (feet): 14.44	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.62 gallons
= 0 gallons + (0.0014 gallons/foot X 75 feet) + 0.10 gallons = 0.21 gallons

INITIAL TUBING DEPTH IN WELL (feet): 55.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 55.5	PURGING INITIATED AT: 12:17	PURGING ENDED AT: 12:29	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:23	0.50	0.50	0.10	16.85	7.39	27.6	512	1.68	-90.2	4.49	NONE	NONE
12:25	0.20	0.70	↓	↓	7.31	27.9	440	1.51	-100.7	4.28	↓	↓
12:27	↓	0.90			7.27	27.8	435	1.52	-104.1	3.90		
12:29	↓	1.10	↓	↓	7.25	27.8	440	1.50	-106.9	3.63	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 12:29	SAMPLING ENDED AT: 12:31
PUMP OR TUBING DEPTH IN WELL (feet): 55.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-101	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-102	SAMPLE ID: MW-102	DATE: 02/22/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 15.86	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.76 gallons
= 0 gallons + (0.0014 gallons/foot X 110 feet) + 0.10 gallons = 0.25 gallons

INITIAL TUBING DEPTH IN WELL (FEET): 95	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95	PURGING INITIATED AT: 13:40	PURGING ENDED AT: 13:57	TOTAL VOLUME PURGED (gallons): 1.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
13:45	0.50	0.50	0.10	16.18	7.41	25.8	489	1.01	-132.4	32.9	NONE	NONE
13:47	0.20	0.70			7.38	25.9	477	0.82	-141.8	27.6		
13:49		0.90			7.29	25.9	898	0.77	-149.9	21.5		
13:51		1.10			7.26	25.9	1072	0.77	-158.3	15.7		
13:53		1.30			7.25	25.9	1125	0.77	-163.9	13.0		
13:55		1.50			7.24	25.8	1165	0.77	-169.3	11.1		
13:57		1.70			7.24	25.9	1180	0.75	-173.6	10.4		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 13:57	SAMPLING ENDED AT: 14:05
PUMP OR TUBING DEPTH IN WELL (feet): 95	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-102	16	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:
Equipment Blank (BLANK – 32) collected @ 13:28 , DUP @ 13:59 , MS @ 14:01 , and MSD @ 14:03 .

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: ~~MW8~~ MW104	SAMPLE ID: MW104	DATE: 02/22/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 7.94	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

.15 x3 = .45 gallons

= 0 gallons + (.0014 gallons/foot X 40 feet) + 0.10 gallons = gallons

27.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	PURGING INITIATED AT: 1350	PURGING ENDED AT: 1401	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1355	.50	.50	0.10	8.21	5.51	24.4	333	0.88	46.3	4.9	none	none
1357	.20	.70	0.10	8.21	5.42	24.3	335	0.85	46.2	3.5		
1359	.20	.90	0.10	8.21	5.42	24.3	335	0.79	46.2	3.1		
1401	.20	1.10	0.10	8.21	5.42	24.3	336	0.71	46.2	2.8	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON AECOM	SAMPLER(S) SIGNATURE(S): STW	SAMPLING INITIATED AT: 1402	SAMPLING ENDED AT: 1407
PUMP OR TUBING DEPTH IN WELL (feet): 27.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW104	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-108	SAMPLE ID: MW-108	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 3.72	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) x3 = 0.51 gallons
= 0 gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 07:52	PURGING ENDED AT: 08:03	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
07:57	0.50	0.50	0.10	4.29	6.19	24.9	567	0.87	+10	1.02	NONE	NONE
07:59	0.20	0.70	↓	↓	6.13	25.0	565	0.89	+8	1.38	↓	↓
08:01	↓	0.90	↓	↓	6.10	25.0	561	0.87	+5	0.95	↓	↓
08:03	↓	1.10	↓	↓	6.08	25.0	560	0.86	+4	1.04	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 08:03	SAMPLING ENDED AT: 08:05
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-108	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **LMC Tallevast Site**	SITE LOCATION: **1600 Tallevast Road, Sarasota, FL 34243**	
WELL NO: MW 114	SAMPLE ID: MW114	DATE: **02/23 /16**

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 5.36	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.00014 gallons/foot X 45 feet) + 0.10 gallons = .16 gallons
.16 x3 = .48 gallons

37.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	PURGING INITIATED AT: 0900	PURGING ENDED AT: 0810	TOTAL VOLUME PURGED (gallons): 1.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or %-saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0804	.40	.40	0.10	5.98	6.42	22.9	315	1.78	-4.0	2.06	none	none
0806	.20	.60	0.10	5.98	6.38	22.9	316	1.62	-3.4	1.32	↓	↓
0808	.20	.80	0.10	5.98	6.38	22.9	316	1.56	-3.7	1.15		
0810	.20	1.0	0.10	5.98	6.37	22.9	316	1.49	-3.7	1.71		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0811	SAMPLING ENDED AT: 0815

PUMP OR TUBING DEPTH IN WELL (feet): 37.5	TUBING MATERIAL CODE: **HDPE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y N (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW114	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-128	SAMPLE ID: MW-128	DATE: 02/24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 140 feet to 150 feet	STATIC DEPTH TO WATER (feet): 33.40	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 1.66 gallons
= 0.05 gallons + (0.0026 gallons/foot X 155 feet) + 0.10 gallons = 0.55 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 145	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 145	PURGING INITIATED AT: 14:35	PURGING ENDED AT: 15:09	TOTAL VOLUME PURGED (gallons): 6.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
14:40	1.00	1.00	0.2	39.55	9.36	26.2	396	1.44	-173	61.4	NONE	NONE
14:45	1.00	2.00			9.66	26.2	380	1.59	-160	53.1		
14:50	1.00	3.00			9.29	26.2	417	1.31	-171	60.6		
14:55	1.00	4.00			8.90	26.3	468	0.99	-187	70.0		
15:00	1.00	5.00			8.81	26.3	480	0.90	-189	66.5		
15:05	1.00	6.00			8.55	26.3	517	0.68	-200	68.2		
15:07	0.40	6.40			8.50	26.3	526	0.60	-203	65.3		
15:09	0.40	6.80			8.43	26.2	535	0.57	-205	64.9		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 15:09	SAMPLING ENDED AT: 15:11
PUMP OR TUBING DEPTH IN WELL (feet): 145	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-128	4	CG	40mL	HCl	-------	-------	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW129	SAMPLE ID: MW129	DATE: 02/25 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 103 feet to 113 feet	STATIC DEPTH TO WATER (feet): 29.49	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
,49 x3 = 1.47 gallons
= 0.05 gallons + (0.0026 gallons/foot X 130 feet) + 0.10 gallons = ,49 gallons

108.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 108.0	PURGING INITIATED AT: 0745	PURGING ENDED AT: 0905	TOTAL VOLUME PURGED (gallons): 8.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0801	1.60	1.60	0.10	30.63	7.05	24.7	596	1.07	-186.1	27.6	none	none
0817	1.60	3.20	0.10	30.63	7.05	24.7	595	0.80	-188.7	28.5		
0833	1.60	4.80	0.10	30.63	7.07	24.6	597	0.54	-182.2	32.1		
0849	1.60	6.40	0.10	30.63	7.07	24.5	598	0.50	-180.3	59.6		
0905	1.60	8.0	0.10	30.63	7.07	24.6	598	0.48	-178.9	47.7		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0906	SAMPLING ENDED AT: 0911
PUMP OR TUBING DEPTH IN WELL (feet): 108.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW129	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW13I	SAMPLE ID: MW13I	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 23.84	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.26 x3 = .78 gallons
= 0 gallons + (0.0014 gallons/foot X 115 feet) + 0.10 gallons = .26 gallons

105.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105.0	PURGING INITIATED AT: 0924	PURGING ENDED AT: 0935	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0929	.50	.50	0.10	24.54	6.69	24.2	618	0.39	-90.9	8.17	none	none
0931	.20	.70	0.10	24.54	6.72	24.2	620	0.39	-91.1	8.99	↓	↓
0933	.20	.90	0.10	24.54	6.71	24.2	620	0.40	-91.1	12.4	↓	↓
0935	.20	1.10	0.10	24.54	6.72	24.2	620	0.40	-91.3	10.1	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0936	SAMPLING ENDED AT: 0940
PUMP OR TUBING DEPTH IN WELL (feet): 105.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW13I	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 133	SAMPLE ID: MW 133	DATE: 02/22/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 25.31	PURGE PUMP TYPE OR BAILER: PD

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.26 x3 = .78 gallons
= 0 gallons + (0.0014 gallons/foot X 115 feet) + 0.10 gallons = .26 gallons

105.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105.0	PURGING INITIATED AT: 1509	PURGING ENDED AT: 1529	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1513	.40	.40	0.10	26.67	6.84	25.8	640	0.62	-859	159	Grey	none
1517	.40	.80	0.10	26.67	6.85	25.8	638	0.58	-856	210	"	"
1521	.40	1.20	0.10	26.67	6.85	25.8	640	0.53	-850	206	"	"
1525	.40	1.60	0.10	26.67	6.86	25.8	640	0.55	-843	215	"	"
1529	.40	2.0	0.10	26.67	6.86	25.8	640	0.56	-842	200	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1530	SAMPLING ENDED AT: 1536
PUMP OR TUBING DEPTH IN WELL (feet): 105.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW133	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-134	SAMPLE ID: MW-134	DATE: 02/24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 103 feet to 113 feet	STATIC DEPTH TO WATER (feet): 35.26	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 1.70 gallons
= 0.05 gallons + (0.0026 gallons/foot X 160 feet) + 0.10 gallons = 0.57 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 108	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 108	PURGING INITIATED AT: 13:48	PURGING ENDED AT: 14:17	TOTAL VOLUME PURGED (gallons): 4.08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
13:55	1.00	1.00	0.14	37.60	10.75	25.3	350	3.69	-82	14.8	NONE	NONE
13:57	0.28	1.28	↓	↓	10.80	25.4	351	4.10	-86	12.2	↓	↓
14:13	2.24	3.52			7.45	25.4	666	0.38	-199	11.6		
14:15	0.28	3.80			7.41	25.4	672	0.31	-208	11.2		
14:17	0.28	4.08			7.39	25.4	676	0.27	-215	10.9		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 14:17	SAMPLING ENDED AT: 14:19
PUMP OR TUBING DEPTH IN WELL (feet): 108	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-134	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **LMC Tallevast Site**	SITE LOCATION: **1600 Tallevast Road, Sarasota, FL 34243**	
WELL NO: MW 158	SAMPLE ID: MW158	DATE: **02/29/16**

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 20.61	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
. 27 x3 = 0.81 gallons
= 0 gallons + (0.0014 gallons/foot X 125 feet) + 0.10 gallons = .27 gallons

105.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105.0	PURGING INITIATED AT: 1500	PURGING ENDED AT: 1510	TOTAL VOLUME PURGED (gallons): 1.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1504	0.40	0.40	0.10	21.22	7.25	24.6	1111	0.41	-89.3	6.47	none	none
1506	0.20	0.60	0.10	21.22	7.26	24.5	1113	0.41	-89.3	4.30		
1508	0.20	0.80	0.10	21.22	7.25	24.4	1113	0.41	-89.5	3.92		
1510	0.20	1.0	0.10	21.22	7.25	24.4	1114	0.41	-89.5	3.51		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1511	SAMPLING ENDED AT: 1516
PUMP OR TUBING DEPTH IN WELL (feet): 105.0	TUBING MATERIAL CODE: **HDPE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW158	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **LMC Tallevast Site**	SITE LOCATION: **1600 Tallevast Road, Sarasota, FL 34243**	
WELL NO: MW215	SAMPLE ID: MW215	DATE: **02/22/16**

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 25.15	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
24 x3 = .72 gallons
= 0 gallons + (0.0014 gallons/foot X 105 feet) + 0.10 gallons = 1.24 gallons

95.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95.0	PURGING INITIATED AT: 1204	PURGING ENDED AT: 1217	TOTAL VOLUME PURGED (gallons): 1.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1211	.70	.70	.10	25.66	9.93	24.6	571	0.53	-68.7	20.2	none	none
1213	.20	.90	.10	25.66	9.90	24.6	560	0.62	-68.9	19.1	↓	↓
1215	.20	1.10	.10	25.66	9.89	24.6	550	0.62	-68.9	17.3		
1217	.20	1.30	.10	25.66	9.89	24.6	549	0.62	-69.0	16.1	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1218	SAMPLING ENDED AT: 1224
PUMP OR TUBING DEPTH IN WELL (feet): 95.0	TUBING MATERIAL CODE: **HDPE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW215	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-231	SAMPLE ID: MW-231	DATE: 02/22/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 97 feet to 107 feet	STATIC DEPTH TO WATER (feet): 18.23	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.80 gallons
= 0 gallons + (0.0014 gallons/foot X 120 feet) + 0.10 gallons = 0.27 gallons

INITIAL TUBING DEPTH IN WELL (feet): 102	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 102	PURGING INITIATED AT: 15:46	PURGING ENDED AT: 15:57	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
15:51	0.50	0.50	0.10	19.02	7.11	25.8	734	0.76	-183	14.3	NONE	NONE
15:53	0.20	0.70	↓	↓	7.11	25.9	738	0.77	-190	11.6	↓	↓
15:55	↓	0.90	↓	↓	7.11	25.9	739	0.79	-191	8.75	↓	↓
15:57	↓	1.10	↓	↓	7.11	25.9	742	0.80	-193	6.98	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 15:57	SAMPLING ENDED AT: 15:59
PUMP OR TUBING DEPTH IN WELL (feet): 102	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-231	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **LMC Tallevast Site**	SITE LOCATION: **1600 Tallevast Road, Sarasota, FL 34243**	
WELL NO: MW 233	SAMPLE ID: MW 233	DATE: 02/24/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 25.21	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.24 x3 = .72 gallons
= 0 gallons + (~~.705~~ 0.0014 gallons/foot X 105 feet) + 0.10 gallons = .24 gallons

950	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95.0	PURGING INITIATED AT: 1530	PURGING ENDED AT: 1546	TOTAL VOLUME PURGED (gallons): .80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1540	.50	.50	0.05	27.26	7.30	24.8	553	0.44	+11.9	4.05	none	none
1542	.10	.60	0.05	27.26	7.28	24.8	552	0.43	+12.1	3.90	"	"
1544	.10	.70	0.05	27.26	7.28	24.8	552	0.43	+12.1	4.15	"	"
1546	.10	.80	0.05	27.26	7.28	24.8	552	0.42	+12.2	3.61	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON ACCOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1547	SAMPLING ENDED AT: 1553
PUMP OR TUBING DEPTH IN WELL (feet): 95.0	TUBING MATERIAL CODE: **HDPE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW233	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 239	SAMPLE ID: MW 239	DATE: 02/23/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 93 feet to 108 feet	STATIC DEPTH TO WATER (feet): 25.19	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.25 x3 = .75 gallons
= 0 gallons + (0.0014 gallons/foot X 110 feet) + 0.10 gallons = .25 gallons

103	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 103	PURGING INITIATED AT: 1027	PURGING ENDED AT: 1038	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1032	.50	.50	0.10	26.33	6.77	25.4	620	0.30	-107.9	2.74	none	none
1034	.20	.70	0.10	26.33	6.78	25.4	621	0.30	-108.1	3.13		
1036	.20	.90	0.10	26.33	6.78	25.4	621	0.31	-108.2	3.01		
1038	.20	1.10	0.10	26.33	6.79	25.4	620	0.31	-108.1	1.78		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON / TECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1039	SAMPLING ENDED AT: 1045
PUMP OR TUBING DEPTH IN WELL (feet): 103	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW 239	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 249	SAMPLE ID: MW 249	DATE: 02/ 22 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 88 feet to 98 feet	STATIC DEPTH TO WATER (feet): 20.35	PURGE PUMP TYPE OR BAILER: PD

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) .24 x3 = .72 gallons
= 0 gallons + (.0014 gallons/foot X 100 feet) + 0.10 gallons = gallons

93.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 93.0	PURGING INITIATED AT: 11:27	PURGING ENDED AT: 1145	TOTAL VOLUME PURGED (gallons): 1.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1134	.70	.70	.10	21.01	7.02	25.1	773	1.03	-83.0	67.5	off white	none
1141	.70	1.40	0.10	21.01	7.03	25.2	772	1.01	-82.9	18.7	none	"
1143	.20	1.60	.10	21.01	7.03	25.1	774	1.10	-82.9	18.0	"	"
1145	.20	1.80	.10	21.01	7.03	25.1	774	1.11	-82.8	17.3	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1146	SAMPLING ENDED AT: 1155
PUMP OR TUBING DEPTH IN WELL (feet): 93.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW 249	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **LMC Tallevast Site**	SITE LOCATION: **1600 Tallevast Road, Sarasota, FL 34243**	
WELL NO: MW 250	SAMPLE ID: MW250	DATE: 02/22 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 23.15	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.24 x3 = .72 gallons
= 0 gallons + (0.0014 gallons/foot X 105 feet) + 0.10 gallons = .24 gallons

95.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95.0	PURGING INITIATED AT: 1230	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1236	.60	.60	0.10	23.46	7.52	25.2	682	0.67	-107.9	17.6	none	none
1238	.20	.80	0.10	23.46	7.50	25.2	682	0.63	-108.0	16.0	↓	↓
1240	.20	1.0	0.10	23.46	7.50	25.2	682	0.62	-108.0	15.8		
1242	.20	1.20	0.10	23.46	7.50	25.2	682	0.62	-108.1	17.3		

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1243	SAMPLING ENDED AT: 1248
PUMP OR TUBING DEPTH IN WELL (feet): 95.0	TUBING MATERIAL CODE: **HDPE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW250	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW253	SAMPLE ID: MW253	DATE: 02/24/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 34.61	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.58 x3 = 1.74 gallons
= 0.05 gallons + (0.0026 gallons/foot X 165 feet) + 0.10 gallons = .58 gallons

105.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105.0	PURGING INITIATED AT: 1345	PURGING ENDED AT: 1409	TOTAL VOLUME PURGED (gallons): 2.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1403	1.80	1.80	0.10	35.82	7.09	25.0	601	0.42	-193.0	4.95	none	none
1405	.20	2.0	0.10	35.82	7.08	25.0	603	0.39	-193.6	4.68		
1407	.20	2.20	0.10	35.82	7.07	25.0	603	0.39	-194.1	3.84		
1409	.20	2.40	0.10	35.82	7.08	25.0	604	0.39	-194.1	3.51	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1410	SAMPLING ENDED AT: 1415
PUMP OR TUBING DEPTH IN WELL (feet): 105.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW253	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APPESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-254	SAMPLE ID: MW-254	DATE: 02/25/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 24 feet to 29 feet	STATIC DEPTH TO WATER (feet): 12.89	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= 0 gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5	PURGING INITIATED AT: 09:08	PURGING ENDED AT: 09:20	TOTAL VOLUME PURGED (gallons): 0.98

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
09:14	0.50	0.50	0.08	13.08	5.85	23.5	271	0.44	-4.2	1.39	NONE	NONE
09:16	0.16	0.66	↓	↓	5.80	23.5	272	0.43	-3.8	1.02	↓	↓
09:18	↓	0.82	↓	↓	5.77	23.5	272	0.42	-2.5	0.95	↓	↓
09:20	↓	0.98	↓	↓	5.75	23.5	272	0.42	-1.2	0.83	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 09:20	SAMPLING ENDED AT: 09:22
PUMP OR TUBING DEPTH IN WELL (feet): 26.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-254	4	CG	40mL	HCl	-------	-------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **LMC Tallevast Site**	SITE LOCATION: **1600 Tallevast Road, Sarasota, FL 34243**	
WELL NO: MW255	SAMPLE ID: MW 255	DATE: 02/22/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 18.12	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.24 x3 = .72 gallons
= 0 gallons + (0.0014 gallons/foot X 105 feet) + 0.10 gallons = .24 gallons

95.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95.0	PURGING INITIATED AT: 1304	PURGING ENDED AT: 1329	TOTAL VOLUME PURGED (gallons): 2.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1309	.50	.50	0.10	18.98	7.17	24.3	8.00	0.50	-59.3	161	Grey	none
1314	.50	1.0	0.10	18.98	7.18	24.2	801	0.47	-99.7	303	↓	↓
1319	.50	1.50	0.10	18.98	7.18	24.2	801	0.44	-100.3	170		
1324	.50	2.0	0.10	18.98	7.19	24.2	800	0.49	-114.3	151		
1329	.50	2.50	0.10	18.98	7.19	24.2	800	0.48	-115.1	163	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.Wilson AECOM	SAMPLER(S) SIGNATURE(S): STWJ	SAMPLING INITIATED AT: 1330	SAMPLING ENDED AT: 1335
PUMP OR TUBING DEPTH IN WELL (feet): 95.0	TUBING MATERIAL CODE: **HDPE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW255	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.

3902 Corporex Park Drive, Suite 450
Tampa, FL 33619
Toll-free: (877) 259-PINE (7463)

Pine Environmental Services, Inc.

Instrument ID 28176
Description YSI 556
Calibrated 2/18/2016 9:36:54AM

Manufacturer YSI
Model Number 556
Serial Number/ Lot Number 14A100107
Location Florida
Department

State Certified
Status Pass
Temp °C 25
Humidity % 41

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.00 / 7.00	PH	7.00	PH	7.00	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.00	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	9.98	9.98	-0.20%	Pass

Group # 2
Group Name Conductivity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
1.413 / 1.413	ms/cm	1.413	ms/cm	1.413	1.413	0.00%	Pass

Group # 3
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.00 / 240.00	mv	240.00	mv	240.00	240.00	0.00%	Pass

Group # 4
Group Name Disolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
100.00 / 100.00	%	100.00	%	99.90	99.90	-0.10%	Pass

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.

3902 Corporex Park Drive, Suite 450
Tampa, FL 33619
Toll-free: (877) 259-PINE (7463)

Pine Environmental Services, Inc.

Instrument ID 13997
Description YSI 556
Calibrated 2/18/2016 9:56:53AM

Manufacturer YSI
Model Number 556
Serial Number/ Lot Number 09D100693
Location Florida
Department

State Certified
Status Pass
Temp °C 24
Humidity % 41

Calibration Specifications

Group # 1
Group Name pH
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.00 / 7.00	PH	7.00	PH	7.00	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.00	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.10	10.10	1.00%	Pass

Group # 2
Group Name Conductivity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
1.413 / 1.413	ms/cm	1.413	ms/cm	1.413	1.413	0.00%	Pass

Group # 3
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.0 / 240.0	mv	240.0	mv	240.0	240.0	0.00%	Pass

Group # 4
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
100.0 / 100.0	%	100.0	%	99.9	99.9	-0.10%	Pass

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.

3902 Corporex Park Drive, Suite 450
Tampa, FL 33619
Toll-free: (877) 259-PINE (7463)

Pine Environmental Services, Inc.

Instrument ID 34139
Description HACH 2100Q Turbidity meter
Calibrated 2/16/2016 12:03:45PM

Manufacturer HACH
Model Number 2100Q
Serial Number/ Lot Number 15090c044093
Location Florida
Department

State Certified
Status Pass
Temp °C 24
Humidity % 41

Calibration Specifications

Group # 1
Group Name Turbidity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 10.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
10.00 / 10.00	NTU	10.00	NTU	9.47	9.47	-5.30%	Pass
20.00 / 20.00	NTU	20.00	NTU	20.30	20.30	1.50%	Pass
100.00 / 100.00	NTU	100.00	NTU	99.60	99.60	-0.40%	Pass
800.00 / 800.00	NTU	800.00	NTU	792.00	792.00	-1.00%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
FL HACH 10 NTU A4342	FL HACH 10 NTU A4342	HACH	2961801	A4342		3/31/2016
FL HACH 100 NTU A4344	FL HACH 100 NTU A4344	HACH	2684901	A4344		3/31/2016
FL HACH 20 NTU A4343	FL HACH 20 NTU A4343	HACH	2684801	A4343		3/31/2016
FL HACH 800 NTU A4329	FL HACH 800 NTU A4329	HACH	2660501	A4329		3/31/2016

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Dalton Benjamin

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, LLC.

92 North Main St, Building 20
Windsor, NJ 08561
Toll-free: (800) 301-9663

Pine Environmental Services, Inc.

Instrument ID 21539
Description HACH 2100Q Turbidimeter
Calibrated 2/18/2016 10:04:58AM

Manufacturer HACH
Model Number 2100Q
Serial Number/ Lot Number 12080C019983
Location New Jersey
Department

State Certified
Status Pass
Temp °C 24
Humidity % 41

Calibration Specifications

Group # 1
Group Name Turbidity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
10.00 / 10.00	NTU	10.00	NTU	10.10	10.10	1.00%	Pass
20.00 / 20.00	NTU	20.00	NTU	20.20	20.20	1.00%	Pass
100.00 / 100.00	NTU	100.00	NTU	99.70	99.70	-0.30%	Pass
800.00 / 800.00	NTU	800.00	NTU	795.00	795.00	-0.63%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Next Cal Date / Last Cal Date/ Expiration Date Opened Date
FL HACH 10 NTU A4342	FL HACH 10 NTU A4342	HACH	2961801	A4342	3/31/2016
FL HACH 100 NTU A4344	FL HACH 100 NTU A4344	HACH	2684901	A4344	3/31/2016
FL HACH 20 NTU A4343	FL HACH 20 NTU A4343	HACH	2684801	A4343	3/31/2016
FL HACH 800 NTU A4329	FL HACH 800 NTU A4329	HACH	2660501	A4329	3/31/2016

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Dalton Benjamin

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: 2400 TALLEVAST RD	SAMPLE ID: 2400 TALLEVAST RD	DATE: 08/15/16

PURGING DATA

WELL DIAMETER (inches): —	TUBING DIAMETER (inches): —	WELL SCREEN INTERVAL DEPTH: — feet to — feet	STATIC DEPTH TO WATER (feet): —	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 =
= gallons + (gallons/foot X feet) + 0.10 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): —	FINAL PUMP OR TUBING DEPTH IN WELL (feet): —	PURGING INITIATED AT: 14:10	PURGING ENDED AT: 14:25	TOTAL VOLUME PURGED (gallons): 3.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
14:25	3.75	3.75	0.25	NA	7.68	31.5	1231	5.34	-85.0	1.06	NONE	NONE

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 14:25	SAMPLING ENDED AT: 14:27
PUMP OR TUBING DEPTH IN WELL (feet): —	TUBING MATERIAL CODE: ~~HDPE~~ —	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
2400 Tallevast	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: 7561/7571 15TH ST E	SAMPLE ID: 7561/7571 15TH ST E	DATE: 08/15/16

PURGING DATA

WELL DIAMETER (inches): NA	TUBING DIAMETER (inches): NA	WELL SCREEN INTERVAL DEPTH: NA feet to NA feet	STATIC DEPTH TO WATER (feet): NA	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = gallons
= gallons + (gallons/foot X feet) + 0.10 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): NA	FINAL PUMP OR TUBING DEPTH IN WELL (feet): NA	PURGING INITIATED AT: 15:05	PURGING ENDED AT: 15:20	TOTAL VOLUME PURGED (gallons): 3.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (mS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
15:20	3.00	3.00	0.2	NA	6.56	26.6	583	1.19	-67	1.32	NONE	NONE

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 15:20	SAMPLING ENDED AT: 15:22
PUMP OR TUBING DEPTH IN WELL (feet): NA	TUBING MATERIAL CODE: ~~HDPE~~ NA	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
7561/7571 15TH STE	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: 7851 15TH ST E #2	SAMPLE ID: 7851 15TH ST E # 2	DATE: 08/09 /16

PURGING DATA

WELL DIAMETER (inches): NA	TUBING DIAMETER (inches): NA	WELL SCREEN INTERVAL DEPTH: NA feet to NA feet	STATIC DEPTH TO WATER (feet): NA	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = gallons
= gallons + (gallons/foot X feet) + 0.10 gallons = gallons

INITIAL PUMP or TUBING DEPTH IN WELL (feet): NA	FINAL PUMP OR TUBING DEPTH IN WELL (feet): NA	PURGING INITIATED AT: 07:11	PURGING ENDED AT: 07:26	TOTAL VOLUME PURGED (gallons): 15.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
07:26	15.0	15.0	0.10	NA	7.63	25.3	1379	2.07	-148	1.19	NONE	NONE

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 07:26	SAMPLING ENDED AT: 07:29

PUMP OR TUBING DEPTH IN WELL (feet): NA	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
7851 15TH ST E #2	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	ESP ~~APP~~ (SM)	200

REMARKS: TOTAL DEPTH OF WELL = 475 FT BLS,

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: CO-A1D	SAMPLE ID: CO-A1D	DATE: 08/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 27 feet to 30 feet	STATIC DEPTH TO WATER (feet): 11.85	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.47 gallons
= 0 gallons + (0.0014 gallons/foot X 40 feet) + 0.10 gallons = 0.16 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.5	PURGING INITIATED AT: 11:27	PURGING ENDED AT: 11:41	TOTAL VOLUME PURGED (gallons): 1.32

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:35	0.75	0.75	0.09	14.98	5.61	29.7	374	1.27	+21	4.60	NONE	NONE
11:37	0.19	0.94	↓	↓	5.64	29.8	378	0.68	+18	3.68	↓	↓
11:39	↓	1.13			5.65	29.9	380	0.60	+15	3.28		
11:41	↓	1.32			5.65	30.0	381	0.54	+13	2.95	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 11:41	SAMPLING ENDED AT: 11:44
PUMP OR TUBING DEPTH IN WELL (feet): 28.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
CO-A1D	1	PE	250 mL	HNO_3	---	---	6010B(A1)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: EW-108	SAMPLE ID: EW-108	DATE: 08/23/16

PURGING DATA

WELL DIAMETER (inches): 6	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 34 feet to 39 feet	STATIC DEPTH TO WATER (feet): 29.60	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

x3 = 0.80 gallons

= 0.05 gallons + (0.0026 gallons/foot X 45 feet) + 0.10 gallons = 0.27 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36.5	PURGING INITIATED AT: 11:20	PURGING ENDED AT: 11:57	TOTAL VOLUME PURGED (gallons): 3.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:35	1.5	1.50	0.10	30.58	6.49	27.7	792	0.31	-80	52.7	NONE	NONE
11:50	1.5	3.00	↓	↓	6.55	27.6	896	0.20	-82	34.8	↓	↓
11:53	0.3	3.30			6.60	27.6	1051	0.16	-90	19.1		
11:55	0.2	3.50			6.60	27.6	1053	0.13	-90	16.7		
11:57	0.2	3.70			6.60	27.6	1057	0.12	-92	13.6		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN / AECOM	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 11:58	SAMPLING ENDED AT: 12:20
PUMP OR TUBING DEPTH IN WELL (feet): 36.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: (Y) ← N (AS ONLY)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
EW-108	1	PE	1L	NONE	---	---	2540C (TDS)	ESP	200
↓	1	↓	125mL	NONE	—	—	300 (Sulfate)	↓	↓
	1		250mL	HNO_3	—	—	6010B (As/Fe)		
	4		250mL	HNO_3	—	—	6010B (As)		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: EW-4003	SAMPLE ID: EW-4003	DATE: 08/23/16

PURGING DATA

WELL DIAMETER (inches): 6	TUBING DIAMETER (inches): NA	WELL SCREEN INTERVAL DEPTH: 100 feet to 130 feet	STATIC DEPTH TO WATER (feet): NA	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = gallons
= gallons + (gallons/foot X feet) + 0.10 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): —	FINAL PUMP OR TUBING DEPTH IN WELL (feet): —	PURGING INITIATED AT: 07:30	PURGING ENDED AT: 07:46	TOTAL VOLUME PURGED (gallons): 1.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
07:40	1.00	1.00	0.10	NA	7.20	26.5	667	0.16	-79	0.69	NONE	NONE
07:42	0.20	1.20	↓	↓	7.19	26.5	670	0.21	-87	0.83	↓	↓
07:44	↓	1.40	↓	↓	7.19	26.5	680	0.18	-90	0.54	↓	↓
07:46	↓	1.60	↓	↓	7.19	26.5	683	0.20	-92	0.62	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 07:46	SAMPLING ENDED AT: 07:59
PUMP OR TUBING DEPTH IN WELL (feet): —	TUBING MATERIAL CODE: ~~HDPE~~ PE NA	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
EW-4003	3	CG	40mL	NONE	---	---	RSK 175 (CO_2)	ESP	200
↓	3	CG	40mL	HCl	—	—	RSK 175 (MEE)	↓	↓
	3	AG	40mL	H_2SO_4	—	—	SM 3510 (TOC)		
	1	PE	250mL	NONE	—	—	2320B (Alkalinity)		
	1	PE	250mL	HNO_3	—	—	L60108 (Fe)		
↓	1	PE	1L	NONE	—	—	DHC DNA...		

REMARKS: Fe^{2+} = 0.1 mg/L. Sample is collected from sample port located inside the Plant.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

NOTE: Water is pumping into the plant @ 2.1 gpm during purging & sampling. Gallons purged refers to water passed from sample port

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: EW-UAFG-1	SAMPLE ID: EW-UAFG-1	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 98 feet to 108 feet	STATIC DEPTH TO WATER (feet): 39.66	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 1.41 gallons
= gallons + (0.0026 gallons/foot X 145 feet) + 0.10 gallons = 0.47 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 103'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 103'	PURGING INITIATED AT: 1340	PURGING ENDED AT: 1404	TOTAL VOLUME PURGED (gallons): 2.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1355	1.5	1.5	0.1	40.90	7.33	28.40	766	0.30	-193.9	4.10	None	None
1400	0.5	2.0	0.1	40.90	7.33	28.41	765	0.28	-194.2	3.71	"	"
1402	0.2	2.2	0.1	40.90	7.33	28.42	764	0.27	-195.1	3.57	"	"
1404	0.2	2.4	0.1	40.90	7.34	28.41	767	0.26	-195.6	3.16	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1405	SAMPLING ENDED AT: 1408
PUMP OR TUBING DEPTH IN WELL (feet): 103	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
EW-UAFG-1	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: IWI-1	SAMPLE ID: IWI-1	DATE: 08/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 41.65	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 1.38 gallons

= gallons + (0.0026 gallons/foot X 140 feet) + 0.10 gallons = 0.46 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 105	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105	PURGING INITIATED AT: 0935	PURGING ENDED AT: 0959	TOTAL VOLUME PURGED (gallons): 2.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0950	1.5	1.5	0.1	41.76	7.19	28.10	804	0.07	-246.3	21.5	None	None
0955	0.5	2.0	0.1	41.76	7.19	28.12	806	0.06	-247.8	14.0	4	4
0957	0.2	2.2	0.1	41.76	7.19	28.14	807	0.05	-247.9	9.65	4	4
0959	0.2	2.4	0.1	41.76	7.19	28.11	808	0.06	-249.0	8.32	4	4

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M Parsotan	SAMPLING INITIATED AT: 1000	SAMPLING ENDED AT: 1015
PUMP OR TUBING DEPTH IN WELL (feet): 105	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
IWI-1	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	ESP	200
	3	CG	40mL	NONE	—	—	RSK 175 (CO_2)		
	3	CG	40mL	HCl	—	—	RSK 175 (MEE)		
	3	AG	40mL	H_2SO_4	—	—	SM 5310 (TOC)		
	1	PE	250mL	NONE	—	—	2320B (Alkalinity)		
	1	PE	250mL	HNO_3	—	—	6010B (Fe)		
REMARKS:	1	PE	1L	NONE	—	—	DHC DNA...		

Fe^{2+} = 0.0 mg/L

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: IWI-2	SAMPLE ID: IWI-2	DATE: 08/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 162 feet to 172 feet	STATIC DEPTH TO WATER (feet): 29.81	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

x3 = 1.65 gallons

= gallons + (0.0026 gallons/foot X 175 feet) + 0.10 gallons = 0.55 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 167	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 167	PURGING INITIATED AT: 0837	PURGING ENDED AT: 0901	TOTAL VOLUME PURGED (gallons): 2.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0852	1.5	1.5	0.1	41.88	7.44	27.88	1028	0.29	-140.5	8.26	None	None
0857	0.5	2.0	0.1	41.88	7.44	27.21	1020	0.19	-151.8	6.46	"	"
0859	0.2	2.2	0.1	41.88	7.43	27.23	1025	0.15	-160.6	4.26	"	"
0901	0.2	2.4	0.1	41.88	7.43	27.24	1026	0.13	-160.9	3.32	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MAVAN PARSOTHAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsot	SAMPLING INITIATED AT: 0902	SAMPLING ENDED AT: 0912
PUMP OR TUBING DEPTH IN WELL (feet): 167	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
IWI-2	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	ESP	200
	3	CG	40mL	NONE	—	—	RSK 175 (CO_2)		
	3	CG	40mL	HCl	—	—	RSK 175 (MEE)		
	3	AG	40mL	H_2SO_4	—	—	SM 5310 (TOC)		
	1	PE	250mL	NONE	—	—	2320B (Alkalinity)		
	1	PE	250mL	HNO_3	—	—	6010B (Fe)		
REMARKS:	1	PE	1L	NONE	—	—	DHC DNA...		

Fe = 0.1 mg/L

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-8D	SAMPLE ID: MW-8D	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 9.29	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.72 gallons
= gallons + (0.0014 gallons/foot X 100 feet) + 0.10 gallons = 0.24 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5'	PURGING INITIATED AT: 1420	PURGING ENDED AT: 1444	TOTAL VOLUME PURGED (gallons): 1.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1435	0.75	0.75	0.05	10.21	4.75	32.97	1080	0.97	147.0	4.41	None	None
1440	0.25	1.00	0.05	10.21	4.74	32.96	1082	0.86	148.2	4.28	u	u
1442	0.1	1.10	0.05	10.21	4.74	32.95	1084	0.85	149.5	4.10	u	u
1444	0.1	1.20	0.05	10.21	4.74	32.96	1086	0.78	149.9	3.97	u	u

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1445	SAMPLING ENDED AT: 1448
PUMP OR TUBING DEPTH IN WELL (feet): 17.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-8D	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW9D	SAMPLE ID: MW9D	DATE: 08/24/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 15 feet to 30 feet	STATIC DEPTH TO WATER (feet): 8.83	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= gallons + (0.0014 gallons/foot X 25 feet) + 0.10 gallons = .13 x3 = .39 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING INITIATED AT: 0915	PURGING ENDED AT: 0929	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0923	.40	.40	0.05	8.97	4.83	28.6	115	0.35	160.7	6.2	more	none
0925	.10	0.50	0.05	8.97	4.84	28.6	115	0.35	160.6	5.8	↓	↓
0927	.10	0.60	0.05	8.97	4.84	28.6	114	0.34	160.9	2.8		
0929	.10	0.70	0.05	8.97	4.85	28.6	114	0.33	160.9	1.7		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.Wilson Accom	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0930	SAMPLING ENDED AT: 0935
PUMP OR TUBING DEPTH IN WELL (feet): 17.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW9D	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 11R	SAMPLE ID: MW11R	DATE: 08/29/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 18 feet to 28 feet	STATIC DEPTH TO WATER (feet): 10.69	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (0.0014 gallons/foot X 38 feet) + 0.10 gallons = .149 gallons

.15 x3 = .45 gallons

Final 23.0

FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.0	PURGING INITIATED AT: 1339	PURGING ENDED AT: 1353	TOTAL VOLUME PURGED (gallons): 1.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODC (descr
1347	.40	.40	0.05	10.92	5.96	30.3	310	0.78	63.1	3.3	none	NOR
1349	.10	.50	0.05	10.92	5.34	30.7	319	0.78	63.1	4.1		
1351	.10	.60	0.05	10.92	5.34	30.7	317	0.79	64.0	4.6		
1353	.10	.70	0.05	10.92	5.33	30.8	317	0.80	64.1	3.7		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Q. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1354	SAMPLING ENDED AT: 135
PUMP OR TUBING DEPTH IN WELL (feet): 23.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW11R	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-13D	SAMPLE ID: MW-13D	DATE: 08/22/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 5.94	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.45 gallons
= gallons + (0.0014 gallons/foot X 40 feet) + 0.10 gallons = 0.15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5'	PURGING INITIATED AT: 1345	PURGING ENDED AT: 1404	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1355	0.5	0.50	0.05	6.16	4.81	31.19	61	0.15	58.7	5.94	None	None
1400	0.25	0.75	0.05	6.16	4.82	31.15	60	0.15	57.2	4.21	"	"
1402	0.1	0.85	0.05	6.16	4.83	31.12	60	0.14	56.5	4.10	"	"
1404	0.1	0.95	0.05	6.16	4.83	31.14	62	0.15	56.4	3.91	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: HADAN PARSOTIAN (AECOM)	SAMPLER(S) SIGNATURE(S): H. Parsotian	SAMPLING INITIATED AT: 1405	SAMPLING ENDED AT: 1408
PUMP OR TUBING DEPTH IN WELL (feet): 17.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-13D	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW15D	SAMPLE ID: MW15D	DATE: 08/16/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 7.56	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.14 x3 = .42 gallons
= gallons + (0.0014 gallons/foot X 30 feet) + 0.10 gallons = .14 gallons

Initial 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING INITIATED AT: 0840	PURGING ENDED AT: 0854	TOTAL VOLUME PURGED (gallons): .70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0848	.40	.40	0.05	8.47	5.07	27.2	104	0.35	57.3	4.4	none	organic
0850	.10	.50	0.05	8.47	5.07	27.2	104	0.35	57.1	4.2		
0852	.10	.60	0.05	8.47	5.08	27.1	103	0.34	56.9	5.9		
0854	.10	.70	0.05	8.47	5.08	27.1	103	0.34	56.9	4.7	V	V

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.Wilson AECOM	SAMPLER(S) SIGNATURE(S): SWX	SAMPLING INITIATED AT: 0855	SAMPLING ENDED AT: 0900
PUMP OR TUBING DEPTH IN WELL (feet): 17.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW15D	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-16D	SAMPLE ID: MW-16D	DATE: 08/ 16 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 1.98	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.42 gallons
= gallons + (0.0014 gallons/foot X 30 feet) + 0.10 gallons = 0.14 gallons

Initial Tubing Depth in Well: 17.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5'	PURGING INITIATED AT: 1438	PURGING ENDED AT: 1457	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1448	0.50	0.50	0.05	2.52	5.46	27.61	267	0.12	-98.4	21.81	None	None
1453	0.25	0.75	0.05	2.52	5.46	27.60	268	0.12	-98.8	20.62	"	"
1455	0.1	0.85	0.05	2.52	5.46	27.59	269	0.11	-99.2	19.78	"	"
1457	0.1	0.95	0.05	2.52	5.47	27.60	271	0.09	-99.9	19.27	"	"

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016
PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: M. PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1458	SAMPLING ENDED AT: 1501
PUMP OR TUBING DEPTH IN WELL (feet): 17.5'	TUBING MATERIAL CODE: **HDPE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-16D	4	CG	40mL	HCl	---------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-17D	SAMPLE ID: MW-17D	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 14 feet to 19 feet	STATIC DEPTH TO WATER (feet): 5.66	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.54 gallons
= gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

Initial Tubing Depth in Well: 16.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16.5'	PURGING INITIATED AT: 1037	PURGING ENDED AT: 1055	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1047	0.5	0.5	0.05	5.83	5.03	29.36	99	0.12	25.6	6.82	None	None
1052	0.25	0.75	0.05	5.83	5.03	29.33	100	0.12	25.9	5.65	"	"
1054	0.1	0.85	0.05	5.83	5.04	29.35	106	0.11	26.1	5.21	"	"
1055	0.1	0.95	0.05	5.83	5.03	29.36	107	0.10	26.8	4.91	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1056	SAMPLING ENDED AT: 1059
PUMP OR TUBING DEPTH IN WELL (feet): 16.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-17D	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW19	SAMPLE ID: MW19	DATE: 08/29/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 277.5 feet to 297.5 feet	STATIC DEPTH TO WATER (feet): 17.76	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (297.5 feet – 17.76 feet) X .16 gallons/foot = 44.78 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + 0.10 gallons x3 = gallons

19.75 gallons = gallons

FINAL PUMP OR TUBING DEPTH IN WELL (feet): 69.0 | PURGING INITIATED AT: 1000 | PURGING ENDED AT: 1300 | TOTAL VOLUME PURGED (gallons): 67.

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODC (descr
1200	45.0	45.0	.38	40.37	7.53	28.9	688	0.08	-324.0	0.97	none	orgar
1230	11.40	56.40	.39	40.37	7.56	28.9	695	0.10	-327.9	1.32	none	orgar
1300	11.40	67.80	.38	40.37	7.54	28.9	696	0.11	-327.3	0.83	"	orgar

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1301	SAMPLING ENDED AT: 1305
PUMP OR TUBING DEPTH IN WELL (feet): 69.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW19	4	CG	40mL	HCl	-------	-------	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW21	SAMPLE ID: MW21	DATE: 08/22/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 135 feet to 145 feet	STATIC DEPTH TO WATER (feet): 20.85	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) .46 x3 = 1.38 gallons
= gallons + (0.0014 gallons/foot X 260 feet) + 0.10 gallons ≈ .46 gallons

Initial 140	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 140	PURGING INITIATED AT: 1100	PURGING ENDED AT: 1154	TOTAL VOLUME PURGED (gallons): 2.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1130	1.5	1.5	0.05	21.19	10.10	27.0	614	0.69	-149.5	30.5	none	none
1140	.50	1.70	0.05	21.19	9.93	27.7	644	0.59	-153.7	22.7		
1150	.50	1.90	0.05	21.19	9.80	27.8	649	0.54	-156.7	18.8		
1152	.10	2.0	0.05	21.19	9.81	27.8	650	0.53	-156.9	16.6		
1154	.10	2.10	0.05	21.19	9.80	27.9	650	0.53	-157.1	15.7	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilson Arcam	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1155	SAMPLING ENDED AT: 1200
PUMP OR TUBING DEPTH IN WELL (feet): 140.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW21	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 22	SAMPLE ID: MW 22	DATE: 08/11/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 277 feet to 297 feet	STATIC DEPTH TO WATER (feet): 14.71	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (297 feet − 14.71 feet) X .16 gallons/foot = 45.16 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = gallons

= gallons + (gallons/foot X feet) + 0.10 gallons = gallons

Initial 17.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 41.0	PURGING INITIATED AT: 0945	PURGING ENDED AT: 1209	TOTAL VOLUME PURGED (gallons): 72.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1121	48.0	48.0	0.50	39.21	7.40	28.41	1060	0.14	-310.0	1.83	none	organic
1145	12.0	60.0	0.50	39.21	7.35	28.26	1058	0.11	-334.1	1.20	↓	↓
1209	12.0	72.0	0.50	39.21	7.38	28.28	1060	0.09	-333.5	0.92	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1210	SAMPLING ENDED AT: 1215
PUMP OR TUBING DEPTH IN WELL (feet): 41.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW22	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	ESP APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 23	SAMPLE ID: MW 23	DATE: 08/ 11 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 152 feet to 172 feet	STATIC DEPTH TO WATER (feet): 22.81	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (172.0 feet – 22.81 feet) X .16 gallons/foot = 23.87 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = gallons

= gallons + (gallons/foot X feet) + 0.10 gallons = gallons

Initial 24.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~~170~~ 37.0	PURGING INITIATED AT: 0915	PURGING ENDED AT: 0927	TOTAL VOLUME PURGED (gallons): ~~36.0~~

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0903	24.0	24.0	0.50	36.01	7.21	25.2	603	0.59	-260.4	0.88	none	organic
0915	6.0	30	0.50	36.01	7.28	25.2	600	0.47	-268.1	1.71	↓	↓
0927	6.0	36	0.50	36.01	7.28	25.2	599	0.41	-269	0.35	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0928	SAMPLING ENDED AT: 0933
PUMP OR TUBING DEPTH IN WELL (feet): ~~170~~ 37.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW23	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	~~ESP~~ APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-24	SAMPLE ID: MW-24	DATE: 08/18/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30.5 feet to 35.5 feet	STATIC DEPTH TO WATER (feet): 8.36	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

Initial Tubing Depth in Well: 33'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33'	PURGING INITIATED AT: 0945	PURGING ENDED AT: 1004	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0955	0.5	0.5	0.05	8.65	5.23	29.69	990	0.17	-56.4	1.21	None	None
1000	0.25	0.75	0.05	8.65	5.23	29.66	989	0.17	-56.7	1.10	"	"
1002	0.1	0.85	0.05	8.65	5.23	29.67	990	0.16	-56.8	0.91	"	"
1004	0.1	0.95	0.05	8.65	5.23	29.68	991	0.15	-56.9	0.42	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MAHAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1005	SAMPLING ENDED AT: 1008
PUMP OR TUBING DEPTH IN WELL (feet): 33'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-24	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW25	SAMPLE ID: MW25	DATE: 08/11/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 36.4 feet to 43.4 feet	STATIC DEPTH TO WATER (feet): 8.99	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
0.17 x3 = .51 gallons
= gallons + (0.00014 gallons/foot X 50 feet) + 0.10 gallons = .17 gallons

38.9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.9	PURGING INITIATED AT: 1500	PURGING ENDED AT: 1516	TOTAL VOLUME PURGED (gallons): .80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1510	.50	.50	0.05	8.99	4.78	29.0	1116	1.19	77.7	11.6	none	slight
1512	.10	.60	0.05	8.99	4.79	29.1	1121	.50	77.3	11.2		
1514	.10	.70	0.05	9.19	4.80	29.1	1120	.40	77.2	10.7		
1516	.10	.80	0.05	9.19	4.79	29.0	1121	.41	77.0	9.9		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson Accom	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1517	SAMPLING ENDED AT: 1822
PUMP OR TUBING DEPTH IN WELL (feet): 38.9	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW25	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-26	SAMPLE ID: MW-26	DATE: 08/15/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 21.5 feet to 26.5 feet	STATIC DEPTH TO WATER (feet): 2.45	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.48 gallons
= gallons + (0.0014 gallons/foot X 45 feet) + 0.10 gallons = 0.16 gallons

Initial tubing Depth in Well: 24'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24'	PURGING INITIATED AT: 1515	PURGING ENDED AT: 1534	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1525	0.5	0.5	0.05	~~2.54~~ 2.55	7.07	26.22	589	0.35	-14.3	1.30	None	None
1530	0.25	0.75	0.05	2.55	7.07	26.22	588	0.34	-141.7	1.28	"	"
1532	0.1	0.85	0.05	2.55	7.07	26.23	587	0.33	-141.9	1.25	"	"
1534	0.1	0.95	0.05	2.55	7.07	26.27	589	0.29	-142.1	1.16	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1535	SAMPLING ENDED AT: 1538
PUMP OR TUBING DEPTH IN WELL (feet): 24	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y / N	TUBING Y (N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-26	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-27	SAMPLE ID: MW-27	DATE: 08/10/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 7.70	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5'	PURGING INITIATED AT: 0945	PURGING ENDED AT: 1004	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0955	0.5	0.50	0.05	7.79	5.83	25.93	402	0.26	-89.2	3.95	None	None
1000	0.25	0.75	0.05	7.79	5.83	25.95	403	0.24	-87.2	3.78	"	"
1002	0.1	0.85	0.05	7.79	5.83	25.97	404	0.21	-86.4	3.61	"	"
1004	0.1	0.95	0.05	7.79	5.83	25.98	405	0.19	-85.8	3.25	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M.Parsotan	SAMPLING INITIATED AT: 1005	SAMPLING ENDED AT: 1009
PUMP OR TUBING DEPTH IN WELL (feet): 32.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-27	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW28	SAMPLE ID: MW28	DATE: 08/16/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25"	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 4.71	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= gallons + (0.0014 gallons/foot X 38 feet) + 0.10 gallons = .15 x3 = .45 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	PURGING INITIATED AT: 1410	PURGING ENDED AT: 1424	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1418	.10	.40	0.05	5.66	4.32	26.4	6.26	0.29	28.6	19.8	none	none
1420	.10	0.50	0.05	5.66	4.36	26.3	6.31	0.28	28.4	15.6		
1422	.10	0.60	0.05	5.66	4.35	26.3	6.32	0.28	28.0	14.9		
1424	.10	0.70	0.05	5.66	4.34	26.3	6.30	0.28	28.0	12.1		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1425	SAMPLING ENDED AT: 1430
PUMP OR TUBING DEPTH IN WELL (feet): 27.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW28	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW29	SAMPLE ID: MW29	DATE: 08/16/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 3.86	PURGE PUMP TYPE OR BAILER: PO

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= gallons + (0.0014 gallons/foot X 36 feet) + 0.10 gallons = .15 x3 = .45 gallons + .15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	PURGING INITIATED AT: 1436	PURGING ENDED AT: 1450	TOTAL VOLUME PURGED (gallons): .70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1444	.40	.40	0.05	5.17	5.07	27.0	474	0.18	25.9	15.9	brown	Mod
1446	.10	.50	0.05	5.17	5.06	27.0	474	0.18	25.9	14.7		
1448	.10	.60	0.05	5.17	5.06	27.1	474	0.19	25.8	12.3		
1450	.10	.70	0.05	5.17	5.06	27.1	475	0.18	25.8	13.9		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1451	SAMPLING ENDED AT: 1457
PUMP OR TUBING DEPTH IN WELL (feet): 27.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW29	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW30	SAMPLE ID: MW30	DATE: 08/24/16

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23.5 feet to 28.5 feet	STATIC DEPTH TO WATER (feet): 6.63	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

,15 x3 = ,45 gallons

= gallons + (0.00014 gallons/foot X 35 feet) + 0.10 gallons = ,15 gallons

FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.0	PURGING INITIATED AT: 0815	PURGING ENDED AT: 0829	TOTAL VOLUME PURGED (gallons): 1.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0823	.40	.40	0.05	10.55	6.75	28.0	625	0.71	-111.6	4.2	none	none
0825	.10	0.50	0.05	10.55	6.75	28.1	627	0.64	-111.3	2.9		
0827	.10	0.60	0.05	10.55	6.74	28.1	627	0.61	-110.9	1.7		
0829	.10	0.70	0.05	10.55	6.74	28.2	627	0.61	-110.8	2.8		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0830	SAMPLING ENDED AT: 0835
PUMP OR TUBING DEPTH IN WELL (feet): 26.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW30	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 31	SAMPLE ID: MW31	DATE: 08/09 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 275 feet to 295 feet	STATIC DEPTH TO WATER (feet): 14.61	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (295 feet − 14.61 feet) X .16 gallons/foot = 44.86 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = gallons

= gallons + (gallons/foot X feet) + 0.10 gallons = gallons

16.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 39.5	PURGING INITIATED AT: 0850	PURGING ENDED AT: 1315	TOTAL VOLUME PURGED (gallons): 67.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1250	45.0	45.0	0.25	38.29	9.08	25.8	656	1.10	-178.0	7.83	none	none
1235	11.25	56.25	0.25	38.29	9.08	25.8	606	1.08	-190.1	3.99	↓	↓
1315	11.25	67.50	0.25	38.29	9.08	25.6	609	1.08	-182.3	1.31	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1316	SAMPLING ENDED AT: 1321
PUMP OR TUBING DEPTH IN WELL (feet): 39.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW31	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	ESP ~~APP~~	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243
WELL NO: MW32	SAMPLE ID: MW32
	DATE: 08/29/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25"	WELL SCREEN INTERVAL DEPTH 24.5' feet to 39.5' feet	STATIC DEPTH TO WATER (feet): 10.80	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= [illegible] gallons + (0.0014 gallons/foot X 35 feet) + 0.10 gallons = .15 x3 = .45 gallons

Ftotal 27.0 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.0 | PURGING INITIATED AT: 1432 | PURGING ENDED AT: 1446 | TOTAL VOLUME PURGED (gallons): 1.70 gallons

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1440	.40	.40	0.05	12.15	5.38	29.3	153.0	.50	-11.3	2.10	none	none
1442	.10	.50	0.05	12.15	5.37	29.4	154.0	0.48	-11.2	3.70		
1444	.10	.60	0.05	12.15	5.37	29.4	154.0	0.46	-11.0	1.9		
1446	.10	.70	0.05	12.15	5.37	29.3	155.0	0.46	-10.9	2.6		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S): JW	SAMPLING INITIATED AT: 1447	SAMPLING ENDED AT: 1452
PUMP OR TUBING DEPTH IN WELL (feet): 27.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW32	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-33	SAMPLE ID: MW-33	DATE: 08/24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 30.31	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.51 gallons

= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38'	PURGING INITIATED AT: 1315	PURGING ENDED AT: 1348	TOTAL VOLUME PURGED (gallons): 0.93

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1340	0.75	0.75	0.03	30.38	6.63	29.54	651	0.24	-99.9	4.87	None	None
1342	0.06	0.81	0.03	30.38	6.63	29.55	652	0.23	-100.2	3.69	"	"
1344	0.06	0.87	0.03	30.38	6.63	29.56	651	0.25	-99.2	3.21	"	"
1346	0.06	0.93	0.03	30.38	6.64	29.57	653	0.21	-99.6	2.75	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MAHAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1347	SAMPLING ENDED AT: 1350
PUMP OR TUBING DEPTH IN WELL (feet): 38'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-33	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 34	SAMPLE ID: MW34	DATE: 08/10 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet): 22.79	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.33 x3 = .99 gallons
= gallons + (0.0014 gallons/foot X 165 feet) + 0.10 gallons = .33 gallons

Initial 150.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 150.0	PURGING INITIATED AT: 0700	PURGING ENDED AT: 0716	TOTAL VOLUME PURGED (gallons): 1.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0710	1.40	1.40	0.10	23.26	8.05	24.8	526	0.20	-290.6	2.2	none	none
0712	1.20	1.20	0.10	23.26	8.04	24.7	527	0.19	-290.0	3.2	↓	↓
0714	.20	1.40	0.10	23.26	8.04	24.7	526	0.22	-289.9	2.9		
0716	.20	1.60	0.10	23.26	8.03	24.7	526	0.21	-289.6	2.5	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: John Wilson	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0717	SAMPLING ENDED AT: 0725
PUMP OR TUBING DEPTH IN WELL (feet): 150.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW34	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-35	SAMPLE ID: MW-~~35~~35	DATE: 08/11/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 11.40	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5'	PURGING INITIATED AT: 0640	PURGING ENDED AT: 0659	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0650	0.5	0.5	0.05	12.15	5.74	24.80	1318	1.37	7.9	18.4	None	None
0655	0.25	0.75	0.05	12.15	5.72	24.81	1317	1.35	9.2	16.2	u	u
0657	0.1	0.85	0.05	12.15	5.70	24.82	1317	1.34	9.8	15.4	u	u
0659	0.1	0.95	0.05	12.15	5.69	24.83	1316	1.30	9.7	9.5	u	u

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0700	SAMPLING ENDED AT: 0703
PUMP OR TUBING DEPTH IN WELL (feet): 27.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-35	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243
WELL NO: MW 36	SAMPLE ID: MW36
	DATE: 08/30 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 13.15	PURGE PUMP TYPE OR BAILER: P

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (0.0014 gallons/foot X 35 feet) + 0.10 gallons = .149 gallons

.15 x3 = .45 gallons

Initial 25.5 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5 | PURGING INITIATED AT: 0702 | PURGING ENDED AT 0716 | TOTAL VOLUME PURGED (gallons): .7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODC (descr
0710	.40	.40	0.05	14.72	5.08	27.5	365	0.39	51.7	9.5	none	none
0712	.10	0.50	0.05	14.72	5.09	27.4	365	0.39	51.5	6.2		
0714	.10	0.60	0.05	14.72	5.09	27.4	365	0.39	51.6	6.3		
0716	.10	0.70	0.05	14.72	5.08	27.4	365	0.38	51.6	6.7		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0717	SAMPLING ENDED AT: 072
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW36	4	CG	40mL	HCl	-------	-------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-37	SAMPLE ID: MW-37	DATE: 08/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 30.91	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.69 gallons
= gallons + (0.0026 gallons/foot X 50 feet) + 0.10 gallons = 0.23 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 1040	PURGING ENDED AT: 1059	TOTAL VOLUME PURGED (gallons): 1.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1050	1.0	1.0	0.1	33.14	6.74	28.31	1047	0.14	-98.5	7.83	None	None
1055	0.5	1.5	0.1	33.14	6.75	28.30	1050	0.15	-98.1	6.72	"	"
1057	0.2	1.7	0.1	33.14	6.75	28.29	1061	0.16	-98.7	6.25	"	"
1059	0.2	1.9	0.1	33.14	6.76	28.27	1062	0.17	-98.1	5.39	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTHAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsothan	SAMPLING INITIATED AT: 1100	SAMPLING ENDED AT: 1105
PUMP OR TUBING DEPTH IN WELL (feet): 38	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-37	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	ESP	200
↓	1	PE	250mL	HNO_3	—	—	6010B (Fe, Mn)	↓	↓

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 38	SAMPLE ID: MW38	DATE: 08/30/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 12.18	PURGE PUMP TYPE OR BAILER: PD

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

Initial = (1.15) gallons + (0.0014 gallons/foot X 35 feet) + 0.10 gallons = 1.45 gallons

FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 0735	PURGING ENDED AT: 0749	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0743	.40	.40	0.05	13.07	4.96	28.3	444	0.30	44.9	11.3	none	none
0745	.10	.50	0.05	13.07	4.96	28.3	444	0.29	44.7	12.6		
0747	.10	.60	0.05	13.07	4.96	28.3	445	0.29	44.6	15.6		
0749	.10	.70	0.05	13.07	4.96	28.3	445	0.27	44.6	12.1		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0750	SAMPLING ENDED AT: 0755
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW38	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-39	SAMPLE ID: MW-39	DATE: 08/24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 28.39	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.78 gallons

= 0.05 gallons + (0.0026 gallons/foot X 45 feet) + 0.10 gallons = 0.26 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	PURGING INITIATED AT: 08:24	PURGING ENDED AT: 08:33	TOTAL VOLUME PURGED (gallons): 0.90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
08:27	0.30	0.30	0.10	32.52	7.65	28.4	706	0.84	+71	18.6	NONE	NONE
08:29	0.20	0.50	↓	↓	7.63	28.2	702	0.89	+48	16.8	↓	↓
08:31	↓	0.70	↓	↓	7.62	28.2	700	0.85	+43	16.5	↓	↓
08:33	↓	0.90	↓	↓	7.61	28.1	700	0.81	+40	15.3	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 08:33	SAMPLING ENDED AT: 08:3
PUMP OR TUBING DEPTH IN WELL (feet): 38.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-39	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	ESP ~~APP~~ RSO	200
↓	1	PE	250mL	HNO3	—	—	6010B (A1)	↓	↓
↓	1	PE	1L	NONE	—	—	2540C (TDS)	↓	↓

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243
WELL NO: MW40	SAMPLE ID: MW40
DATE: 08/30/16	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 10.62	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (0.0014 gallons/foot X 90 feet) + 0.10 gallons = .22 gallons

.22 x3 = .66 gallons

Tmtal 25-5

FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25-5	PURGING INITIATED AT: 0905	PURGING ENDED AT: 0821	TOTAL VOLUME PURGED (gallons): .88

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODC (descr
0815	150	150	0.05	10.80	5.08	28.5	215	0.35	19.9	1.46	none	none
0817	.10	.60	0.05	10.80	5.08	28.5	216	0.36	200	2.66		
0819	.10	.70	0.05	10.80	5.08	28.5	216	0.35	200	2.09		
0821	.10	.80	0.05	10.80	5.06	28.4	216	0.35	20.2	1.70		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0822	SAMPLING ENDED AT: 0827
PUMP OR TUBING DEPTH IN WELL (feet): 25-5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW40	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Tefion; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW41	SAMPLE ID: MW41	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 30.51	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.30 x3 = 1.05 gallons
= gallons + (0.0026 gallons/foot X 100 feet) + 0.10 gallons = 1.36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.0	PURGING INITIATED AT: 0815	PURGING ENDED AT: 0947	TOTAL VOLUME PURGED (gallons): 9.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0837	1.10	1.10	0.05	30.89	6.89	29.7	961	0.35	-85.2	159	Dark grey	none
0859	1.10	2.20	0.05	30.89	6.87	29.7	974	0.20	-94.6	49.3	Light Grey	none
0921	1.10	3.30	0.05	30.89	6.80	32.2	1026	0.14	-95.0	28.8	none	none
0943	1.10	4.40	0.05	30.89	6.68	32.4	1031	0.11	-82.4	17.6	none	none
0945	0.10	4.50	0.05	30.89	6.68	32.2	1029	0.10	-82.5	12.8	↓	↓
0947	0.10	4.60	0.05	30.89	6.68	32.3	1028	0.11	-82.9	13.1	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson Aecom	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0948	SAMPLING ENDED AT: 0953
PUMP OR TUBING DEPTH IN WELL (feet): 38.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW41	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	~~APP~~ BP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-42	SAMPLE ID: MW-42	DATE: 08/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 11.07	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = .87 gallons

17 x3 = 51 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 1150	PURGING ENDED AT: 1208	TOTAL VOLUME PURGED (gallons): .90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1202	.60	.60	0.05	12.32	4.70	32.0	170	0.28	111.1	4.8	none	none
1204	.10	.70	0.05	12.32	4.72	32.1	171	0.27	110.9	5.8	↓	↓
1206	.10	.80	0.05	12.32	4.70	32.0	171	0.27	110.8	6.2		
1208	.10	.90	0.05	12.32	4.71	32.0	171	0.27	110.5	5.9		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1209	SAMPLING ENDED AT: 1218
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-42	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200
↓	1	PE	250mL	HNO_3	—	—	6010B(Al/Fe)	↓	↓
↓	1	PE	1L	NONE	—	—	2540C(TDS)	↓	↓

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-43	SAMPLE ID: MW-43	DATE: 08/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 31.10	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

0.25 x3 = .75 gallons

= gallons + (0.0026 gallons/foot X 60 feet) + 0.10 gallons = 0.25 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 380	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 380	PURGING INITIATED AT: 1045	PURGING ENDED AT: 1107	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1101	.80	.80	0.05	31.32	6.20	29.9	1166	0.35	-95.5	8.2	none	none
1103	.10	.90	0.05	31.32	6.21	29.9	1169	0.33	-95.9	5.2		
1105	.10	1.0	0.05	31.32	6.23	30.0	1171	0.33	-96.3	4.7		
1107	.10	1.10	0.05	31.32	6.23	30.0	1172	0.33	-96.3	4.5		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1108	SAMPLING ENDED AT: 1125
PUMP OR TUBING DEPTH IN WELL (feet): 380	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-43	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	ESP	200
	3	CG	40mL	NONE	—	—	RSK 175 (CO_2)		
	3	CG	40mL	HCl	—	—	RSK 175 (MEE)		
	3	AG	40mL	H_2SO_4	—	—	SM 5310 (TOC)		
	1	PE	250mL	NONE	—	—	2320B (Alkalinity)		
	1	PE	250mL	HNO_3	—	—	6010B (Fe)		
REMARKS:	1	PE	1L	NONE	—	—	DHC DNA...		
		PE	250mL	HNO_3	—	—	6010B (Mn)		

Fe 21 – 48 mg/L

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW44	SAMPLE ID: MW44	DATE: 08/22/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 142 feet to 152 feet	STATIC DEPTH TO WATER (feet): 26.58	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet − feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.31 x3 = .93 gallons
= gallons + (0.0014 gallons/foot X 155 feet) + 0.10 gallons = .31 gallons

1470	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 1470	PURGING INITIATED AT: 1338	PURGING ENDED AT: 1404	TOTAL VOLUME PURGED (gallons): 1.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1358	1.0	1.0	0.05	29.18	6.95	28.6	619	.29	-233.1	4.4	none	none
1400	1.0	1.0	0.05	29.18	6.94	28.6	620	.30	-233.8	4.3		
1402	1.0	1.20	0.05	29.18	6.94	28.6	620	.30	-234.1	4.0		
1404	1.0	1.30	0.05	29.18	6.95	28.7	621	.30	-234.3	3.9	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWILSON ACCOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1405	SAMPLING ENDED AT: 1410
PUMP OR TUBING DEPTH IN WELL (feet): 1470	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW44	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-45	SAMPLE ID: MW-45	DATE: 08/22/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 148.27 feet to 158.27 feet	STATIC DEPTH TO WATER (feet): 23.41	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

x3 = 0.99 gallons

= gallons + (0.0014 gallons/foot X 165 feet) + 0.10 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 153.27'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 153.27'	PURGING INITIATED AT: 1420	PURGING ENDED AT: 1505	TOTAL VOLUME PURGED (gallons): 1.37

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1453	1.0	1.0	0.03	24.16	8.48	34.29	560	1.22	-188.7	21.61	None	None
1501	0.25	1.25	0.03	24.16	8.48	34.31	561	1.20	-189.9	20.21	"	"
1503	0.06	1.31	0.03	24.16	8.48	34.33	562	1.14	-192.0	19.62	"	"
1505	0.06	1.37	0.03	24.16	8.49	34.38	562	0.86	-192.7	19.25	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsot	SAMPLING INITIATED AT: 1506	SAMPLING ENDED AT: 1511
PUMP OR TUBING DEPTH IN WELL (feet): 153.27'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-45	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW47	SAMPLE ID: MW47	DATE: 08/18/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 22 feet to 27 feet	STATIC DEPTH TO WATER (feet): 4.99	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

.14 x3 = 0.42 gallons

= gallons + (0.0014 gallons/foot X 30 feet) + 0.10 gallons = .14 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.5	PURGING INITIATED AT: 1139	PURGING ENDED AT: 1151	TOTAL VOLUME PURGED (gallons): .60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1145	.30	.30	0.05	5.91	5.43	29.2	485	0.34	27.8	18.7	tope	tope
1147	.10	.40	0.05	5.91	5.44	29.4	485	0.45	27.9	16.4		
1149	.10	.50	0.05	5.91	5.45	29.3	485	0.41	28.0	18.1		
1151	.10	.60	0.05	5.91	5.44	29.3	486	0.40	28.0	17.4	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1152	SAMPLING ENDED AT: 1257
PUMP OR TUBING DEPTH IN WELL (feet): 24.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW47	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW48	SAMPLE ID: MW48	DATE: 08/18/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 3.35 feet to 3.85 feet	STATIC DEPTH TO WATER (feet): 26.61	PURGE PUMP TYPE OR BAILER: PD

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= gallons + (0.0014 gallons/foot X 40 feet) + 0.10 gallons = .15 x3 = .45 gallons .15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36.0	PURGING INITIATED AT: 1005	PURGING ENDED AT: 1017	TOTAL VOLUME PURGED (gallons): 0.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1011	.30	.30	0.05	27.48	5.67	27.9	1193	0.38	-30.7	13.8	none	none
1013	.10	0.40	0.05	27.48	5.63	28.0	1194	0.39	-30.9	12.9		
1015	.10	0.50	0.05	27.48	5.64	28.0	1194	0.38	-31.1	10.1		
1017	.10	0.60	0.05	27.48	5.64	28.0	1194	0.37	-31.2	7.7	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1018	SAMPLING ENDED AT: 1030
PUMP OR TUBING DEPTH IN WELL (feet): 36.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW48	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS: Blank 38@0947 / MW48(000)@1021 / MW48(MS)@1024 / MW48(MSD)@1027

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW49	SAMPLE ID: MW49	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 146 feet to 156 feet	STATIC DEPTH TO WATER (feet): 21.77	PURGE PUMP TYPE OR BAILER: 22

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
0.32x3 = .96
= gallons + (0.00014 gallons/foot X 160 feet) + 0.10 gallons = 0.32 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 151.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 151.0	PURGING INITIATED AT: 1230 ~~1100~~	PURGING ENDED AT: 1256	TOTAL VOLUME PURGED (gallons): 1.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1250	1.0	1.0	0.05	24.69	7.08	26.8	691	0.35 – 247.3		6.3	none	none
1252	.10	1.10	0.05	24.69	7.08	26.9	693	0.34 – 247.9		7.0	↓	↓
1254	.10	1.20	0.05	24.69	7.09	26.8	692	0.35 – 248.1		4.7		
1256	.10	1.30	0.05	24.69	7.09	26.8	692	0.35 – 248.2		3.6	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1257	SAMPLING ENDED AT: 1303
PUMP OR TUBING DEPTH IN WELL (feet): ~~151.0~~ 151.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW49	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-50	SAMPLE ID: MW-50	DATE: 08/16/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 245 feet to 255 feet	STATIC DEPTH TO WATER (feet): 12.92	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 1.41 gallons
= gallons + (0.0014 gallons/foot X 265 feet) + 0.10 gallons = 0.47 gallons

Initial Tubing Depth in Well 247.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~~247.5'~~	PURGING INITIATED AT: 1010	PURGING ENDED AT: 1034	TOTAL VOLUME PURGED (gallons): 1.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1020	1.00	1.00	0.05	13.51	7.62	26.79	683	0.24	-257.3	3.31	None	None
1030	0.50	1.50	0.05	13.51	7.62	26.80	684	0.21	-259.1	2.97	"	"
1032	0.10	1.60	0.05	13.51	7.62	26.81	685	0.20	-260.2	2.61	"	"
1034	0.10	1.70	0.05	13.51	7.62	26.83	686	0.18	-260.7	2.21	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1035	SAMPLING ENDED AT: 1038
PUMP OR TUBING DEPTH IN WELL (feet): 247.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-50	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW52	SAMPLE ID: MW52	DATE: 08/16/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 147 feet to 157 feet	STATIC DEPTH TO WATER (feet): 21.21	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.33 x3 = .99 gallons
= gallons + (0.0014 gallons/foot X 170 feet) + 0.10 gallons = .33 gallons

Initial 152.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 152.0	PURGING INITIATED AT: 0950	PURGING ENDED AT: 1016	TOTAL VOLUME PURGED (gallons): 1.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1010	1.0	1.0	0.05	24.80	8.25	28.2	537	0.34	+169.3	14.9	none	none
1012	0.10	1.10	0.05	24.80	8.86	28.2	538	0.35	+169.6	17.1		
1014	0.10	1.20	0.05	24.80	8.85	28.2	538	0.33	+169.8	15.3		
1016	0.10	1.30	0.05	24.80	8.86	28.2	538	0.34	+169.8	10.7	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Stoltenson AECOM	SAMPLER(S) SIGNATURE(S): SDL	SAMPLING INITIATED AT: 1017	SAMPLING ENDED AT: 1023
PUMP OR TUBING DEPTH IN WELL (feet): 152.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW52	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW53	SAMPLE ID: MW53	DATE: 08/16/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 141 feet to 151 feet	STATIC DEPTH TO WATER (feet): 22.24	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0014 gallons/foot X 160 feet) + 0.10 gallons = .32 gallons
.32 x3 = .96 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 146.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 146.0	PURGING INITIATED AT: 1330	PURGING ENDED AT: 1356	TOTAL VOLUME PURGED (gallons): 1.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1350	1.0	1.0	0.05	25.11	6.76	26.4	605	0.35	-137.5	81.4	none	none
1352	0.10	1.10	0.05	25.11	6.76	26.4	605	0.34	-139.9	82.6		
1354	0.10	1.20	0.05	25.11	6.76	26.4	606	0.35	-140.0	81.0		
1356	0.10	1.30	0.05	25.11	6.74	26.5	605	0.34	-140.2	81.9	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1357	SAMPLING ENDED AT: 1405
PUMP OR TUBING DEPTH IN WELL (feet): 146.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW53	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-54	SAMPLE ID: MW-54	DATE: 08/10/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet): 20.98	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.99 gallons
= gallons + (0.0014 gallons/foot X 165 feet) + 0.10 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 150'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 150'	PURGING INITIATED AT: 1015	PURGING ENDED AT: 1039	TOTAL VOLUME PURGED (gallons): 1.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1025	0.5	0.5	0.05	22.14	7.48	25.42	565	6.25	-251.1	5.19	None	None
1035	0.5	1.0	0.05	22.14	7.48	25.43	565	0.24	-255.9	4.39	"	"
1037	0.1	1.1	0.05	22.14	7.48	25.44	564	0.23	-256.1	4.27	"	"
1039	0.1	1.2	0.05	22.14	7.48	25.44	564	0.24	-256.5	4.21	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1040	SAMPLING ENDED AT: 1044
PUMP OR TUBING DEPTH IN WELL (feet): 150'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-54	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-55	SAMPLE ID: MW-55	DATE: 08/18/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 127 feet to 137 feet	STATIC DEPTH TO WATER (feet): 27.35	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.90 gallons
= gallons + (0.0014 gallons/foot X 145 feet) + 0.10 gallons = 0.30 gallons

Initial tubing Depth in Well: 132'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 132'	PURGING INITIATED AT: 0805	PURGING ENDED AT: 0839	TOTAL VOLUME PURGED (gallons): 1.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0825	1.0	1.0	0.05	27.60	7.49	28.47	557	0.31	-236.9	23.7	None	None
0835	0.5	1.5	0.05	27.60	7.48	28.49	557	0.30	-238.6	19.2	u	u
0837	0.1	1.6	0.05	27.60	7.47	28.46	556	0.29	-238.6	17.6	u	u
0839	0.1	1.7	0.05	27.60	7.48	28.50	555	0.27	-208.9	9.7	u	u

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M.Parsotan	SAMPLING INITIATED AT: 0840	SAMPLING ENDED AT: 0844
PUMP OR TUBING DEPTH IN WELL (feet): 135'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-55	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-57	SAMPLE ID: MW-57	DATE: 08/ 26 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 136 feet to 146 feet	STATIC DEPTH TO WATER (feet): 21.78	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 1.02 gallons
= gallons + (0.0014 gallons/foot X 175 feet) + 0.10 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 141'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 141'	PURGING INITIATED AT: 0820	PURGING ENDED AT: 0854	TOTAL VOLUME PURGED (gallons): 1.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0840	1.0	1.0	0.05	22.81	7.64	27.32	599	0.46	-245.0	2.70	None	None
0850	0.5	1.5	0.05	22.81	7.64	27.31	600	0.44	-249.6	2.24	"	"
0852	0.1	1.6	0.05	22.81	7.64	27.33	601	0.42	-250.3	2.10	"	"
0854	0.1	1.7	0.05	22.81	7.64	27.34	603	0.39	-250.9	1.70	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0855	SAMPLING ENDED AT: 0858
PUMP OR TUBING DEPTH IN WELL (feet): 141'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-57	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-58	SAMPLE ID: MW-58	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 140 feet to 150 feet	STATIC DEPTH TO WATER (feet): 22.59	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.99 gallons

= gallons + (0.0014 gallons/foot X 170 feet) + 0.10 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 145'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 145'	PURGING INITIATED AT: 0815	PURGING ENDED AT: 0900	TOTAL VOLUME PURGED (gallons): 1.91

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0850	1.5	1.5	0.04	22.81	7.50	26.26	566	0.30	-207.1	8.17	None	None
0856	0.25	1.75	0.04	22.81	7.50	26.24	567	0.28	-206.8	6.21	"	"
0858	0.08	1.83	0.04	22.81	7.50	26.27	568	0.26	-206.5	5.76	"	"
0900	0.08	1.91	0.04	22.81	7.50	26.28	567	0.25	-206.1	4.87	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0901	SAMPLING ENDED AT: 0904
PUMP OR TUBING DEPTH IN WELL (feet): 145'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-58	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-59	SAMPLE ID: MW59	DATE: 08/09 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 140 feet to 150 feet	STATIC DEPTH TO WATER (feet): 17.36	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
0.33 x3 = .99 gallons
= gallons + (0.0014 gallons/foot X 165 feet) + 0.10 gallons = 0.33 gallons

145.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 145.0	PURGING INITIATED AT: 0910	PURGING ENDED AT: 1050	TOTAL VOLUME PURGED (gallons): 5.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0930	1.0	1.0	0.05	20.54	7.80	25.4	561	0.20	-159.1	40.9	none	organic
0950	1.0	2.0	0.05	20.56	7.68	25.3	562	0.45	-170.3	41.7		
1010	1.0	3.0	0.05	20.56	7.58	25.6	564	0.39	-175.6	39.6		
1030	1.0	4.0	0.05	20.56	7.55	25.6	565	0.33	-182.0	38.1		
1050	1.0	5.0	0.05	20.56	7.54	25.6	564	0.30	-183.1	35.0		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1051	SAMPLING ENDED AT: 1055
PUMP OR TUBING DEPTH IN WELL (feet): 145.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW59	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-62	SAMPLE ID: MW-62	DATE: 08/22 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 17.5 feet to 22.5 feet	STATIC DEPTH TO WATER (feet): 2.53	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.45 gallons

= gallons + (0.0014 gallons/foot X 40 feet) + 0.10 gallons = 0.15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20'	PURGING INITIATED AT: 1220	PURGING ENDED AT: 1239	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1230	0.5	0.5	0.05	2.81	5.71	26.86	720	0.20	-57.0	2.97	None	None
1235	0.25	0.75	0.05	2.81	5.71	26.88	721	0.19	-58.2	2.56	"	"
1237	0.1	0.85	0.05	2.81	5.72	26.87	722	0.18	-58.6	2.42	"	"
1239	0.1	0.95	0.05	2.81	5.71	26.89	724	0.16	-58.9	2.16	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MAJAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1240	SAMPLING ENDED AT: 1243
PUMP OR TUBING DEPTH IN WELL (feet): 20'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-62	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-63	SAMPLE ID: MW-63	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 2.48	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

Initial Tubing Depth in Well: 27.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5'	PURGING INITIATED AT: 0910	PURGING ENDED AT: 0929	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0920	0.5	0.5	0.05	2.75	6.09	26.13	585	0.36	-101.8	3.75	None	None
0925	0.25	0.75	0.05	2.75	6.10	26.12	587	0.34	-101.9	3.28	"	"
0927	0.1	0.85	0.05	2.75	6.10	26.12	588	0.32	-102.1	2.95	"	"
0929	0.1	0.95	0.05	2.75	6.11	26.14	589	0.30	-102.4	2.70	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MAPAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0930	SAMPLING ENDED AT: 0933
PUMP OR TUBING DEPTH IN WELL (feet): 27.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-63	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW64	SAMPLE ID: MW64	DATE: 08/16 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 3.31	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.16 x3 = 0.48 gallons
= gallons + (0.0014 gallons/foot X 45 feet) + 0.10 gallons = .16 gallons

Initial	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	PURGING INITIATED AT: 0912	PURGING ENDED AT: 0926	TOTAL VOLUME PURGED (gallons): .70
27.5				

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0920	.40	.40	0.05	4.23	5.31	27.7	4.10	0.36	-24.2	7.2	none	none
0922	.10	0.50	0.05	4.23	5.30	27.7	411	0.36	-24.5	6.9	"	"
0924	.10	0.60	0.05	4.23	5.30	27.7	411	0.36	-24.5	5.1	"	"
0926	.10	0.70	0.05	4.23	5.31	27.7	412	0.34	-24.7	4.8	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0927	SAMPLING ENDED AT: 0934
PUMP OR TUBING DEPTH IN WELL (feet): 27.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW64	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW65	SAMPLE ID: MW65	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 19 feet to 24 feet	STATIC DEPTH TO WATER (feet): 3.58	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (0.0014 gallons/foot X 30 feet) + 0.10 gallons = .14 x3 = .42 .14 gallons gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.5	PURGING INITIATED AT: 0940	PURGING ENDED AT: 0954	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0948	.40	0.40	0.05	8.61	6.65	25.2	463	0.55	-76.9	19.3	none	none
0950	.40	0.50	0.05	8.61	6.64	25.2	464	0.53	-76.9	16.0		
0952	.10	0.60	0.05	8.61	6.64	25.2	464	0.52	-77.1	15.1		
0954	.10	0.70	0.05	8.61	6.63	25.2	463	0.52	-77.2	12.3	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: GWilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0953	SAMPLING ENDED AT: 1000 0958
PUMP OR TUBING DEPTH IN WELL (feet): 21.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW65	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS: DUP @ 0959 / MS @ 1005 / MSD @ 1002 / BLANK-30 @ 0932

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-67	SAMPLE ID: MW-67	DATE: 08/ 24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 24 feet to 29 feet	STATIC DEPTH TO WATER (feet): 25.90	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.45 gallons
= gallons + (0.0014 gallons/foot X 40 feet) + 0.10 gallons = 0.15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5	PURGING INITIATED AT: 0925	PURGING ENDED AT: 0944	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0935	0.5	0.5	0.05	6.15	5.63	28.90	367	0.13	-19.5	11.42	None	None
0940	0.25	0.75	0.05	6.15	5.63	28.89	368	0.12	-20.4	9.62	"	"
0942	0.1	0.85	0.05	6.15	5.62	28.87	369	0.13	-21.0	9.28	"	"
0944	0.1	0.95	0.05	6.15	5.63	28.88	371	0.11	-22.1	9.10	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0945	SAMPLING ENDED AT: 0948
PUMP OR TUBING DEPTH IN WELL (feet): 26.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-67	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 68	SAMPLE ID: MW 68	DATE: 08/09/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 21.38	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.17 x3 = .51 gallons
= gallons + (0.0014 gallons/foot X 56 feet) + 0.10 gallons = .17 gallons

Initial 38.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.0	PURGING INITIATED AT: 1100	PURGING ENDED AT: 1116	TOTAL VOLUME PURGED (gallons): 0.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1110	0.50	0.50	0.05	21.81	7.28	26.1	534	0.46	-89.5	2.5	none	none
1112	0.10	0.60	0.05	21.81	7.25	26.2	537	0.45	-90.1	0.7	↓	↓
1114	0.10	0.70	0.05	21.81	7.25	26.2	537	0.45	-90.3	2.2		
1116	0.10	0.80	0.05	21.81	7.25	26.2	538	0.45	-90.8	1.4	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1117	SAMPLING ENDED AT: 1123
PUMP OR TUBING DEPTH IN WELL (feet): 38.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW 68	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW69	SAMPLE ID: MW69	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 3.11	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.15 x3 = .45 gallons
= gallons + (.00014 gallons/foot X 40 feet) + 0.10 gallons = .15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 1325	PURGING ENDED AT: 1341	TOTAL VOLUME PURGED (gallons): 0.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1335	.50	.50	0.05	4.39	4.82	28.0	249	0.44	-29.9	2.0	none	none
1337	.10	.60	0.05	4.39	4.82	28.1	250	0.42	-29.3	1.5		
1339	.10	.70	0.05	4.39	4.83	28.1	250	0.39	-29.9	1.6		
1341	.10	.80	0.05	4.39	4.82	28.1	251	0.38	-30.0	1.5		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1342	SAMPLING ENDED AT: 1347
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW69	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW70	SAMPLE ID: MW70	DATE: 08/26/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25"	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 8.92	PURGE PUMP TYPE OR BAILER: PO

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) .15 x3 = .45 gallons
= gallons + (0.0014 gallons/foot X 35 feet) + 0.10 gallons = .15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 0830	PURGING ENDED AT: 0844	TOTAL VOLUME PURGED (gallons): .70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0838	.40	.40	0.05	10.43	5.67	28.2	611	0.33	2.1	19.6	none	none
0840	.10	.50	0.05	10.43	5.62	28.2	611	0.35	0.8	17.3	↓	↓
0842	.10	.60	0.05	10.43	5.61	28.2	610	0.29	0.5	18.7		
0844	.10	.70	0.05	10.43	5.61	28.2	611	0.28	0.1	19.1	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0845	SAMPLING ENDED AT: 0850
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW70	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW71	SAMPLE ID: MW71	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 24 feet to 29 feet	STATIC DEPTH TO WATER (feet): 8.62	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.17 x3 = .51 gallons
= gallons + (0.0014 gallons/foot X 54 feet) + 0.10 gallons = .97 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5	PURGING INITIATED AT: 1500	PURGING ENDED AT: 1514	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1508	0.40	0.40	0.05	10.82	5.24	30.1	155	.28	115.7	10.1	none	none
1510	.10	.50	0.05	10.82	5.25	30.6	161	.38	115.0	7.6		
1512	.10	.60	0.05	10.82	5.25	30.6	162	.35	114.9	2.8		
1514	.10	.70	0.05	10.82	5.26	30.6	161	.36	114.8	1.4		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1515	SAMPLING ENDED AT: 1520

PUMP OR TUBING DEPTH IN WELL (feet): 26.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW71	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-72	SAMPLE ID: MW-72	DATE: 08/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23.5 feet to 28.5 feet	STATIC DEPTH TO WATER (feet): 8.05	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.00014 gallons/foot X 35 feet) + 0.10 gallons = .14 x3 = .42 gallons = 1.4 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26	PURGING INITIATED AT: 1317	PURGING ENDED AT: 1331	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1325	0.40	0.40	0.05	9.03	4.78	28.7	455	0.25	16.5	15.3	mye	organic
1327	0.10	0.50	0.05	9.03	4.79	28.7	455	0.24	17.1	13.1		
1329	0.10	0.60	0.05	9.03	4.79	28.7	456	0.24	17.3	10.8		
1331	0.10	0.70	0.05	9.03	4.79	28.7	455	0.22	17.4	7.6	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1332	SAMPLING ENDED AT: 1358
PUMP OR TUBING DEPTH IN WELL (feet): 26	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-72	20	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200
MW-72	5	PE	250mL	HNO_3	—	—	6010B (Al)	APP	200

REMARKS:
BLANK-39@ 1332 DUP@ ~~1340~~ 1337 MS@ 1345, MSD@ 1349

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-73	SAMPLE ID: MW-73	DATE: 08/ 10 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22 feet to 27 feet	STATIC DEPTH TO WATER (feet): 7.15	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.5'	PURGING INITIATED AT: 1410	PURGING ENDED AT: 1429	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1420	0.50	0.50	0.05	7.96	5.00	28.71	1191	0.18	-29.7	3.13	None	None
1425	0.25	0.75	0.05	7.96	5.00	28.72	1192	0.17	-31.9	2.97	"	"
1427	0.10	0.85	0.05	7.96	5.01	28.73	1193	0.16	-32.2	2.71	"	"
1429	0.10	0.95	0.05	7.96	5.01	28.74	1195	0.14	-32.7	2.54	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1430	SAMPLING ENDED AT: 1434
PUMP OR TUBING DEPTH IN WELL (feet): 24.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-73	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-74	SAMPLE ID: MW-74	DATE: 08/09/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 27.5 feet to 32.5 feet	STATIC DEPTH TO WATER (feet): 12.49	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

x3 = 0.51 gallons

= 0 gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30'	PURGING INITIATED AT: 1035	PURGING ENDED AT: 1055	TOTAL VOLUME PURGED (gallons): 0.99

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1043	0.5	0.50	0.06	13.28	5.66	26.33	1053	0.82	-19.9	5.04	None	None
1051	0.25	0.75	0.06	13.28	5.65	26.35	1054	0.81	-20.6	4.97	"	"
1053	0.12	0.87	0.06	13.28	5.64	26.36	1055	0.80	-20.9	4.61	"	"
1055	0.12	0.99	0.06	13.28	5.65	26.37	1056	0.77	-21.6	4.28	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M.Parsotan	SAMPLING INITIATED AT: 1056	SAMPLING ENDED AT: 1100
PUMP OR TUBING DEPTH IN WELL (feet): 30'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-74	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW75	SAMPLE ID: MW75	DATE: 08/ 11 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 39.5 feet to 44.5 feet	STATIC DEPTH TO WATER (feet): 11.24	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
0.17 x3 = .57 gallons

Total = 42.0 gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

FINAL PUMP OR TUBING DEPTH IN WELL (feet): 42.0	PURGING INITIATED AT: 0710	PURGING ENDED AT: 0721	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0715	.50	.50	0.10	11.57	5.17	25.5	1103	0.69	43.3	14.4	none	none
0717	.20	.70	0.10	11.57	5.18	25.5	1105	0.67	41.9	12.8	↓	↓
0719	.20	.90	0.10	11.57	5.18	25.5	1106	0.64	41.1	13.4		
0721	.20	1.10	0.10	11.57	5.17	25.5	1106	0.64	41.2	11.1	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT 0722	SAMPLING ENDED AT: 0727
PUMP OR TUBING DEPTH IN WELL (feet): 42.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW75	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-76	SAMPLE ID: MW-76	DATE: 08/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 10.35	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (0.00 14 gallons/foot X 35 feet) + 0.10 gallons = .14 x3 = .42 gallons / .14 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 1245	PURGING ENDED AT: 1259	TOTAL VOLUME PURGED (gallons): 170

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1253	.40	.40	0.05	11.97	4.18	28.5	27.5	0.38	95.7	5.5	none	none
1255	.10	.50	0.05	11.97	4.16	28.6	27.7	0.36	95.9	5.0		
1257	.10	.60	0.05	11.97	4.16	28.6	27.7	0.35	96.1	4.3		
1259	.10	.70	0.05	11.97	4.15	28.6	27.7	0.34	96.1	4.9		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1300	SAMPLING ENDED AT: 1305
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-76	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200
↓	1	PE	125mL	NONE	—	—	300 (Sulfate)	↓	↓
↓	1	PE	250mL	HNO_3	—	—	6010B (Fe)	↓	↓

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 77	SAMPLE ID: MW 77	DATE: 08/ 16 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 36 feet to 41 feet	STATIC DEPTH TO WATER (feet): 28.56	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.17 x3 = .51 gallons
= gallons + (0.0014 gallons/foot X 30 feet) + 0.10 gallons = .17 gallons

Initial 38.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	PURGING INITIATED AT: 0800	PURGING ENDED AT 0814	TOTAL VOLUME PURGED (gallons): .70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0808	.70	.40	0.05	28.92	6.62	25.7	483	0.60	-73.9	12.4	none	none
0810	.10	.50	0.05	28.92	6.61	25.7	488	0.60	-77.4	7.69		
0812	.10	.60	0.05	28.92	6.60	25.7	488	0.61	-77.4	2.84		
0814	.10	.70	0.05	28.92	6.60	25.7	487	0.60	-77.3	2.51	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0815	SAMPLING ENDED AT 0820
PUMP OR TUBING DEPTH IN WELL (feet): 38.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW77	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW78	SAMPLE ID: MW78	DATE: 08/24/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 36 feet to 41 feet	STATIC DEPTH TO WATER (feet): 18.9	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.16 x3 = 0.48 gallons
= gallons + (0.0014 gallons/foot X 44 feet) + 0.10 gallons = .16 gallons

Initial 38.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	PURGING INITIATED AT: 0850	PURGING ENDED AT: 0904	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0858	0.40	0.40	0.05	21.63	5.65	27.2	1378	0.37	-37.6	18.3	none	none
0900	.10	0.50	0.05	21.63	5.69	27.3	1380	0.36	-37.3	19.2	"	"
0902	.10	0.60	0.05	21.63	5.69	27.3	1380	0.36	-37.3	17.6	"	"
0904	.10	0.70	0.05	21.63	5.70	27.3	1381	0.35	-37.5	17.7	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0905	SAMPLING ENDED AT: 0910
PUMP OR TUBING DEPTH IN WELL (feet): 38.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW78	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-79	SAMPLE ID: MW-79	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 36 feet to 41 feet	STATIC DEPTH TO WATER (feet): 21.82	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

Initial Tubing Depth in Well: 38.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5'	PURGING INITIATED AT: 1255	PURGING ENDED AT: 1314	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1305	0.50	0.50	0.05	22.98	6.72	26.89	514	0.31	-84.1	7.08	None	None
1310	0.25	0.75	0.05	22.98	6.72	26.87	515	0.30	-83.8	6.97	"	"
1312	0.1	0.85	0.05	22.98	6.72	26.90	516	0.28	-83.2	6.99	"	"
1314	0.1	0.95	0.05	22.98	6.73	26.97	517	0.27	-83.0	5.95	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1315	SAMPLING ENDED AT: 1318
PUMP OR TUBING DEPTH IN WELL (feet): 38.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-79	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-80	SAMPLE ID: MW-80	DATE: 08/23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 36 feet to 41 feet	STATIC DEPTH TO WATER (feet): 25.01	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= gallons + (0.0014 gallons/foot X 55 feet) + 0.10 gallons = .17 x3 = .51 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	PURGING INITIATED AT: 1410	PURGING ENDED AT: 1426	TOTAL VOLUME PURGED (gallons): 0.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1420	.50	.50	0.05	25.61	5.96	29.5	1579	0.17	-30.4	3.8	none	none
1422	.60	.60	0.05	25.61	5.99	29.6	1578	0.17	-30.5	3.0	"	"
1424	.70	.70	0.05	25.61	5.99	29.6	1579	0.16	-30.5	2.5	"	"
1426	.80	.80	0.05	25.61	6.00	29.6	1579	0.17	-30.6	3.1	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1427	SAMPLING ENDED AT: 1607
PUMP OR TUBING DEPTH IN WELL (feet): 38.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-80	20	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200
	5	PE	125mL	NONE	—	—	300 (Sulfate)		
	5	PE	1L	NONE	—	—	2540C (TDS)		
	5	PE	250mL	HNO_3	—	—	6010B (Fe/Mn)		

REMARKS: BLANK-40 @ 1405, DUP @ ~~1415~~, MS @ 1437, ~~1425~~ 1447, MSD @ ~~1435~~ 1457.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-81	SAMPLE ID: MW-81	DATE: 08/24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 36 feet to 41 feet	STATIC DEPTH TO WATER (feet): 28.54	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

x3 = 0.51 gallons

= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5'	PURGING INITIATED AT: 0835	PURGING ENDED AT: 0859	TOTAL VOLUME PURGED (gallons): 1.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0850	0.75	0.75	0.05	28.74	7.04	27.32	909	0.20 –	81.6	3.36	None	None
0855	0.25	1.00	0.05	28.74	7.04	27.30	907	0.19 –	82.7	3.28	"	"
0857	0.1	1.10	0.05	28.74	7.04	27.27	908	0.18 –	82.9	3.20	"	"
0859	0.1	1.20	0.05	28.74	7.05	27.28	909	0.16 –	83.6	3.16	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0906	SAMPLING ENDED AT: 0903
PUMP OR TUBING DEPTH IN WELL (feet): 38.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-81	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-82	SAMPLE ID: MW-82	DATE: 08/09/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 36.5 feet to 41.5 feet	STATIC DEPTH TO WATER (feet): 14.11	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.54 gallons

= gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 39'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 39'	PURGING INITIATED AT: 1110	PURGING ENDED AT: 1126	TOTAL VOLUME PURGED (gallons): 0.99

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1118	0.50	0.50	0.06	14.91	7.20	26.68	837	0.11	-223.9	3.26	None	None
1122	0.25	0.75	0.06	14.91	7.20	26.69	838	0.10	-224.8	3.12	"	"
1124	0.12	0.87	0.06	14.91	7.20	26.70	838	0.11	-225.7	2.97	"	"
1126	0.12	0.99	0.06	14.91	7.21	26.71	840	0.09	-231.6	2.75	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1127	SAMPLING ENDED AT: 1131
PUMP OR TUBING DEPTH IN WELL (feet): 39'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-82	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-83	SAMPLE ID: MW-83	DATE: 08/11/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 102 feet to 112 feet	STATIC DEPTH TO WATER (feet): 22.91	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.81 gallons

= gallons + (0.0014 gallons/foot X 120 feet) + 0.10 gallons = 0.27 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 107'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 107'	PURGING INITIATED AT: 1240	PURGING ENDED AT: 1304	TOTAL VOLUME PURGED (gallons): 1.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1255	0.75	0.75	0.05	23.17	6.59	28.01	96	0.25	-147.5	15.6	None	None
1300	0.25	1.00	0.05	23.17	6.60	28.02	97	0.24	-146.2	14.4	u	u
1302	0.1	1.10	0.05	23.17	6.61	28.63	98	0.25	-145.2	13.9	u	u
1304	0.1	1.20	0.05	23.17	6.60	28.04	97	0.21	-145.8	13.7	u	u

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsot	SAMPLING INITIATED AT: 1305	SAMPLING ENDED AT: 1309
PUMP OR TUBING DEPTH IN WELL (feet): 107'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-83	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-84	SAMPLE ID: MW-84	DATE: 08/24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 23.45	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.51 gallons

= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38'	PURGING INITIATED AT: 0750	PURGING ENDED AT: 0809	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0800	0.5	0.5	0.05	23.67	6.90	26.65	1410	0.35	-53.7	3.87	None	None
0805	0.25	0.75	0.05	23.67	6.89	26.66	1411	0.34	-54.1	3.46	"	"
0807	0.1	0.85	0.05	23.67	6.89	26.67	1410	0.32	-54.4	3.38	"	"
0809	0.1	0.95	0.05	23.67	6.88	26.66	1409	0.30	-54.6	3.21	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0810	SAMPLING ENDED AT: 0813
PUMP OR TUBING DEPTH IN WELL (feet): 38'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-84	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-85	SAMPLE ID: MW85	DATE: 08/11/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 50 feet to 55 feet	STATIC DEPTH TO WATER (feet): 15.67	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

0.19 x3 = .57 gallons

= gallons + (0.0014 gallons/foot X 65 feet) + 0.10 gallons = .19 gallons

Initial 52.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 52.5	PURGING INITIATED AT: 1432	PURGING ENDED AT: 1448	TOTAL VOLUME PURGED (gallons): .80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1442	.50	.50	0.05	16.51	6.73	28.2	1027	0.38	-43.0	4.6	none	none
1444	.10	.60	0.05	16.51	6.73	28.2	1027	0.38	-36.1	1.2		
1446	.10	.70	0.05	16.51	6.74	28.2	1029	0.37	-36.3	1.5		
1448	.10	.80	0.05	16.51	6.73	28.2	1029	0.37	-36.2	0.91		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1449	SAMPLING ENDED AT: 1459
PUMP OR TUBING DEPTH IN WELL (feet): 52.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW85	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-86R	SAMPLE ID: MW-86R	DATE: 08/24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30 feet to 40 feet	STATIC DEPTH TO WATER (feet): 21.04	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.90 gallons

= gallons + (0.0014 gallons/foot X 145 feet) + 0.10 gallons = 0.30 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35'	PURGING INITIATED AT: 1025	PURGING ENDED AT: 1100	TOTAL VOLUME PURGED (gallons): 1.41

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1050	1.0	1.0	0.04	22.31	6.73	28.85	848	0.52	-60.9	4.33	None	None
1056	0.25	1.25	0.04	22.31	6.73	28.83	847	0.49	-61.3	3.39	"	"
1058	0.08	1.33	0.04	22.31	6.73	28.81	848	0.47	-61.6	3.21	"	"
1100	0.08	1.41	0.04	22.31	6.73	28.80	849	0.45	-61.9	2.86	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1101	SAMPLING ENDED AT: 1104
PUMP OR TUBING DEPTH IN WELL (feet): 35'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-86R	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 87	SAMPLE ID: MW87	DATE: 08/11/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 36 feet to 1 feet	STATIC DEPTH TO WATER (feet): 20.62	PURGE PUMP TYPE OR BAILER: PD

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.17 x3 = .51 gallons
= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 1.17 gallons

38.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	PURGING INITIATED AT: 0640	PURGING ENDED AT: 0656	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0650	.50	.50	0.10	21.79	6.39	24.7	1456	1.35	-88.4	10.9	none	none
0652	0.20	.70	0.10	21.79	6.38	24.7	1459	1.30	-88.6	12.1		
0654	0.20	.90	0.10	21.75	6.38	24.7	1459	1.23	-88.7	10.1		
0656	0.20	1.10	0.10	21.79	6.39	24.7	1460	1.26	-88.9	8.3	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0657	SAMPLING ENDED AT: 0703
PUMP OR TUBING DEPTH IN WELL (feet): 38.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW87	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 89	SAMPLE ID: MW89	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 27 feet to 32 feet	STATIC DEPTH TO WATER (feet): 4.16	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

.15 x3 = .45 gallons

= gallons + (0.0014 gallons/foot X 37 feet) + 0.10 gallons = .15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.5	PURGING INITIATED AT: 1315	PURGING ENDED AT: 1329	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (uS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1323	.40	.40	0.05	4.92	6.44	28.0	616	0.40	+146.0	4.4	none	none
1325	.10	.50	0.05	4.92	6.45	28.0	616	0.40	+146.1	2.1		
1327	.10	.60	0.05	4.92	6.44	27.9	614	0.39	+145.9	2.6		
1329	.10	.70	0.05	4.92	6.44	27.9	614	0.39	+145.7	2.0		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1330	SAMPLING ENDED AT: 1335
PUMP OR TUBING DEPTH IN WELL (feet): 29.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW89	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 90	SAMPLE ID: MW 90	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25"	WELL SCREEN INTERVAL DEPTH: 25.5 feet to 30.5 feet	STATIC DEPTH TO WATER (feet): 2.01	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (0.00014 gallons/foot X 35 feet) + 0.10 gallons = .14 gallons .14 x3 = .42 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.0	PURGING INITIATED AT: 1025	PURGING ENDED AT: 1039	TOTAL VOLUME PURGED (gallons): .70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1033	.40	.40	0.05	3.30	6.78	26.7	363	0.32	-2.0	4.3	none	none
1035	.10	.50	0.05	3.30	6.76	26.8	379	0.32	-2.1	5.3		
1037	.10	.60	0.05	3.30	6.76	26.8	379	0.32	-2.0	3.0		
1039	.10	.70	0.05	3.30	6.75	26.8	378	0.32	-2.0	2.8	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1040	SAMPLING ENDED AT: 1045
PUMP OR TUBING DEPTH IN WELL (feet): 28.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW90	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 91	SAMPLE ID: MW91	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 32.5 feet to 37.5 feet	STATIC DEPTH TO WATER (feet): 19.48	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (0.0014 gallons/foot X 42 feet) + 0.10 gallons = .15 x3 = .45 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35.0	PURGING INITIATED AT: 0820	PURGING ENDED AT: 0834	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0828	.40	.40	0.05	22.18	6.54	26.1	649	0.52	-71.0	10.1	none	none
0830	.10	0.50	0.05	22.18	6.53	26.2	650	0.49	-76.9	9.1		
0832	.10	0.60	0.05	22.18	6.53	26.2	650	0.48	-76.8	8.7		
0834	.10	0.70	0.05	22.18	6.54	26.2	650	0.48	-76.9	7.9	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0835	SAMPLING ENDED AT: 0840
PUMP OR TUBING DEPTH IN WELL (feet): 35.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW91	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-92	SAMPLE ID: MW-92	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): ¼	WELL SCREEN INTERVAL DEPTH: 33 feet to 38 feet	STATIC DEPTH TO WATER (feet): 19.97	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

Initial Tubing Depth in Well: 35.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35.5'	PURGING INITIATED AT: 0825	PURGING ENDED AT: 0848	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0835	0.5	0.5	0.05	20.62	7.30	25.17	499	0.46 –	162.9	5.18	None	None
0840	0.25	0.75	0.05	20.62	7.30	25.18	500	0.45 –	164.4	4.69	"	"
0842	0.1	0.85	0.05	20.62	7.30	25.19	501	0.47 –	164.9	4.47	"	"
0844	0.1	0.95	0.05	20.62	7.30	25.18	503	0.44 –	166.2	4.25	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M.Parsotan	SAMPLING INITIATED AT: 0845	SAMPLING ENDED AT: 0848
PUMP OR TUBING DEPTH IN WELL (feet): 35.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-92	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-93	SAMPLE ID: MW-93	DATE: 08/16/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 33 feet to 38 feet	STATIC DEPTH TO WATER (feet): 18.32	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

Initial Tubing Depth in Well 35.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35.5'	PURGING INITIATED AT: 1050	PURGING ENDED AT: 1109	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1100	0.5	0.5	0.05	19.74	7.28	26.41	847	0.34	-166.1	1.81	None	None
1105	0.25	0.75	0.05	19.74	7.28	26.40	846	0.33	-184.7	0.97	"	"
1107	0.1	0.85	0.05	19.74	7.28	26.38	844	0.32	-183.3	0.61	"	"
1109	0.1	0.95	0.05	19.74	7.28	26.35	845	0.30	-182.1	0.52	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTHAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsothan	SAMPLING INITIATED AT: 1110	SAMPLING ENDED AT: 1113
PUMP OR TUBING DEPTH IN WELL (feet): 35.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-93	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-94	SAMPLE ID: MW-94	DATE: 08/ 11 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22 feet to 27 feet	STATIC DEPTH TO WATER (feet): 3.98	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

x3 = 0.51 gallons

= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.5'	PURGING INITIATED AT: 0920	PURGING ENDED AT: 0939	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0930	0.5	0.5	0.05	4.14	5.28	25.62	350	0.16	-74.3	3.27	None	None
0935	0.25	0.75	0.05	4.14	5.28	25.63	350	0.16	-75.2	3.16	"	"
0937	0.1	0.85	0.05	4.14	5.28	25.62	350	0.15	-76.2	2.98	"	"
0939	0.1	0.95	0.05	4.14	5.28	25.63	351	0.15	-76.8	2.75	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0940	SAMPLING ENDED AT: 0944
PUMP OR TUBING DEPTH IN WELL (feet): 24.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-94	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-95	SAMPLE ID: MW-95	DATE: 08/11/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20 feet to 25 feet	STATIC DEPTH TO WATER (feet): 3.05	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.5'	PURGING INITIATED AT: 1005	PURGING ENDED AT: 1024	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1015	0.5	0.5	0.05	3.21	5.06	26.42	657	0.22	4.2	4.02	None	None
1020	0.25	0.75	0.05	3.21	5.06	26.40	656	0.21	3.6	3.97	"	"
1022	0.1	0.85	0.05	3.21	5.06	26.37	655	0.19	2.8	3.75	"	"
1024	0.1	0.95	0.05	3.21	5.07	26.36	654	0.17	1.3	3.26	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN AECOM	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1025	SAMPLING ENDED AT: 1029
PUMP OR TUBING DEPTH IN WELL (feet): 22.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-95	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-98	SAMPLE ID: MW-98	DATE: 08/10/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 33 feet to 38 feet	STATIC DEPTH TO WATER (feet): 10.50	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.54 gallons

= gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35.5'	PURGING INITIATED AT: 1445	PURGING ENDED AT: 1504	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1455	0.5	0.5	0.05	13.66	6.58	29.96	1301	0.16	-71.6	2.32	None	None
1500	0.25	0.75	0.05	13.66	6.58	29.96	1304	0.15	-71.2	2.16	"	"
1502	0.10	0.85	0.05	13.66	6.58	29.97	1306	0.14	-71.9	2.09	"	"
1504	0.10	0.95	0.05	13.66	6.58	29.94	1305	0.13	-72.1	1.97	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1505	SAMPLING ENDED AT: 1509
PUMP OR TUBING DEPTH IN WELL (feet): 35.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-98	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-100	SAMPLE ID: MW-100	DATE: 08/10/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 9.32	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.51 gallons

= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5'	PURGING INITIATED AT: 1230	PURGING ENDED AT: 1249	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1240	0.5	0.5	0.05	9.54	5.58	29.11	732	0.17	-40.4	4.19	None	None
1245	0.25	0.75	0.05	9.54	5.58	29.10	734	0.16	-41.4	3.67	"	"
1247	0.1	0.85	0.05	9.54	5.58	29.11	735	0.15	-41.9	3.21	"	"
1249	0.1	0.95	0.05	9.54	5.58	29.13	736	0.13	-42.4	2.73	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1250	SAMPLING ENDED AT: 1254
PUMP OR TUBING DEPTH IN WELL (feet): 27.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-100	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-101	SAMPLE ID: MW-101	DATE: 08/18/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 53 feet to 58 feet	STATIC DEPTH TO WATER (feet): 13.53	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.60 gallons
= gallons + (0.0014 gallons/foot X 75. feet) + 0.10 gallons = 0.20 gallons

Initial tubing Depth in Well: ~~55.5'~~	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~~55.5'~~	PURGING INITIATED AT: 0920	PURGING ENDED AT: 0929	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0930	0.50	0.50	0.05	15.58	7.32	29.29	481	0.30	-95.4	2.30	None	None
0925	0.25	0.75	0.05	15.58	7.32	29.28	488	0.31	-95.2	2.21	"	"
0927	0.1	0.85	0.05	15.58	7.32	29.26	489	0.29	-95.7	2.16	"	"
0929	0.1	0.95	0.05	15.58	7.31	29.27	490	0.27	-95.9	2.10	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MAYAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0930	SAMPLING ENDED AT: 0933
PUMP OR TUBING DEPTH IN WELL (feet): 55.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-101	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW102	SAMPLE ID: MW102	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 16.47	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

.25 x3 = .75 gallons

= gallons + (0.0014 gallons/foot X 110 feet) + 0.10 gallons = .25 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 95.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95.0	PURGING INITIATED AT: 1410	PURGING ENDED AT: 1429	TOTAL VOLUME PURGED (gallons): 1.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1423	.70	.70	0.05	16.88	6.49	27.3	1239	0.53	-178.0	9.6	none	none
1425	.10	.80	0.05	16.88	6.47	27.1	1237	0.54	-177.8	10.5	↓	↓
1427	.10	.90	0.05	16.88	6.44	27.1	1237	0.53	-177.5	8.0		
1429	.10	1.0	0.05	16.88	6.45	27.1	1237	0.53	-177.6	7.1	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1430	SAMPLING ENDED AT: 1445
PUMP OR TUBING DEPTH IN WELL (feet): 95.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW102	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS: MW102(DUP) @1434 / (MS) @ 1438 / (MSD) @ 1441 / BLANK-[illegible]37 @ 1402

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW103	SAMPLE ID: MW103	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 7.49	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

.15 x3 = .45 gallons

= gallons + (0.0014 gallons/foot X 35 feet) + 0.10 gallons = .15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	PURGING INITIATED AT: 1450	PURGING ENDED AT: 1504	TOTAL VOLUME PURGED (gallons): .70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1458	.40	.40	0.05	7.53	5.46	26.4	1284	0.33	-11.0	4.6	none	none
1500	.10	.50	0.05	7.53	5.44	26.3	1283	0.34	-11.9	4.5		
1502	.10	.60	0.05	7.53	5.43	26.3	1284	0.32	-12.1	6.3		
1504	.10	.70	0.05	7.53	5.43	26.3	1284	0.35	-12.4	3.9	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1505	SAMPLING ENDED AT: 1510
PUMP OR TUBING DEPTH IN WELL (feet): 27.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW103	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-104	SAMPLE ID: MW-104	DATE: 08/10/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25' feet to 30.1 feet	STATIC DEPTH TO WATER (feet): 7.71	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.51 gallons

= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.6'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.6'	PURGING INITIATED AT: 0830	PURGING ENDED AT: 0846	TOTAL VOLUME PURGED (gallons): 0.99

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0838	0.50	0.50	0.06	7.85	5.51	24.91	396	1.48	7.2	1.18	None	None
0842	0.25	0.75	0.06	7.85	5.34	24.88	390	0.62	-6.6	1.09	"	"
0844	0.12	0.87	0.06	7.85	5.34	24.88	389	0.59	-7.9	0.91	"	"
0846	0.12	0.99	0.06	7.85	5.33	24.88	388	0.55	-9.3	0.67	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: M. Parsotan (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0847	SAMPLING ENDED AT: 0851
PUMP OR TUBING DEPTH IN WELL (feet): 27.6'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-104	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-105	SAMPLE ID: MW-105	DATE: 08/10/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 41.8 feet to 46.8 feet	STATIC DEPTH TO WATER (feet): 20.57	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.54 gallons

= gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 44.3'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 44.3'	PURGING INITIATED AT: 1315	PURGING ENDED AT: 1334	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1325	0.50	0.50	0.05	20.78	7.31	26.08	500	0.29	-90.8	7.38	None	None
1330	0.25	0.75	0.05	20.78	7.32	26.07	505	0.27	-93.8	6.28	"	"
1332	0.1	0.85	0.05	20.78	7.32	26.06	501	0.28	-94.4	5.27	"	"
1334	0.1	0.95	0.05	20.78	7.32	26.05	502	0.26	-97.7	3.52	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1335	SAMPLING ENDED AT: 1339
PUMP OR TUBING DEPTH IN WELL (feet): 44.3'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-105	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-106	SAMPLE ID: MW-106	DATE: 08/ 18 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 40 feet to 45 feet	STATIC DEPTH TO WATER (feet): 8.59	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.51 gallons

= gallons + (0.0014 gallons/foot X ~~0.00~~ 50 feet) + 0.10 gallons = 0.17 gallons

Initial tubing Depth in Well: 42.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 42.5'	PURGING INITIATED AT: 0720	PURGING ENDED AT: 0739	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0730	0.5	0.5	0.05	10.76	6.31	28.00	984	0.28	-55.1	4.00	None	None
0735	0.25	0.75	0.05	10.76	6.30	28.02	985	0.25	-55.2	3.91	"	"
0737	0.1	0.85	0.05	10.76	6.31	28.03	986	0.23	-55.6	3.72	"	"
0739	0.1	0.95	0.05	10.76	6.29	28.04	987	0.21	-55.9	3.51	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0740	SAMPLING ENDED AT: 0743
PUMP OR TUBING DEPTH IN WELL (feet): 42.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-106	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-107	SAMPLE ID: MW-107	DATE: 08/11/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 21 feet to 26 feet	STATIC DEPTH TO WATER (feet): 2.45	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.48 gallons

= gallons + (0.0014 gallons/foot X 40 feet) + 0.10 gallons = 0.16 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.5'	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1114	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1105	0.5	0.5	0.05	2.64	6.69	26.25	1981	0.22	191.4	1.41	None	None
1110	0.25	0.75	0.05	2.64	6.69	26.24	1987	0.20	192.6	1.29	"	"
1112	0.1	0.85	0.05	2.64	6.68	26.24	1991	0.18	193.6	1.16	"	"
1114	0.1	0.95	0.05	2.64	6.68	26.23	1998	0.15	194.2	1.12	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MAGAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1115	SAMPLING ENDED AT: 1119
PUMP OR TUBING DEPTH IN WELL (feet): 23.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-107	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW108	SAMPLE ID: MW108	DATE: 08/15/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25"	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 1.72	PURGE PUMP TYPE OR BAILER: PC

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0014 gallons/foot X 33 feet) + 0.10 gallons = .14 gallons
.14 x3 = 0.42 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 0850	PURGING ENDED AT: 0904	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0858	.40	.40	0.05	1.98	5.82	28.6	616	0.56	+31.4	8.4	none	none
0900	.10	.50	0.05	1.98	5.87	28.6	617	0.51	+33.4	2.8	↓	↓
0902	.10	.60	0.05	1.98	5.89	28.6	617	0.50	+33.6	1.9		
0904	.10	.70	0.05	1.98	5.89	28.5	616	0.47	+33.9	1.9	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S): JWL	SAMPLING INITIATED AT: 0905	SAMPLING ENDED AT: 0918
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW108	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW109	SAMPLE ID: MW109	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 21.65 feet to 26.65 feet	STATIC DEPTH TO WATER (feet): 3.82	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

.14 x3 = 0.42 gallons

= gallons + (0.0014 gallons/foot X 30 feet) + 0.10 gallons = .14 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.15	PURGING INITIATED AT: 1400	PURGING ENDED AT: 1414	TOTAL VOLUME PURGED (gallons): .70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1408	.40	0.40	0.05	6.26	5.81	26.2	819	0.56	-54.1	720	none	none
1410	.10	.50	0.05	6.26	5.81	26.3	819	0.50	-54.8	5.1		
1412	.10	.60	0.05	6.26	5.83	26.3	819	0.45	-55.0	2.6		
1414	.10	.70	0.05	6.26	5.83	26.3	819	0.43	-55.1	2.4		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1415	SAMPLING ENDED AT: 1420
PUMP OR TUBING DEPTH IN WELL (feet): 24.15	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW109	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-[redacted]110R	SAMPLE ID: MW-~~11~~ 110R	DATE: 08/24/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 3.70	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.84 gallons
= gallons + (0.0014 gallons/foot X 130 feet) + 0.10 gallons = 0.28 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5'	PURGING INITIATED AT: 1130	PURGING ENDED AT: 1159	TOTAL VOLUME PURGED (gallons): 1.45

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1150	1.00	1.00	0.05	4.61	5.58	28.53	190	0.15	1.1	5.40	None	None
1155	0.25	1.25	0.05	4.61	5.58	28.54	192	0.16	0.6	5.37	"	"
1157	0.1	1.35	0.05	4.61	5.58	28.57	191	0.14	-0.4	5.21	"	"
1159	0.1	1.45	0.05	4.61	5.59	28.58	192	0.15	-1.8	5.16	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1200	SAMPLING ENDED AT: 1203
PUMP OR TUBING DEPTH IN WELL (feet): ~~17.5~~ 17.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-110R	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-111	SAMPLE ID: MW-111	DATE: 08/16/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 1.75	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.45 gallons
= gallons + (0.0014 gallons/foot X 40 feet) + 0.10 gallons = 0.15 gallons

Initial Tubing Depth in Well: 25.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5'	PURGING INITIATED AT: 0835	PURGING ENDED AT: 0854	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0845	0.5	0.5	0.05	2.35	6.34	26.56	636	0.22	-77.6	3.13	None	None
0850	0.25	0.75	0.05	2.35	6.34	26.55	636	0.22	-77.5	2.95	"	"
0852	0.1	0.85	0.05	2.35	6.34	26.54	634	0.21	-77.2	2.71	"	"
0854	0.1	0.95	0.05	2.35	6.35	26.55	635	0.19	-77.4	2.68	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: M. PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0855	SAMPLING ENDED AT: 0858
PUMP OR TUBING DEPTH IN WELL (feet): 25.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-111	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-113	SAMPLE ID: MW-113	DATE: 08/16/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 37 feet to 42 feet	STATIC DEPTH TO WATER (feet): 18.07	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.54 gallons
= gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

Initial tubing Depth in well: 39.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 39.5'	PURGING INITIATED AT: 0910	PURGING ENDED AT: 0929	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0920	0.5	0.5	0.05	20.20	7.25	26.30	583	0.28	-191.3	1.01	None	None
0925	0.25	0.75	0.05	20.20	7.25	26.35	584	0.27	-191.5	0.95	"	"
0927	0.1	0.85	0.05	20.20	7.25	26.34	582	0.28	-191.7	0.75	"	"
0929	0.1	0.95	0.05	20.20	7.25	26.33	580	0.20	-191.9	0.62	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: M. PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0930	SAMPLING ENDED AT: 0933
PUMP OR TUBING DEPTH IN WELL (feet): 39.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-113	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-114	SAMPLE ID: MW-114	DATE: 08/ 11 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 2.65	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.54 gallons

= gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5'	PURGING INITIATED AT: 0825	PURGING ENDED AT: 0844	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0835	0.5	0.5	0.05	2.98	6.27	24.68	334	0.32	-51.9	6.14	None	None
0840	0.25	0.25	0.05	2.98	6.27	24.69	333	0.31	-52.6	6.08	"	"
0842	0.1	0.85	0.05	2.98	6.27	24.70	335	0.29	-54.3	5.75	"	"
0844	0.1	0.95	0.05	2.98	6.27	24.70	336	0.26	-58.7	5.28	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTHAN (AECOM)	SAMPLER(S) SIGNATURE(S): M.Parsot	SAMPLING INITIATED AT: 0845	SAMPLING ENDED AT: 0849
PUMP OR TUBING DEPTH IN WELL (feet): 37.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-114	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW115	SAMPLE ID: MW115	DATE: 08/12/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 20 feet to 25 feet	STATIC DEPTH TO WATER (feet): 5.39	PURGE PUMP TYPE OR BAILER: PD

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.14 x3 = .42 gallons
= gallons + (.00014 gallons/foot X 33 feet) + 0.10 gallons = .14 gallons

Ftotal 22.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.5	PURGING INITIATED AT: 0900	PURGING ENDED AT: 0916	TOTAL VOLUME PURGED (gallons): 0.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0900	.50	.50	0.05	6.36	6.76	26.8	582	1.38	-82.0	7.8	clear	none
0912	.10	.60	0.05	6.36	6.76	26.9	584	1.36	-82.1	2.9		
0914	.10	.70	0.05	6.36	6.74	26.9	584	1.36	-82.1	1.9		
0916	.10	.80	0.05	6.36	6.74	26.9	585	1.36	-82.2	0.70	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JDWilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0917	SAMPLING ENDED AT: 0923
PUMP OR TUBING DEPTH IN WELL (feet): 22.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW115	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW116	SAMPLE ID: MW116	DATE: 08/8 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 21 feet to 26 feet	STATIC DEPTH TO WATER (feet): 0.28	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0014 gallons/foot X 35.0 feet) + 0.10 gallons = .14 gallons
.14 x3 = 0.42 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.5	PURGING INITIATED AT: 0751	PURGING ENDED AT: 0805	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0759	.40	.40	0.05	1.53	6.82	27.2	647	0.93	415.6	12.1	none	none
0801	0.10	0.50	0.05	1.53	6.84	27.2	648	0.89	-115.8	4.5		
0803	0.10	0.60	0.05	1.53	6.84	27.2	649	0.85	-116.1	2.7		
0805	0.10	0.70	0.06	1.53	6.85	27.2	649	0.85	-116.3	1.9	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J WILCSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0806	SAMPLING ENDED AT: 0811
PUMP OR TUBING DEPTH IN WELL (feet): 23.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW116	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-117	SAMPLE ID: MW-117	DATE: 08/09/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 37 feet to 42 feet	STATIC DEPTH TO WATER (feet): 8.03	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.54 gallons
= gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 39.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 39.5'	PURGING INITIATED AT: 0952 (~~0950~~)	PURGING ENDED AT: 1008	TOTAL VOLUME PURGED (gallons): 0.99

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
~~1000~~	0.50	0.50	0.06	11.95	7.34	26.09	580	1.25	-94.6	1.47	None	None
1004	0.25	0.75	0.06	11.95	7.34	26.09	578	1.26	-92.6	1.25	"	"
1006	0.12	0.87	0.06	11.95	7.34	26.09	577	1.27	-90.2	1.02	"	"
1008	0.12	0.99	0.06	11.95	7.34	26.09	576	1.30	-84.6	0.68	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1009	SAMPLING ENDED AT: 1013
PUMP OR TUBING DEPTH IN WELL (feet): 39.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-117	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-118	SAMPLE ID: MW-118	DATE: 08/07/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20 feet to 25 feet	STATIC DEPTH TO WATER (feet): 6.18	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.54 gallons

= 0 gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.5	PURGING INITIATED AT: 09:53	PURGING ENDED AT: 10:04	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or ~~uS/cm~~	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
09:58	0.50	0.50	0.10	6.32	6.13	26.3	1173	1.25	-8.7	7.83	NONE	NONE
10:00	0.20	0.70	↓	↓	6.05	26.3	1167	1.24	-10.5	6.52	↓	↓
10:02	↓	0.90			6.03	26.3	1165	1.22	-11.2	5.83		
10:04	↓	1.10	↓	↓	6.01	26.3	1165	1.20	-11.8	4.75	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 10:04	SAMPLING ENDED AT: 10:07
PUMP OR TUBING DEPTH IN WELL (feet): 22.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-118	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-119	SAMPLE ID: MW-119	DATE: 08/09/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 31 feet to 36 feet	STATIC DEPTH TO WATER (feet): 6.26	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.54 gallons
= 0 gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33.5	PURGING INITIATED AT: 09:22	PURGING ENDED AT: 09:33	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
09:27	0.50	0.50	0.10	8.10	11.51	25.9	1131	0.45	+7.8	6.92	NONE	NONE
09:29	0.20	0.70	↓	↓	11.51	25.9	1132	0.45	-4.0	8.88	↓	↓
09:31	↓	0.90	↓	↓	11.52	25.9	1134	0.42	-13.1	7.53	↓	↓
09:33	↓	1.10	↓	↓	11.52	25.9	1135	0.40	-15.8	6.28	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chad Lee / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 09:33	SAMPLING ENDED AT: 09:36
PUMP OR TUBING DEPTH IN WELL (feet): 33.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-119	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-120	SAMPLE ID: MW-120	DATE: 08/09/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20 feet to 25 feet	STATIC DEPTH TO WATER (feet): 1.01	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.54 gallons
= gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.5'	PURGING INITIATED AT: 0920	PURGING ENDED AT: 0936	TOTAL VOLUME PURGED (gallons): 0.99

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (mS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0928	0.50	0.50	0.06	1.12	6.78	26.24	733	0.38 – 65.3		1.11	None	None
0932	0.25	0.75	0.06	1.12	6.79	26.24	734	0.33 – 70.5		1.07	"	"
0934	0.12	0.87	0.06	1.12	6.79	26.23	734	0.32 – 72.3		0.97	"	"
0936	0.12	0.99	0.06	1.12	6.79	26.22	737	0.31 – 72.5		0.91	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTHAN (AECOM)	SAMPLER(S) SIGNATURE(S): M Parsotan	SAMPLING INITIATED AT: 0937	SAMPLING ENDED AT: 0941
PUMP OR TUBING DEPTH IN WELL (feet): 22.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-120	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-124	SAMPLE ID: MW-124	DATE: 08/19/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 127 feet to 137 feet	STATIC DEPTH TO WATER (feet): 21.39	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.90 gallons
= gallons + (0.0014 gallons/foot X 145 feet) + 0.10 gallons = 0.30 gallons

Initial Tubing Depth in Well: 132'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 132'	PURGING INITIATED AT: 0705	PURGING ENDED AT: 0741	TOTAL VOLUME PURGED (gallons): 1.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0735	1.5	1.5	0.05	23.71	7.39	27.67	601	0.35	221.2	1.10	None	None
0737	0.1	1.6	0.05	23.71	7.39	27.66	600	0.33	222.5	0.91	"	"
0739	0.1	1.7	0.05	23.71	7.39	27.65	601	0.31	220.0	0.71	"	"
0741	0.1	1.8	0.05	23.71	7.39	27.67	603	0.29	225.1	0.54	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0742	SAMPLING ENDED AT: 0745
PUMP OR TUBING DEPTH IN WELL (feet): 132'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-124	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-126	SAMPLE ID: MW-126	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 27 feet to 32 feet	STATIC DEPTH TO WATER (feet): 8.60	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.51 gallons
= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 0.17 gallons

Initial tubing depth in well: 29.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.5'	PURGING INITIATED AT: 1425	PURGING ENDED AT: 1444	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1435	0.5	0.5	0.05	12.21	6.84	28.03	984	1.83	-66.0	19.4	None	None
1440	0.25	0.75	0.05	12.21	6.84	28.10	986	1.50	-65.4	16.7	"	"
1442	0.1	0.85	0.05	12.21	6.83	28.12	987	1.45	-65.5	12.4	"	"
1444	0.1	0.95	0.05	12.21	6.84	28.11	989	1.40	-65.9	10.6	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN DARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M Dansotan	SAMPLING INITIATED AT: 1445	SAMPLING ENDED AT: 1448
PUMP OR TUBING DEPTH IN WELL (feet): 29.5'	TUBING MATERIAL CODE: HDPE 29.5'	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-126	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW127	SAMPLE ID: MW127	DATE: 08/26/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 39.43	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.41 x3 = 1.23 gallons
= [redacted] gallons + (0.0026 gallons/foot X 120 feet) + 0.10 gallons = .41 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 105.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105.0	PURGING INITIATED AT: 0702	PURGING ENDED AT: 0758	TOTAL VOLUME PURGED (gallons): 5.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0715	1.30	1.30	0.10	40.26	7.12	26.3	745	0.28	-202.5	89.6	none	organic
0728	1.30	2.60	0.10	40.26	7.21	26.4	746	0.26	-209.4	60.3		
0741	1.30	3.90	0.10	40.26	7.22	26.4	748	0.25	-210.1	33.6		
0754	1.30	5.20	0.10	40.26	7.22	26.4	745	0.19	-227.1	16.9		
0756	.20	5.40	0.10	40.26	7.22	26.4	745	0.18	-227.4	14.3		
0758	.20	5.60	0.10	40.26	7.21	26.4	745	0.17	-228.0	12.1	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0754	SAMPLING ENDED AT: 0804
PUMP OR TUBING DEPTH IN WELL (feet): 105.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW127	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW128	SAMPLE ID: MW128	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 140 feet to 150 feet	STATIC DEPTH TO WATER (feet): 35.63	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
1.50 x3 = 1.50 gallons
= gallons + (0.0026 gallons/foot X 155 feet) + 0.10 gallons = 1.50 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 145.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 145.0	PURGING INITIATED AT: 1029	PURGING ENDED AT: 1050	TOTAL VOLUME PURGED (gallons): 2.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1044	1.50	1.50	0.10	39.81	9.99	27.2	349	2.17	-49.9	13.6	none	none
1046	.20	1.70	0.10	39.81	9.93	27.3	351	2.12	-46.4	6.6	↑	↓
1048	.20	1.90	0.10	39.81	9.92	27.3	352	2.13	-46.1	5.9		
1050	.20	2.10	0.10	39.81	9.92	27.4	352	2.12	-46.0	4.7	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1051	SAMPLING ENDED AT: 1109
PUMP OR TUBING DEPTH IN WELL (feet): 145.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N replaced)	DUPLICATE: (Y)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
mw128	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS: Blank-43@ 1023 DUP@ 1055 (MS) @ 1059 (MSD) @1104

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-129	SAMPLE ID: MW-129	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 103 feet to 113 feet	STATIC DEPTH TO WATER (feet): 29.93	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 1.20 gallons

= gallons + (0.0026 gallons/foot X 125 feet) + 0.10 gallons = 0.42 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 98'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 98'	PURGING INITIATED AT: 0915	PURGING ENDED AT: 0949	TOTAL VOLUME PURGED (gallons): 3.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0930	1.5	1.5	0.1	30.51	7.34	26.29	619	0.09	-231.8	33.0	None	None
0945	1.5	3.0	0.1	30.51	7.33	26.30	619	0.09	-232.6	22.8	"	"
0947	0.2	3.2	0.1	30.51	7.32	26.31	620	0.08	-233.1	20.7	"	"
0949	0.2	3.4	0.1	30.51	7.32	26.30	621	0.07	-234.8	18.2	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTHAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsoth	SAMPLING INITIATED AT: 0950	SAMPLING ENDED AT: 0954
PUMP OR TUBING DEPTH IN WELL (feet): 98'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-129	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-130	SAMPLE ID: MW-130	DATE: 08/26/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 33.25	PURGE PUMP TYPE OR BAILER: ~~B~~ ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 1.47 gallons
= gallons + (0.0026 gallons/foot X 150 feet) + 0.10 gallons = 0.49 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 105'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105'	PURGING INITIATED AT: 0750	PURGING ENDED AT: 0814	TOTAL VOLUME PURGED (gallons): 2.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0805	1.5	1.5	0.1	34.24	7.42	26.45	728	0.68	-203.3	1.75	None	None
0810	0.5	2.0	0.1	34.24	7.40	26.46	729	0.67	-208.5	1.21	"	"
0812	0.2	2.2	0.1	34.24	7.41	26.47	729	0.65	-208.9	0.79	"	"
0814	0.2	2.4	0.1	34.24	7.42	26.46	730	0.63	-210.9	0.19	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M Parsotan	SAMPLING INITIATED AT: 0815	SAMPLING ENDED AT: 0818
PUMP OR TUBING DEPTH IN WELL (feet): 105'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-130	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-131	SAMPLE ID: MW-131	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 24.32	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.78 gallons
= gallons + (0.0014 gallons/foot X 120 feet) + 0.10 gallons = 0.26 gallons

Initial Tubing Depth in Well 105'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105'	PURGING INITIATED AT: 0945	PURGING ENDED AT: 1022	TOTAL VOLUME PURGED (gallons): 1.12

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1010	0.75	0.75	0.03	24.98	7.23	25.28	656	0.15 –	218.9	2.70	None	None
1018	0.25	1.00	0.03	24.98	7.23	25.29	650	0.13 –	220.1	2.56	"	"
1020	0.06	1.06	0.03	24.98	7.23	25.30	651	0.12 –	224.6	2.25	"	"
1022	0.06	1.12	0.03	24.98	7.23	25.31	652	0.11 –	225.8	2.16	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADHAN PARSOTHAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsothan	SAMPLING INITIATED AT: 1023	SAMPLING ENDED AT: 1025
PUMP OR TUBING DEPTH IN WELL (feet): 105'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-131	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-132	SAMPLE ID: MW-132	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 101 feet to 111 feet	STATIC DEPTH TO WATER (feet): 30.49	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 1.26 gallons
= gallons + (0.0026 gallons/foot X 125 feet) + 0.10 gallons = 0.42 gallons

Initial Tubing pump Depth in Well: 106'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 106'	PURGING INITIATED AT: 1330	PURGING ENDED AT: 1359	TOTAL VOLUME PURGED (gallons): 2-9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1345	1.5	1.5	0.1	31.95	7.22	26.49	608	0.14	-233.4	15.9	None	None
1355	1.0	2.5	0.1	31.95	7.23	26.47	609	0.13	-235.5	10.5	"	"
1357	0.2	2.7	0.1	31.95	7.23	26.45	610	0.12	-236.2	7.5	"	"
1359	0.2	2.9	0.1	31.95	7.24	26.40	611	0.10	-237	6.2	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MAYAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1400 (~~1400~~)	SAMPLING ENDED AT: 1403
PUMP OR TUBING DEPTH IN WELL (feet): 106'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-132	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW133	SAMPLE ID: MW133	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 25.65	PURGE PUMP TYPE OR BAILER: PD

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

0.26 x3 = 0.78 gallons

= gallons + (0.0014 gallons/foot X 115 feet) + 0.10 gallons = .26 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 1050	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105.0	PURGING INITIATED AT: 0850	PURGING ENDED AT: 0912	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0904	0.80	0.80	0.05	27.03	9.54	25.6	316	1.97	-96.1	14.2	none	none
0908	0.10	0.90	0.05	27.03	9.54	25.6	316	1.87	-96.0	6.8	"	"
0910	0.10	1.0	0.05	27.03	9.53	25.4	3.17	1.86	-95.8	6.0	"	"
0912	0.10	1.10	0.05	27.03	9.54	25.6	3.17	1.87	-98.7	5.9	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0913	SAMPLING ENDED AT: 0918
PUMP OR TUBING DEPTH IN WELL (feet): 105.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW133	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW134	SAMPLE ID: MW134	DATE: 08/24/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 103 feet to 113 feet	STATIC DEPTH TO WATER (feet): 35.31	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.52 x3 = 1.56 gallons
= gallons + (0.0026 gallons/foot X 165 feet) + 0.10 gallons = .52 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 108.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 108.0	PURGING INITIATED AT: 1031	PURGING ENDED AT: 1053	TOTAL VOLUME PURGED (gallons): 2.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1047	1.60	1.60	0.40	38.81	8.68	34.1	742	0.83	-129.5	17.9	none	none
1049	.20	1.80	0.10	38.81	8.67	34.1	743	0.83	-129.7	14.5	"	"
1051	.20	2.0	0.10	38.81	8.67	34.2	743	0.81	-129.8	14.3	"	"
1053	.20	2.20	0.10	38.81	8.66	34.2	743	0.79	-129.8	7.9	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECom	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1054	SAMPLING ENDED AT: 1115
PUMP OR TUBING DEPTH IN WELL (feet): 108.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW134	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS: Blank-42@1020; Dup@1059, MS 1105, MSD1110

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-135	SAMPLE ID: MW-135	DATE: 08/ 16 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 103 feet to 113 feet	STATIC DEPTH TO WATER (feet): 24.90	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.81 gallons
= gallons + (0.0014 gallons/foot X 125 feet) + 0.10 gallons = 0.27 gallons

Initial Tubing Depth in well 108'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 108	PURGING INITIATED AT: 1340	PURGING ENDED AT: 1417	TOTAL VOLUME PURGED (gallons): 1.12

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1405	0.75	0.75	0.03	26.18	7.22	26.99	760	0.35	-169.2	21.21	None	None
1413	0.25	1.00	0.03	26.18	7.22	27.03	761	0.33	-171.9	19.62	"	"
1415	0.06	1.06	0.03	26.18	7.22	27.06	759	0.31	-171.7	18.21	"	"
1417	0.06	1.12	0.03	26.18	7.21	27.08	762	0.29	-171.9	18.12	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: M. PANSOTTA (HECOM)	SAMPLER(S) SIGNATURE(S): M. Pansotta	SAMPLING INITIATED AT: 1418	SAMPLING ENDED AT: 1421
PUMP OR TUBING DEPTH IN WELL (feet): 108'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-135	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-141	SAMPLE ID: MW-141	DATE: 08/15/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 0.51	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.72 gallons
= gallons + (0.0014 gallons/foot X 100 feet) + 0.10 gallons = 0.24 gallons

Initial tubing Depth in Well: 17.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5'	PURGING INITIATED AT: 1220	PURGING ENDED AT: 1244	TOTAL VOLUME PURGED (gallons): 1.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1230	0.50	0.50	0.05	0.69	6.63	30.82	525	0.12	-138.1	0.95	None	None
1240	0.50	1.00	0.05	0.69	6.63	30.81	526	0.12	-138.2	0.89	"	"
1242	0.1	1.10	0.05	0.69	6.63	30.80	528	0.11	-138.6	0.75	"	"
1244	0.1	1.20	0.05	0.69	6.63	30.82	527	0.10	-139.4	0.69	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAM (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotam	SAMPLING INITIATED AT: 1245	SAMPLING ENDED AT: 1248
PUMP OR TUBING DEPTH IN WELL (feet): 17.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-141	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-143	SAMPLE ID: MW-143	DATE: 08/15/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 96 feet to 106 feet	STATIC DEPTH TO WATER (feet): 21.86	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.90 gallons

= gallons + (0.0014 gallons/foot X 140 feet) + 0.10 gallons = 0.32 gallons

Initial Tubing Depth in Well: 101'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 101'	PURGING INITIATED AT: 1120	PURGING ENDED AT: 1157	TOTAL VOLUME PURGED (gallons): 1.32

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1145	0.75	0.75	0.03	21.97	7.35	31.72	818	0.17	-247.4	2.09	None	None
1153	0.25	1.00	0.03	21.97	7.35	31.71	816	0.18	-248.2	1.96	"	"
1155	0.06	1.16	0.03	21.97	7.35	31.72	815	0.19	-248.6	1.86	"	"
1157	0.06	1.32	0.03	21.97	7.35	31.74	816	0.18 ~~21.97~~ >24.96		1.75	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MEGAN PARSONS/TAN	SAMPLER(S) SIGNATURE(S): M. Parsons	SAMPLING INITIATED AT: 1158	SAMPLING ENDED AT: 1202
PUMP OR TUBING DEPTH IN WELL (feet): 101'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-143	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-146	SAMPLE ID: MW-146	DATE: 08/15/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 19.5 feet to 24.5 feet	STATIC DEPTH TO WATER (feet): 1.97	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.45 gallons
= gallons + (0.0014 gallons/foot X 40' feet) + 0.10 gallons = 0.15 gallons

Initial tubing Depth in Well: 22'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22'	PURGING INITIATED AT: 1320	PURGING ENDED AT: 1339	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1330	0.5	0.50	0.05	3.32	7.05	28.70	597	0.22	-153.3	0.75	None	None
1335	0.25	0.75	0.05	3.32	7.04	28.71	595	0.21	-152.6	0.61	"	"
1337	0.1	0.85	0.05	3.32	7.04	28.67	594	0.17	-152.7	0.60	"	"
1339	0.1	0.95	0.05	3.32	7.04	28.65	596	0.16	-153.8	0.53	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PAASOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Paasotan	SAMPLING INITIATED AT: 1340	SAMPLING ENDED AT: 1343
PUMP OR TUBING DEPTH IN WELL (feet): 22'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-146	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-148	SAMPLE ID: MW-148	DATE: 08/ 15 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 95.5 feet to 105.5 feet	STATIC DEPTH TO WATER (feet): 23.37	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.81 gallons
= gallons + (0.0014 gallons/foot X 120 feet) + 0.10 gallons = 0.27 gallons

Initial tubing depth in well 100.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 100.5'	PURGING INITIATED AT: 1405	PURGING ENDED AT: 1442	TOTAL VOLUME PURGED (gallons): 1.12

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1430	0.75	0.75	0.03	23.48	7.31	30.32	678	0.09	-219.1	2.09	None	None
1438	0.25	1.00	0.03	23.48	7.31	30.33	679	0.09	-210.4	1.97	"	"
1440	0.06	1.06	0.03	23.48	7.31	30.34	681	0.08	-211.5	1.86	"	"
1442	0.06	1.12	0.03	23.48	7.32	30.36	680	0.07	-207.8	1.75	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1443	SAMPLING ENDED AT: 1446
PUMP OR TUBING DEPTH IN WELL (feet): 100.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-148	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 151	SAMPLE ID: MW 151	DATE: 08/ 10 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 17 feet to 22 feet	STATIC DEPTH TO WATER (feet): 3.24	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.16 x3 = .48 gallons
= gallons + (0.0014 gallons/foot X 45 feet) + 0.10 gallons = .16 gallons

Initial 19.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.5	PURGING INITIATED AT: 0923	PURGING ENDED AT: 0939	TOTAL VOLUME PURGED (gallons): .80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0933	.50	.50	0.05	3.88	5.96	27.5	972.	0.31	-202.9	5.4	none	none
0935	.10	.60	0.05	3.88	5.92	27.5	970	0.29	-203.3	5.7	"	"
0937	.10	.70	0.05	3.88	5.92	27.5	970	0.28	-203.9	3.6	"	"
0939	.10	.80	0.05	3.88	5.91	27.4	970	0.28	-204.3	2.9	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0940	SAMPLING ENDED AT: 0945
PUMP OR TUBING DEPTH IN WELL (feet): 19.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW151	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW152	SAMPLE ID: MW152	DATE: 08/10/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 37.5 feet to 42.5 feet	STATIC DEPTH TO WATER (feet): 10.10	PURGE PUMP TYPE OR BAILER: P

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.18 x3 = .54 gallons
= gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = .18 gallons

Intake 40.2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 40.0	PURGING INITIATED AT: 0958	PURGING ENDED AT: 1014	TOTAL VOLUME PURGED (gallons): .80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1008	.50	.50	0.05	12.71	6.77	27.2	535	0.29	-174.4	1.4	none	none
1010	.10	.60	0.05	12.71	6.77	27.2	535	0.30	-175.2	1.0		
1012	.10	.70	0.05	12.71	6.77	27.2	534	0.29	-175.3	1.4		
1014	.10	.80	0.05	12.71	6.76	27.2	534	0.29	-175.5	0.7		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.Wicsm AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1015	SAMPLING ENDED AT: 1020
PUMP OR TUBING DEPTH IN WELL (feet): 40.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW152	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW155	SAMPLE ID: MW155	DATE: 08/10 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 284 feet to 304 feet	STATIC DEPTH TO WATER (feet): 8.36	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (304 feet – 8.36 feet) X .16 gallons/foot = 47.3 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

x3 = gallons

= gallons + (gallons/foot X feet) + 0.10 gallons = gallons

Initial 10.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 530	PURGING INITIATED AT: 0830	PURGING ENDED AT: 1230	TOTAL VOLUME PURGED (gallons): 72.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1110	48.0	48.0	0.3	51.09	6.93	27.1	695	0.28	-22.8	0.55	none	none
1150	12.0	60.0	0.3	51.09	6.81	27.0	694	0.34	-26.6	0.85	↓	↓
1230	12.0	72.0	0.3	51.09	6.84	27.3	7.01	0.14	-28.9	0.63	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MWICsm	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 12:31	SAMPLING ENDED AT: 12:45
PUMP OR TUBING DEPTH IN WELL (feet): 530	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW155	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS: BLANK-35 collected @ 0818, DUP @ 12:35, MS @ 12:41, & MSD @ 12:38.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 152	SAMPLE ID: MW152	DATE: 08/10 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 4.21	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

.16 x3 = .48 gallons

= gallons + (0.00164 gallons/foot X 45 feet) + 0.10 gallons = .16 gallons

17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING INITIATED AT: 1355	PURGING ENDED AT: 1406	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1400	.50	.50	0.10	4.36	6.19	29.3	312	0.62	-98.1	11.7	Yellow	none
1402	.20	.70	0.10	4.36	6.20	29.4	314	0.61	-98.2	9.6		
1404	.20	.90	0.10	4.36	6.20	29.4	314	0.60	-98.0	8.5		
1406	.20	1.10	0.10	4.36	6.21	29.4	315	0.58	-98.1	7.0		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1407	SAMPLING ENDED AT: 1410
PUMP OR TUBING DEPTH IN WELL (feet): 17.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW152	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW158	SAMPLE ID: MW158	DATE: 08/10/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 21.78	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

.28 x3 = .84 gallons

= gallons + (0.0014 gallons/foot X 130 feet) + 0.10 gallons = .28 gallons

Initial 1050	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 1050	PURGING INITIATED AT: 1505	PURGING ENDED AT: 1514	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1510	.30	.50	0.10	22.51	6.84	27.3	1214	0.25	-239.9	2.8	none	organic
1512	.20	.70	0.10	22.51	6.83	27.3	1216	0.25	-240.0	2.0		
1514	.20	.90	0.10	22.51	6.83	27.3	1216	0.25	-240.1	1.0		
1514	.20	1.10	0.10	22.51	6.82	27.3	1215	0.24	-239.8	2.5		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J.WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1517	SAMPLING ENDED AT: 1521
PUMP OR TUBING DEPTH IN WELL (feet): 105.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW158	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-160	SAMPLE ID: MW-160	DATE: 08/10/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 280 feet to 300 feet	STATIC DEPTH TO WATER (feet): 7.58	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (300 feet − 7.58 feet) X .16 gallons/foot = 46.7 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = gallons

= gallons + (gallons/foot X feet) + 0.10 gallons = gallons

INTL 9:50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 370	PURGING INITIATED AT: 1340	PURGING ENDED AT: 1452	TOTAL VOLUME PURGED (gallons): 72.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1428	480	48.0	1.0	35.43	7.02	26.24	783	0.45	-240.3	11.7	none	none
1440	120	60.0	1.0	3543	7.09	26.80	779	0.41	-241.7	9.6	↓	↓
1452	12.0	72.0	1.0	3593	7.10	26.18	780	0.24	-243.4	1.9	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1453	SAMPLING ENDED AT: 1459
PUMP OR TUBING DEPTH IN WELL (feet): 370	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW160	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-162	SAMPLE ID: MW-162	DATE: 08/22/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 11 feet to 16 feet	STATIC DEPTH TO WATER (feet): 0.45	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.72 gallons

= gallons + (0.0014 gallons/foot X 100' feet) + 0.10 gallons = 0.24 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5'	PURGING INITIATED AT: 1045	PURGING ENDED AT: 1109	TOTAL VOLUME PURGED (gallons): 1.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1100	0.75	0.75	0.05	0.82	6.36	26.90	1044	0.32	-60.2	5.91	None	None
1105	0.25	1.00	0.05	0.82	6.36	26.91	1045	0.29	-60.7	5.21	"	"
1107	0.1	1.10	0.05	0.82	6.36	26.91	1047	0.30	-60.8	4.98	"	"
1109	0.1	1.20	0.05	0.82	6.37	26.92	1046	0.31	-60.9	4.25	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1110	SAMPLING ENDED AT: 1113
PUMP OR TUBING DEPTH IN WELL (feet): 13.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-162	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-164	SAMPLE ID: MW-164	DATE: 08/22/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 92 feet to 102 feet	STATIC DEPTH TO WATER (feet): 16.95	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 0.18 gallons

= gallons + (0.00104 gallons/foot X 120 feet) + 0.10 gallons = 0.26 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 97'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 97'	PURGING INITIATED AT: 1130	PURGING ENDED AT: 1159	TOTAL VOLUME PURGED (gallons): 1.45

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1150	1.0	1.0	0.05	17.46	7.31	27.94	723	0.30	-229.1	4.71	None	None
1155	0.25	1.25	0.05	17.46	7.31	27.95	724	0.28	-227.0	4.28	"	"
1157	0.1	1.35	0.05	17.46	7.30	27.96	725	0.27	-226.9	4.10	"	"
1159	0.1	1.45	0.05	17.46	7.31	27.97	726	0.26	-226.7	3.97	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1200	SAMPLING ENDED AT: 1203
PUMP OR TUBING DEPTH IN WELL (feet): 97'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-164	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-168	SAMPLE ID: MW-168	DATE: 08/18/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 42 feet to 47 feet	STATIC DEPTH TO WATER (feet): 6.69	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.54 gallons
= gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

Initial Tubing Depth in Well: 44.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 44.5'	PURGING INITIATED AT: 1237	PURGING ENDED AT: 1256	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1247	0.5	0.5	0.05	7.01	6.80	31.60	381	1.90	10.9	13.6	None	None
1252	0.25	0.75	0.05	7.01	6.80	31.01	360	1.82	11.0	12.2	u	u
1254	0.1	0.85	0.05	7.01	6.80	31.00	358	1.80	11.7	11.6	u	u
1256	0.1	0.95	0.05	7.01	6.81	31.00	356	1.75	11.9	10.9	u	u

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1257	SAMPLING ENDED AT: 1300
PUMP OR TUBING DEPTH IN WELL (feet): 44.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-168	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-~~169~~ 169	SAMPLE ID: MW-~~124~~ 169	DATE: 08/ 19 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: ~~106~~ 116 feet to ~~151~~ 151 feet	STATIC DEPTH TO WATER (feet): 15.86	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.90 gallons
= gallons + (0.004 gallons/foot X 145 feet) + 0.10 gallons = 6.30 gallons

Initial Tubing Depth in Well ~~132~~ 111'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~~132~~ 111'	PURGING INITIATED AT: 0627	PURGING ENDED AT: 0653	TOTAL VOLUME PURGED (gallons): 1.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0647	1.0	1.0	0.05	16.78	11.34	31.91	1534	0.51	-162.3	9.07	None	None
0649	0.1	1.1	0.05	16.78	11.35	31.98	1548	0.47	-172.5	8.91	u	u
0651	0.1	1.2	0.05	16.78	11.35	31.99	1560	0.46	-177.2	8.75	u	u
0653	0.1	1.3	0.05	16.78	11.36	32.10	15.59	0.42	-173.6	8.29	u	u

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0654	SAMPLING ENDED AT: 0657
PUMP OR TUBING DEPTH IN WELL (feet): ~~132~~ 111'	TUBING MATERIAL CODE: **HDPE**	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-169	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 175	SAMPLE ID: MW 175	DATE: 08/12/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 98.3 feet to 108.3 feet	STATIC DEPTH TO WATER (feet): 16.31	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.26 x3 = 0.78 gallons
= gallons + (0.0014 gallons/foot X 120 feet) + 0.10 gallons = .26 gallons

Initial 108.3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 108.3	PURGING INITIATED AT: 0732	PURGING ENDED AT: 0757	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0751	.80	.80	0.05	17.84	7.21	25.1	868	1.71	-234.5	11.7	none	organic
0753	.10	.90	0.05	17.84	7.22	25.1	868	1.72	-235.7	6.0		
0755	.10	1.00	0.05	17.84	7.23	25.1	868	1.71	-236.1	3.9		
0757	.10	1.10	0.05	17.84	7.23	25.1	868	1.71	-236.0	2.5		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilcsm Accom	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0758	SAMPLING ENDED AT 0803
PUMP OR TUBING DEPTH IN WELL (feet): 108.3	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW175	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW17S	SAMPLE ID: MW17S	DATE: 08/12/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 150 feet to 160 feet	STATIC DEPTH TO WATER (feet): 19.71	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

0.34 x3 = 1.03 gallons

= gallons + (0.0014 gallons/foot X 170 feet) + 0.10 gallons = 0.34 gallons

Total 155	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 155	PURGING INITIATED AT: 0815	PURGING ENDED AT: 0841	TOTAL VOLUME PURGED (gallons): 1.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0835	1.0	1.0	0.05	22.10	7.38	25.3	641	1.01	-167.7	8.2	none	none
0837	0.10	1.10	0.05	22.10	7.38	25.4	640	0.99	-167.5	8.9		
0839	0.10	1.20	0.05	22.10	7.37	25.4	640	0.98	-167.5	8.5		
0841	0.10	1.30	0.05	22.10	7.38	25.4	640	0.98	-167.4	9.0	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0842	SAMPLING ENDED AT: 0847
PUMP OR TUBING DEPTH IN WELL (feet): 155	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW17S	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW178	SAMPLE ID: MW178	DATE: 08/18/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 31.5 feet to 36.5 feet	STATIC DEPTH TO WATER (feet): 11.32	PURGE PUMP TYPE OR BAILER: PD

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

.15 x3 = .45 gallons

= gallons + (0.0014 gallons/foot X 42 feet) + 0.10 gallons = .15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.0	PURGING INITIATED AT: 0820	PURGING ENDED AT: 0834	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0828	40	40	0.05	13.74	7.0	26.3	872	0.57	-222.0	5.0	none	organic
0830	.10	0.50	0.05	13.74	7.0	26.3	875	0.54	-222.2	2.1		
0832	.10	0.60	0.05	13.74	7.0	26.3	875	0.54	-222.5	1.2		
0834	.10	0.70	0.05	13.74	6.99	26.3	876	0.53	-222.4	0.91		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0835	SAMPLING ENDED AT: 0840
PUMP OR TUBING DEPTH IN WELL (feet): 34.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW178	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW185R	SAMPLE ID: MW185R	DATE: 08/15/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 18.88	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

0.25 x3 = .75 gallons

= gallons + (0.00014 gallons/foot X 110 feet) + 0.10 gallons = 0.25 gallons

Intrid 95.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95.0	PURGING INITIATED AT: 1500	PURGING ENDED AT: 1521	TOTAL VOLUME PURGED (gallons): 1.05

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1515	.75	.75	0.05	19.27	11.01	27.2	1945	0.28	-152	20.1	none	none
1517	.10	.85	0.05	19.27	10.97	27.9	1813	0.20	-143	19.9		
1519	.10	.95	0.05	19.27	10.92	27.8	1811	0.31	-140.3	18.1		
1521	.10	1.05	0.05	19.27	10.94	27.9	1812	0.28	-140.1	20.7	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1522	SAMPLING ENDED AT: 1533
PUMP OR TUBING DEPTH IN WELL (feet): 95.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW185R	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-200	SAMPLE ID: MW-200	DATE: 08/12/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 12.55	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.75 gallons
= gallons + (0.0014 gallons/foot X 10 feet) + 0.10 gallons = 0.25 gallons

Initial Tubing Depth in Well: 95'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95'	PURGING INITIATED AT: 0905	PURGING ENDED AT: 0929	TOTAL VOLUME PURGED (gallons): 1.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0920	0.75	0.75	0.05	12.70	7.36	25.65	928	0.27	-204.6	3.41	None	None
0925	0.25	1.00	0.05	12.70	7.36	25.65	927	0.25	-209.7	2.25	"	"
0927	0.1	1.10	0.05	12.70	7.36	25.64	926	0.23	-210.6	1.00	"	"
0929	0.1	1.20	0.05	12.70	7.35	25.63	929	0.22	-211.8	0.96	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0930	SAMPLING ENDED AT: 0934
PUMP OR TUBING DEPTH IN WELL (feet): 95'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-200	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 215	SAMPLE ID: MW215	DATE: 08/15/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 25.51	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.25 x3 = .75 gallons
= gallons + (.0014 gallons/foot X 107 feet) + 0.10 gallons = .25 gallons

Initial 95.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95.0	PURGING INITIATED AT: 1101	PURGING ENDED AT: 1207	TOTAL VOLUME PURGED (gallons): 2.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1117	.80	.80	0.65	26.07	8.91	26.3	621	0.95	-202.7	96.1	none	organic
1133	.80	1.80	0.05	26.07	8.93	26.2	624	0.91	-219.7	29.2		
1149	.80	2.40	0.05	26.07	8.64	26.0	640	0.77	-220.2	18.3		
1151	.10	2.50	0.05	26.07	8.63	26.1	640	0.74	-220.7	17.5		
1207	.10	2.60	0.05	26.07	8.63	26.1	641	0.70	-221.0	18.6		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1208	SAMPLING ENDED AT: 1213
PUMP OR TUBING DEPTH IN WELL (feet): 95.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW 215	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-219	SAMPLE ID: MW-219	DATE: 08/18/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22 feet to 27 feet	STATIC DEPTH TO WATER (feet): 3.08	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.45 gallons
= gallons + (0.0014 gallons/foot X 40 feet) + 0.10 gallons = 0.15 gallons

Initial tubing Depth in Well: 24.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.5'	PURGING INITIATED AT: 1210	PURGING ENDED AT: 1226	TOTAL VOLUME PURGED (gallons): 0.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1220	0.5	0.5	0.05	3.28	6.29	27.61	859	0.16	-96.8	3.78	None	None
1222	0.1	0.6	0.05	3.28	6.29	27.62	859	0.16	-96.7	3.61	"	"
1224	0.1	0.7	0.05	3.28	6.29	27.63	858	0.15	-96.9	3.97	"	"
1226	0.1	0.8	0.05	3.28	6.29	27.64	859	0.14	-97.2	2.15	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MAJAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1227	SAMPLING ENDED AT: 1230
PUMP OR TUBING DEPTH IN WELL (feet): 24.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-219	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-220	SAMPLE ID: MW-220	DATE: 08/18/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 39 feet to 44 feet	STATIC DEPTH TO WATER (feet): 3.76	PURGE PUMP TYPE OR BAILER: FP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.54 gallons
= gallons + (0.0014 gallons/foot X 60 feet) + 0.10 gallons = 0.18 gallons

Initial tubing Depth in Well: 41.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 41.5'	PURGING INITIATED AT: 1110	PURGING ENDED AT: 1129	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1120	0.50	0.5	0.05	6.78	7.26	27.63	584	0.36	140.7	3.74	None	None
1125	0.25	0.75	0.05	6.78	7.26	27.64	590	0.34	142.6	3.61	"	"
1127	0.1	0.85	0.05	6.78	7.26	27.65	591	0.33	143.2	3.50	"	"
1129	0.1	0.95	0.05	6.78	7.26	27.67	593	0.31	145.7	3.21	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MAHAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1130	SAMPLING ENDED AT: 1133
PUMP OR TUBING DEPTH IN WELL (feet): 41.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-220	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-22R	SAMPLE ID: MW-22R	DATE: 08/18/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 97 feet to 107 feet	STATIC DEPTH TO WATER (feet): 10.28	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.81 gallons
= gallons + (0.0014 gallons/foot X 125 feet) + 0.10 gallons = 0.27 gallons

Initial tubing depth in well: 99'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 99'	PURGING INITIATED AT: 1030	PURGING ENDED AT: 1049	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1040	0.5	0.5	0.05	11.75	7.24	26.99	1290	0.12	229.7	1.80	None	None
1045	0.25	0.75	0.05	11.75	7.24	27.01	1292	0.12	229.2	1.62	"	"
1047	0.1	0.85	0.05	11.75	7.24	27.03	1293	0.11	230.6	1.51	"	"
1049	0.1	0.95	0.05	11.75	7.23	27.05	1295	0.10	231.7	1.32	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1050	SAMPLING ENDED AT: 1053
PUMP OR TUBING DEPTH IN WELL (feet): 99'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-22R	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-230	SAMPLE ID: MW-230	DATE: 08/12/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 31 feet to 36 feet	STATIC DEPTH TO WATER (feet): 5.48	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.5/ gallons
= gallons + (0.0014 gallons/foot X 50 feet) + 0.10 gallons = 6.17 gallons

Initial Tubing Depth in Well: 33.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33.5'	PURGING INITIATED AT: 0820	PURGING ENDED AT: 0839	TOTAL VOLUME PURGED (gallons): 0.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0830	0.50	0.50	0.05	9.37	7.15	26.81	589	0.52	199.1	2.61	None	None
0835	0.25	0.75	0.05	9.37	7.14	26.85	590	0.49	184.8	2.25	"	"
0837	0.1	0.85	0.05	9.37	7.14	26.84	597	0.41	172.4	2.16	"	"
0839	0.1	0.95	0.05	9.37	7.14	26.85	600	0.30	163.1	1.97	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MAHAN BARSOTIAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Barsotian	SAMPLING INITIATED AT: 0840	SAMPLING ENDED AT: 0847
PUMP OR TUBING DEPTH IN WELL (feet): 33.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-230	4	CG	40mL	HCl	--------	-------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-231	SAMPLE ID: MW-231	DATE: 08/12/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 97 feet to 107 feet	STATIC DEPTH TO WATER (feet): 18.68	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.78 gallons
= gallons + (0.0014 gallons/foot X 115 feet) + 0.10 gallons = 0.26 gallons

Initial Tubing Depth in well: 102'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 102'	PURGING INITIATED AT: 0740	PURGING ENDED AT: 0804	TOTAL VOLUME PURGED (gallons): 1.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0755	0.75	0.75	0.05	19.00	7.28	28.82	721	0.81 -	228.9	16.1	None	None
0800	0.25	1.00	0.05	19.00	7.28	28.82	720	0.70 -	229.6	15.7	"	"
0802	0.1	1.10	0.05	19.00	7.28	28.81	721	0.67 -	230.1	14.2	"	"
0804	0.1	1.20	0.05	19.00	7.28	28.80	721	0.65 -	231.4	13.4	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 0805	SAMPLING ENDED AT: 0809
PUMP OR TUBING DEPTH IN WELL (feet): 102'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-231	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW232	SAMPLE ID: MW232	DATE: 08/18/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 78 feet to 108 feet	STATIC DEPTH TO WATER (feet): 27.36	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
1.26 x3 = 0.78 gallons
= gallons + (0.0014 gallons/foot X 115 feet) + 0.10 gallons = 1.26 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 103.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 103.0	PURGING INITIATED AT: 1324	PURGING ENDED AT: 1342	TOTAL VOLUME PURGED (gallons): 1.90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1336	0.60	0.60	0.05	28.11	6.56	27.6	650	0.31	-125.4	19.1	none	none
1338	0.10	0.70	0.05	28.11	6.57	27.5	647	0.28	-125.7	15.9	↓	↓
1340	0.10	0.80	0.05	28.11	6.56	27.5	648	0.27	-126.0	14.3		
1342	0.10	0.90	0.05	28.11	6.55	27.4	647	0.28	-126.1	15.6		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson / AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1343	SAMPLING ENDED AT: 1345
PUMP OR TUBING DEPTH IN WELL (feet): 103.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW232	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW233	SAMPLE ID: MW233	DATE: 08/22/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 26.01	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0014 gallons/foot X 105 feet) + 0.10 gallons = .147 gallons ·24 x3 = .72 gallons

Initial 95.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95.0	PURGING INITIATED AT: 1230	PURGING ENDED AT: 1251	TOTAL VOLUME PURGED (gallons): 1.05

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1245	.75	.75	0.05	30.35	7.08	28.7	613	.20	-61.5	8.02	none	none
1247	.10	.85	0.09	30.35	7.07	28.7	613	.22	-61.7	6.16		
1249	.10	.95	0.05	30.35	7.06	28.7	612	.21	-61.4	6.3		
1251	.10	1.05	0.05	30.35	7.07	28.7	612	.21	-61.5	6.1	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1252	SAMPLING ENDED AT: 1255
PUMP OR TUBING DEPTH IN WELL (feet): 95.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW233	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 239	SAMPLE ID: MW 239	DATE: 08/17/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 98 feet to 108 feet	STATIC DEPTH TO WATER (feet): 25.71	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
: 25 x3 = .75 gallons
= gallons + (0.0014 gallons/foot X 110 feet) + 0.10 gallons = .25 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 103.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 103.0	PURGING INITIATED AT: 1100	PURGING ENDED AT: 1122	TOTAL VOLUME PURGED (gallons): 1.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1116	.80	.80	0.05	26.83	6.88	26.1	665	0.41	-246.7	3.90	clear	organic
1118	.10	0.90	0.05	26.83	6.87	26.1	665	0.41	-246.9	2.3	↓	↓
1120	.10	1.00	0.05	26.83	6.87	26.1	665	0.40	-247.0	2.1		
1122	.10	1.10	0.05	26.83	6.86	26.1	665	0.40	-247.0	1.9	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1123	SAMPLING ENDED AT: 1128
PUMP OR TUBING DEPTH IN WELL (feet): 103.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW 239	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW242	SAMPLE ID: MW242	DATE: 08/19/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 20 feet to 25 feet	STATIC DEPTH TO WATER (feet): 1.58	PURGE PUMP TYPE OR BAILER: PD

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= gallons + (0.0014 gallons/foot X 30 feet) + 0.10 gallons = .14 x3 = .42 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.5	PURGING INITIATED AT: 0720	PURGING ENDED AT: 0734	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0728	.40	.40	0.05	2.38	7.76	26.5	546	0.90	-63.7	6.08	none	none
0730	0.10	.50	0.05	2.38	7.74	26.5	544	0.78	-63.7	5.19	↓	↓
0732	.10	.60	0.05	2.38	7.73	26.5	545	0.71	-63.8	4.20		
0734	.10	.70	0.05	2.38	7.73	26.5	544	0.68	-63.8	5.71	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0735	SAMPLING ENDED AT: 0740
PUMP OR TUBING DEPTH IN WELL (feet): 22.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW242	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW243	SAMPLE ID: MW243	DATE: 08/19/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 33 feet to 38 feet	STATIC DEPTH TO WATER (feet): 11.78	PURGE PUMP TYPE OR BAILER: B

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (0.0014 gallons/foot X 45 feet) + 0.10 gallons = .16 x3 = 1.48 gallons 1.6 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35.5	PURGING INITIATED AT: 0650	PURGING ENDED AT: 0704	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0658	.40	.40	0.05	14.59	12.30	24	2941	1.08	162.9	91	turb	none
0700	.10	050	0.05	14.59	12.30	25.4	2944	1.06	163.1	10.7		
0702	.10	0.60	0.06	14.59	12.30	25.5	2944	1.06	163.5	9.3		
0704	.10	0.70	0.06	14.59	12.31	25.5	2946	1.06	163.6	7.6	✓	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0705	SAMPLING ENDED AT: 0710
PUMP OR TUBING DEPTH IN WELL (feet): 35.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW243	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-248	SAMPLE ID: MW-248	DATE: 08/ 10 /16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 103 feet to 113 feet	STATIC DEPTH TO WATER (feet): 26.40	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
x3 = 0.81 gallons
= gallons + (0.0014 gallons/foot X 120 feet) + 0.10 gallons = 0.27 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 108'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 108'	PURGING INITIATED AT: 0900	PURGING ENDED AT: 0924	TOTAL VOLUME PURGED (gallons): 1.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0910	0.5	0.50	0.05	26.82	8.60	25.30	527	0.28	-222.0	17.2	None	None
0920	0.5	1.00	0.05	26.82	8.59	25.30	530	0.27	-224.9	16.7	"	"
0922	0.1	1.10	0.05	26.82	8.57	25.31	531	0.28	-225.2	16.2	"	"
0924	0.1	1.20	0.05	26.82	8.57	25.30	531	0.26	-225.6	15.7	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M.Parsot	SAMPLING INITIATED AT: 0925	SAMPLING ENDED AT: 0929
PUMP OR TUBING DEPTH IN WELL (feet): 108'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-248	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 249	SAMPLE ID: MW 249	DATE: 08/15 /16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 88 feet to 98 feet	STATIC DEPTH TO WATER (feet): 20.72	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.25 x3 = .75 gallons
= gallons + (0.0014 gallons/foot X 108 feet) + 0.10 gallons = .25 gallons

Initial 930	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 930	PURGING INITIATED AT: 1240	PURGING ENDED AT: 1301	TOTAL VOLUME PURGED (gallons): 1.05

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1255	.75	.75	0.05	21.36	7.04	26.9	846	0.50	-220.5	13.1	none	poop
1257	.10	.85	0.05	21.36	7.02	27.0	846	0.50	-220.0	13.2	↓	↓
1259	.10	.95	0.05	21.36	7.01	27.0	848	0.52	-219.8	11.8		
1301	.10	1.05	0.05	21.36	7.01	27.1	848	0.52	-220.1	10.1	↓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1302	SAMPLING ENDED AT: 1307
PUMP OR TUBING DEPTH IN WELL (feet): 930	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW249	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW25D	SAMPLE ID: MW25D	DATE: 08/15/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 23.63	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
0.25 x3 = .75 gallons
= gallons + (0.0014 gallons/foot X 107 feet) + 0.10 gallons = .25 gallons

Initial 95.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95.0	PURGING INITIATED AT: 1412	PURGING ENDED AT: 1433	TOTAL VOLUME PURGED (gallons): 1.05

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1427	.75	.75	0.05	24.06	7.33	26.9	718	0.35	-174.9	16.0	none	organic
1429	.10	.85	0.05	24.06	7.30	26.8	716	0.36	-177.0	8.8	↓	↓
1431	.10	.95	0.05	24.06	7.31	26.7	716	0.36	-177.2	7.2		
1433	.10	1.05	0.05	24.06	7.31	26.8	715	0.36	-177.5	6.9		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1434	SAMPLING ENDED AT: 1440
PUMP OR TUBING DEPTH IN WELL (feet): 95.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW25D	4	CG	40mL	HCl	----------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-252	SAMPLE ID: MW-252	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet): 27.70	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

x3 = 1.53 gallons

= gallons + (0.0026 gallons/foot X 160' feet) + 0.10 gallons = 0.51 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 150'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 150'	PURGING INITIATED AT: 1040	PURGING ENDED AT: 1114	TOTAL VOLUME PURGED (gallons): 3.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1100	2.0	2.0	0.1	29.75	7.46	27.26	588	0.27	-240.9	26.32	None	None
1110	1.0	3.0	0.1	29.75	7.45	27.29	589	0.25	-245.1	20.61	"	"
1112	0.2	3.2	0.1	29.75	7.45	27.26	596	8.34	-245.6	19.28	"	"
1114	0.2	3.4	0.1	29.75	7.44	27.25	591	0.20	-250.2	18.61	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTHAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsothan	SAMPLING INITIATED AT: 1115	SAMPLING ENDED AT: 1118
PUMP OR TUBING DEPTH IN WELL (feet): 150'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-252	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	~~APP~~ ESP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW-253	SAMPLE ID: MW-253	DATE: 08/ 23/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 34.67	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + ~~0.0014~~ 0.0026 gallons/foot X 155 feet) + 0.10 gallons = .50 gallons
.50 x3 = 1.50 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 105	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105	PURGING INITIATED AT: 0845	PURGING ENDED AT: 0959	TOTAL VOLUME PURGED (gallons): 7.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0930	1.50	1.50	0.10	35.71	7.45	27.0	649	0.99	-232.4	30.4	LT Grey	Organic
0855	1.50	3.0	0.10	35.71	7.24	27.5	661	0.35	-283.9	53.7	None	"
0920	1.50	4.50	0.10	35.71	7.22	29.1	689	0.33	-265.7	37.0	"	"
0945	1.50	6.00	0.10	35.71	7.06	28.9	684	0.27	-294.9	27.2	"	"
0955	1.0	7.0	0.10	35.71	7.04	28.4	691	0.29	-292.3	15.6	"	"
0957	0.10	7.10	0.10	35.71	7.03	28.4	692	0.27	-292.4	13.5	"	"
0959	0.10	7.20	0.10	35.71	7.02	28.4	692	0.28	-292.8	12.8	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. WILSON AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1000	SAMPLING ENDED AT: 1025
PUMP OR TUBING DEPTH IN WELL (feet): 105	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-253	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	ESP	200
	3	CG	40mL	NONE	—	—	RSK 175 (CO_2)	↓	↓
	3	CG	40mL	HCl	—	—	RSK 175 (MEE)		
	3	AG	40mL	H_2SO_4	—	—	SM 5310 (TOC)		
	1	PE	250mL	NONE	—	—	2320B (Alkalinity)		
	1	PE	250mL	HNO_3	—	—	6010B (Fe)		
REMARKS:	1	PE	1L	NONE	—	—	DHC DNA...		

Fe^{2+} = 0.0 mg/L

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: **LMC Tallevast Site**

SITE LOCATION: **1600 Tallevast Road, Sarasota, FL 34243**

WELL NO: MW254

SAMPLE ID: MW254

DATE: 08/29/16

PURGING DATA

WELL DIAMETER (inches): 2"

TUBING DIAMETER (inches): .25

WELL SCREEN INTERVAL DEPTH: 24 feet to 29 feet

STATIC DEPTH TO WATER (feet): 13.01

PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= [illegible] gallons + (0.0014 gallons/foot X 35 feet) + 0.10 gallons = .149 gallons

.15 x3 = .45 gallons

Field 26.5

FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5

PURGING INITIATED AT: 1403

PURGING ENDED AT: 1417

TOTAL VOLUME PURGED (gallons): .70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1411	.40	.40	0.05	14.17	5.38	29.6	268	.51	-7.1	4.4	none	none
1413	.10	.50	0.05	14.17	5.38	29.7	265	.49	-6.8	3.1		
1415	.10	.60	0.05	14.17	5.36	29.7	268	.45	-6.5	1.6		
1417	.10	.70	0.05	14.17	5.36	29.7	269	.44	-6.7	4.9		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM

SAMPLER(S) SIGNATURE(S):

SAMPLING INITIATED AT: 1418

SAMPLING ENDED AT: 1423

PUMP OR TUBING DEPTH IN WELL (feet): 26.5

TUBING MATERIAL CODE: HDPE

FIELD-FILTERED: Y (N) Filtration Equipment Type:

FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced))

DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION / SAMPLE PRESERVATION

SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW254	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: MW 255	SAMPLE ID: MW255	DATE: 08/15/16

PURGING DATA

WELL DIAMETER (inches): 2.0"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 19.41	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
0.75 x3 = .75 gallons
= gallons + (0.0014 gallons/foot X 110 feet) + 0.10 gallons = 0.25 gallons

Fractal 95.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95.0	PURGING INITIATED AT: 1328	PURGING ENDED AT: 1349	TOTAL VOLUME PURGED (gallons): 1.05

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1343	.75	.75	0.05	19.49	6.78	25.2	846	0.38	-178.9	42.9	none	none
1345	.10	.85	0.05	19.49	6.75	25.2	846	0.39	-179.0	42.1	↓	↓
1347	.10	.95	0.05	19.49	6.75	25.2	846	0.39	-179.0	42.8		
1349	.10	1.05	0.05	19.49	6.74	25.2	8.46	0.38	-178.8	42.2	✓	↓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: G. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1350	SAMPLING ENDED AT: 1355
PUMP OR TUBING DEPTH IN WELL (feet): 95.0	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW255	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS: High But Stable ~~DO~~ TURBIDITY

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: PZ-LSAS-1	SAMPLE ID: PZ-LSAS-1	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 18.98	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

x3 = 0.72 gallons

= gallons + (0.0014 gallons/foot X 100 feet) + 0.10 gallons = 0.24 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5'	PURGING INITIATED AT: 1255	PURGING ENDED AT: 1319	TOTAL VOLUME PURGED (gallons): 1.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1310	0.75	0.75	0.05	19.95	6.45	36.64	857	0.15 –	108.8	11.24	None	None
1315	0.25	1.00	0.05	19.95	6.45	36.65	860	0.14 –	109.4	10.21	"	"
1317	0.1	1.10	0.05	19.95	6.46	36.66	861	0.14 –	109.7	9.60	"	"
1319	0.1	1.20	0.05	19.95	6.46	36.67	862	0.13 –	110.2	6.83	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1320	SAMPLING ENDED AT: 1323
PUMP OR TUBING DEPTH IN WELL (feet): 32.5'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
PZ-LSAS-1	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: PZ-LSAS-2	SAMPLE ID: PZ-LSAS-2	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 27.47 feet to 32.67 feet	STATIC DEPTH TO WATER (feet): 18.78	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0014 gallons/foot X 40 feet) + 0.10 gallons x3 = 0.45 gallons = 0.15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.17'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.17'	PURGING INITIATED AT: 1210	PURGING ENDED AT: 1234	TOTAL VOLUME PURGED (gallons): 1.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1225	0.75	0.75	0.05	19.78	6.53	29.56	838	0.51	-95.1	11.42	None	None
1230	0.25	1.00	0.05	19.78	6.53	29.57	839	0.49	-95.2	10.61	"	"
1232	0.1	1.10	0.05	19.78	6.54	29.58	840	0.47	-95.7	9.72	"	"
1234	0.1	1.20	0.05	19.78	6.54	29.60	841	0.48	-96.1	8.61	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MADAN PARSOTAN (AECOM)	SAMPLER(S) SIGNATURE(S): M. Parsotan	SAMPLING INITIATED AT: 1235	SAMPLING ENDED AT: 1239
PUMP OR TUBING DEPTH IN WELL (feet): 30.17'	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
~~MW~~ PZ-LSAS-2	4	CG	40mL	HCl	----------	---------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: PZ-LSAS-4	SAMPLE ID: PZ-LSAS-4	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 18.61	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.15 x3 = .45 gallons
= gallons + (0.0014 gallons/foot X 39 feet) + 0.10 gallons = .15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	PURGING INITIATED AT: 1430	PURGING ENDED AT: 1444	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1438	.40	.40	0.05	20.09	4.96	29.8	744	0.15	16.1	16.9	none	none
1440	.10	0.50	0.05	20.09	4.90	30.0	746	0.14	16.2	15.5	↓	↓
1442	.10	0.60	0.05	20.09	4.91	30.0	746	0.14	16.2	12.7		
1444	.10	0.70	0.05	20.09	4.90	29.9	747	0.14	16.0	10.9		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1445	SAMPLING ENDED AT: 1450
PUMP OR TUBING DEPTH IN WELL (feet): 32.5	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
PZ-LSAS-4	4	CG	40mL	HCl	---	---	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: PZ-LSAS-5	SAMPLE ID: PZ-LSAS-5	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 28.3 feet to 33.3 feet	STATIC DEPTH TO WATER (feet): 18.0	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.15 x3 = .45 gallons
= gallons + (0.0014 gallons/foot X 36 feet) + 0.10 gallons = .15 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.8	PURGING INITIATED AT: 1335	PURGING ENDED AT: 1349	TOTAL VOLUME PURGED (gallons): ~0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1343	.40	.40	0.05	19.88	4.40	30.1	591	0.64	24.0	16.6	none	none
1345	.10	.50	0.05	19.88	4.38	30.2	591	0.64	24.1	15.3	"	"
1347	.10	.60	0.05	19.88	4.38	30.2	550	0.65	23.9	13.7	"	"
1349	.10	.70	0.05	19.88	4.39	30.2	594	0.64	23.9	14.0	"	"

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1340	SAMPLING ENDED AT: 1345
PUMP OR TUBING DEPTH IN WELL (feet): 30.8	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N) (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
PZ-LSAS-5	4	CG	40mL	HCl	--------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: PZLSAS-6	SAMPLE ID: PZLSAS-6	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 26.4 feet to 31.4 feet	STATIC DEPTH TO WATER (feet): 23.07	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.114 x3 = 0.42 gallons
= gallons + (0.0014 gallons/foot X 35 feet) + 0.10 gallons = .14 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.9	PURGING INITIATED AT: 1245	PURGING ENDED AT: 1259	TOTAL VOLUME PURGED (gallons): 0.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1253	0.40	0.46	0.05	24.21	5.69	29.4	1041	0.20	-55.3	9.3	none	none
1255	0.10	0.50	0.05	24.21	5.70	29.4	10 41	0.20	-55.4	7.5		
1257	0.10	0.60	0.05	24.21	5.70	29.4	10.42	0.20	-55.4	6.8		
1259	0.10	0.70	0.05	24.21	5.70	29.4	10.41	0.19	-55.5	7.1		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JWILSON AECOM	SAMPLER(S) SIGNATURE(S): STWJ	SAMPLING INITIATED AT: 1300	SAMPLING ENDED AT: 1305
PUMP OR TUBING DEPTH IN WELL (feet): 28.9	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
PZLSAS-6	4	CG	40mL	HCl	---------	--------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: LMC Tallevast Site	SITE LOCATION: 1600 Tallevast Road, Sarasota, FL 34243	
WELL NO: PZ-LSAS-7	SAMPLE ID: PZ-LSAS-7	DATE: 08/25/16

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): .25	WELL SCREEN INTERVAL DEPTH: 26.4 feet to 31.4 feet	STATIC DEPTH TO WATER (feet): 14.04	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.17 x3 = .51 gallons
= gallons + (0.0014 gallons/foot X 45.5 feet) + 0.10 gallons = 1.7 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.9	PURGING INITIATED AT: 1159	PURGING ENDED AT: 1213	TOTAL VOLUME PURGED (gallons): 1.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1207	.40	.40	0.05	15.49	5.58	32.8	381	0.24	-2.1	1.0	none	none
1209	.10	.50	0.05	15.49	5.57	32.8	385	0.21	-0.7	0.92	↓	↓
1211	.10	.60	0.05	15.49	5.57	32.7	384	0.20	-0.1	0.56		
1213	.10	.70	0.05	15.49	5.58	32.8	385	0.20	+0.1	0.78		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Wilson AECOM	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1214	SAMPLING ENDED AT: 1219
PUMP OR TUBING DEPTH IN WELL (feet): 28.9	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N-replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
PZLSAS 7	4	CG	40mL	HCl	----------	----------	8260 (Full/1,4-Diox)	APP	200

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

US Environmental Rental Corporation

(888) 550-8100 www.usenvironmental.com

166 Riverview Ave, Waltham, MA 02453 (781) 899-1560
91 Prestige Park Circle, Suite 5, East Hartford, CT 06108 (860) 289-8700
5C South Gold Dr, Hamilton, NJ 08691 (609) 570-8555
1202 Tech Blvd., Suite 108, Tampa, FL 33619 (813) 628-4200

Order No.: RO014364
Date: 7/29/2016
Technician: PW

Company: AECOM
Contact: Chadwick Lee
Phone #: #N/A

Packing List

Item	Serial Number	Tech	QC
556	0	✓	
Handheld Display	08J100030	✓	

Item	Tech	QC	Item	Tech	QC
Cable 4M	✓		AC Adaptor		
Flow Cell	✓		Stand		
Barb Kit	✓		D.O Kit	✓	
Storage / Cal Cup	✓		Calibration Kit	✓	
Sensor Guard	✓				
Manual	✓				
Sonde Cap	✓				
Software					
Extra Batteries	✓				
Display Comm. Cable					
Sonde Comm. Cable					

Calibration Report

556			0	
Parameter	**Accuracy**	**Before**	**After**	**Lot #**
Conductivy 1000 µs/cm	(+/-.5%)	983	1000	151218A
pH 7 Buffer	(+/- .2)	7.08	7.00	160212A
pH mV for 7 Buffer	(0 +/- 50)		**-5.2**	
pH 4 Buffer	(+/- .2)	4.16	4.00	160212B
pH mV for 4 Buffer	(180 +/- 50)		**161.2**	
pH 10 Buffer	(+/- .2)	9.88	10.00	#REF!
pH mV for 10 Buffer	(-180 +/- 50)		**-169.5**	
ORP mV, 237.5	(+/- 20 mV)	194.3	200.00	160212c
DO 100% Sat	(+/- 2%)	107.6%	101.3%	
0% DO Check	(+/- 2%)		1.00	
Turbidity 0 NTU	(+/- 5%)			
Turbidity 126 NTU	(+/- 5%)			
Lab Conditions during calibration				

All calibration standards are NIST traceable. Calibration must be performed according to manufacturer's specifications.

This document certifies that US Environmental Rental Corporation has provided this rental equipment and all accessories in good working order. It is the renter's responsibility to: a) review all included items upon receipt, b) verify that all items are in acceptable condition and function properly, and c) contact a US Environmental associate immediately if any item is missing, damaged, and/or not functioning properly. Any delay in notifying US Environmental will be considered as the Renter taking responsibility for such missing, damaged, and/or malfunctioning item.

Missing, damaged, and/or malfunctioning equipment and accessories will result in additional fees.

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1202 Tech Blvd., Suite 108, Tampa, FL 33619 (813) 628-4200

Order No.: RO014364
Date: 7/29/2016
Technician: PW

Company: AECOM
Contact: Chadwick Lee
Phone #: #N/A

Packing List

Item	Serial Number	Tech	QC
556	0	✓	
Handheld Display	08J100026	✓	

Item	Tech	QC	Item	Tech	QC
Cable 4M '	✓		AC Adaptor		
Flow Cell	✓		Stand		
Barb Kit	✓		D.O Kit	✓	
Storage / Cal Cup	✓		Calibration Kit	✓	
Sensor Guard	✓				
Manual	✓				
Sonde Cap	✓				
Software					
Extra Batteries	✓				
Display Comm. Cable					
Sonde Comm. Cable					

Calibration Report

556			0	
Parameter	**Accuracy**	**Before**	**After**	**Lot #**
Conductivy 1000 µs/cm	(+/-.5%)	1008	1000	151218A
pH 7 Buffer	(+/- .2)	7.03	7.00	160212A
pH mV for 7 Buffer	(0 +/- 50)		**-2.2**	
pH 4 Buffer	(+/- .2)	4.41	4.00	160212B
pH mV for 4 Buffer	(180 +/- 50)		**146.7**	
pH 10 Buffer	(+/- .2)	10.23	10.00	#REF!
pH mV for 10 Buffer	(-180 +/- 50)		**-169.4**	
ORP mV, 237.5	(+/- 20 mV)	177.6	200.00	160212c
DO 100% Sat	(+/- 2%)	110.8%	101.5%	
0% DO Check	(+/- 2%)		1.10	
Turbidity 0 NTU	(+/- 5%)			
Turbidity 126 NTU	(+/- 5%)			
Lab Conditions during calibration				

All calibration standards are NIST traceable. Calibration must be performed according to manufacturer's specifications.

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Order No.: RO014364
Date: 7/29/2016
Technician: PW

Company: AECOM
Contact: Chadwick Lee
Phone #: #N/A

Packing List

Item	Serial Number	Tech	QC
556	0	✓	
Handheld Display	15A102401	✓	

Item	Tech	QC	Item	Tech	QC
Cable 4M	✓		AC Adaptor		
Flow Cell	✓		Stand		
Barb Kit	✓		D.O Kit	✓	
Storage / Cal Cup	✓		Calibration Kit	✓	
Sensor Guard	✓				
Manual	✓				
Sonde Cap	✓				
Software					
Extra Batteries	✓				
Display Comm. Cable					
Sonde Comm. Cable					

Calibration Report

556			0	
Parameter	***Accuracy***	***Before***	***After***	***Lot #***
Conductivy 1000 µs/cm	*(+/-.5%)*	1010	1000	151218A
pH 7 Buffer	*(+/- .2)*	7.22	7.00	160212A
pH mV for 7 Buffer	*(0 +/- 50)*		**-13.0**	
pH 4 Buffer	*(+/- .2)*	3.96	4.00	160212B
pH mV for 4 Buffer	*(180 +/- 50)*		**165.2**	
pH 10 Buffer	*(+/- .2)*	9.84	10.00	#REF!
pH mV for 10 Buffer	*(-180 +/- 50)*		**-181.5**	
ORP mV, 237.5	*(+/- 20 mV)*	187.5	200.00	160212c
DO 100% Sat	*(+/- 2%)*	110.3%	100.3%	
0% DO Check	*(+/- 2%)*		0.37	
Turbidity 0 NTU	*(+/- 5%)*			
Turbidity 126 NTU	*(+/- 5%)*			
Lab Conditions during calibration				

All calibration standards are NIST traceable. Calibration must be performed according to manufacturer's specifications.

This document certifies that US Environmental Rental Corporation has provided this rental equipment and all accessories in good working order. It is the renter's responsibility to: a) review all included items upon receipt, b) verify that all items are in acceptable condition and function properly, and c) contact a US Environmental associate immediately if any item is missing, damaged, and/or not functioning properly. Any delay in notifying US Environmental will be considered as the Renter taking responsibility for such missing, damaged, and/or malfunctioning item.

Missing, damaged, and/or malfunctioning equipment and accessories will result in additional fees.

U.S. Environmental Rental Corporation

166 Riverview Ave Waltham, MA. 781-899-1560
91 Prestige Park Circle Unit 5 East Hartford, CT. 860-289-8700
127 RT. 206 South Suite 12 Hamilton, NJ. 609-585-6090
1202 Tech Blvd. Suite 108 Tampa, FL 813-628-4200
www.usenvironmentalrental.com

HACH 2100Q

Date: 7/29/16

RO#	14364	***Company***	Aecom
Tech	JP	***Contact***	Chad Lee
2100QS/N#	13080C027412	***Phone #***	

Calibration:

After Reading	***10NTU***	10.90	***20NTU***	19.80	***100NTU***	99.90	***800NTU***	784.00

Packing List

2100Q Meter	XXX	*cloth rag*	
AC Power Cord		*silicone*	XXX
<10 NTU	XXX	*gelex standards*	
20NTU	XXX		
100NTU	XXX		
800NTU	XXX		
AA Batteries	XXX		
Manual	XXX		
(2) Sample Vials	XXX		

Please be sure to verify receipt of all accessories. Missing accessories will be billed at list price plus shipping
If unit has any problems customer must notify U.S. Environmental with in 24 Hours of receipt of unit.
Please call our technical support department at 813-628-4200 ** many problems can be solved in the field

Additional Comments:

U.S. Environmental
Rental Corporation
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1202 Tech Blvd. Suite 108 Tampa, FL 813-628-4200
www.usenvironmentalrental.com

HACH 2100Q

Date: 7/29/16

RO#	14364	***Company***	Aecom
Tech	JP	***Contact***	Chad Lee
2100QS/N#	1108C011671	***Phone #***	

Calibration:

After Reading	***10NTU***	9.78	***20NTU***	20.60	***100NTU***	99.80	***800NTU***	802.00

Packing List

2100Q Meter	XXX	*cloth rag*	
AC Power Cord		*silicone*	XXX
<10 NTU	XXX	*gelex standards*	
20NTU	XXX		
100NTU	XXX		
800NTU	XXX		
AA Batteries	XXX		
Manual	XXX		
(2) Sample Vials	XXX		

Please be sure to verify receipt of all accessories. Missing accessories will be billed at list price plus shipping
If unit has any problems customer must notify U.S. Environmental with in 24 Hours of receipt of unit.
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Additional Comments:

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www.usenvironmentalrental.com

HACH 2100Q

Date: 7/29/16

RO#	14364	***Company***	Aecom
Tech	JP	***Contact***	Chad Lee
2100QS/N#	13120C029968	***Phone #***	

Calibration:

After Reading ***10NTU*** [ ] ***20NTU*** 19.80 ***100NTU*** 101.00 ***800NTU*** 801.00

Packing List

2100Q Meter	XXX	*cloth rag*	
AC Power Cord		*silicone*	XXX
<10 NTU	XXX	*gelex standards*	
20NTU	XXX		
100NTU	XXX		
800NTU	XXX		
AA Batteries	XXX		
Manual	XXX		
(2) Sample Vials	XXX		

Please be sure to verify receipt of all accessories. Missing accessories will be billed at list price plus shipping
If unit has any problems customer must notify U.S. Environmental with in 24 Hours of receipt of unit.
Please call our technical support department at 813-628-4200 ** many problems can be solved in the field

Additional Comments:

APPENDIX G – LABORATORY ANALYTICAL REPORTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-69143-1
Client Project/Site: Tallevast

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Darrin Johnson

Sherry M Salomon

Authorized for release by:
9/16/2015 8:40:34 AM

Sherry Salomon, Manager of Project Management Assistants
(615)301-5033
sherry.salomon@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-69143-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-69143-1	AOP FEED	Water	09/11/15 09:00	09/11/15 13:25
660-69143-2	AOP-A eff	Water	09/11/15 09:05	09/11/15 13:25
660-69143-3	AOP-B eff	Water	09/11/15 09:10	09/11/15 13:25
660-69143-4	AOP-C eff	Water	09/11/15 09:15	09/11/15 13:25
660-69143-5	PGE	Water	09/11/15 09:20	09/11/15 13:25
660-69143-6	SGE	Water	09/11/15 09:25	09/11/15 13:25
660-69143-7	Combined Inf	Water	09/11/15 09:30	09/11/15 13:25

Job ID: 660-69143-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-69143-1

Comments
No additional comments.

Receipt
The samples were received on 9/11/2015 at 1:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-69143-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-69143-1

Client Sample ID: AOP FEED — Lab Sample ID: 660-69143-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	18		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.1		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	54		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A eff — Lab Sample ID: 660-69143-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B eff — Lab Sample ID: 660-69143-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.4		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.67	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	0.77	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C eff — Lab Sample ID: 660-69143-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.2		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.67	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-69143-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-69143-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Inf — Lab Sample ID: 660-69143-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	23		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	25		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	13		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.78	I	1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	19		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.1		1.0	0.71	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-69143-1

Client Sample ID: Combined Inf (Continued)

Lab Sample ID: 660-69143-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	56		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP FEED

Lab Sample ID: 660-69143-1
Date Collected: 09/11/15 09:00
Matrix: Water
Date Received: 09/11/15 13:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**6.8**		1.0	0.52	ug/L			09/14/15 13:20	1
1,1-Dichloroethene	**10**		1.0	0.67	ug/L			09/14/15 13:20	1
cis-1,2-Dichloroethene	**18**		1.0	0.65	ug/L			09/14/15 13:20	1
Tetrachloroethene	**6.5**		1.0	0.50	ug/L			09/14/15 13:20	1
Trichloroethene	**12**		1.0	0.61	ug/L			09/14/15 13:20	1
Vinyl chloride	**1.1**		1.0	0.71	ug/L			09/14/15 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/14/15 13:20*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*09/14/15 13:20*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/14/15 13:20*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**54**		2.0	1.0	ug/L			09/14/15 11:51	1

Client Sample ID: AOP-A eff

Lab Sample ID: 660-69143-2
Date Collected: 09/11/15 09:05
Matrix: Water
Date Received: 09/11/15 13:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.2**		1.0	0.52	ug/L			09/14/15 10:51	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/14/15 10:51	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/14/15 10:51	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/14/15 10:51	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/14/15 10:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/14/15 10:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/14/15 10:51*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*09/14/15 10:51*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*09/14/15 10:51*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.4**		2.0	1.0	ug/L			09/14/15 10:20	1

Client Sample ID: AOP-B eff

Lab Sample ID: 660-69143-3
Date Collected: 09/11/15 09:10
Matrix: Water
Date Received: 09/11/15 13:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.4**		1.0	0.52	ug/L			09/14/15 11:10	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/14/15 11:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/14/15 11:10	1
Tetrachloroethene	**0.67**	**I**	1.0	0.50	ug/L			09/14/15 11:10	1
Trichloroethene	**0.77**	**I**	1.0	0.61	ug/L			09/14/15 11:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/14/15 11:10	1

Client Sample ID: AOP-B eff

Lab Sample ID: 660-69143-3
Matrix: Water
Date Collected: 09/11/15 09:10
Date Received: 09/11/15 13:25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*09/14/15 11:10*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*09/14/15 11:10*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*09/14/15 11:10*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.3**		2.0	1.0	ug/L			09/14/15 10:38	1

Client Sample ID: AOP-C eff

Lab Sample ID: 660-69143-4
Matrix: Water
Date Collected: 09/11/15 09:15
Date Received: 09/11/15 13:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.2**		1.0	0.52	ug/L			09/14/15 12:25	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/14/15 12:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/14/15 12:25	1
Tetrachloroethene	**0.67**	**I**	1.0	0.50	ug/L			09/14/15 12:25	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/14/15 12:25	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/14/15 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*09/14/15 12:25*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*09/14/15 12:25*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/14/15 12:25*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.4**		2.0	1.0	ug/L			09/14/15 10:57	1

Client Sample ID: PGE

Lab Sample ID: 660-69143-5
Matrix: Water
Date Collected: 09/11/15 09:20
Date Received: 09/11/15 13:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.7**		1.0	0.52	ug/L			09/14/15 12:43	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/14/15 12:43	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/14/15 12:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/14/15 12:43	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/14/15 12:43	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/14/15 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/14/15 12:43*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*09/14/15 12:43*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/14/15 12:43*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.9**		2.0	1.0	ug/L			09/14/15 11:15	1

Client Sample ID: SGE

Lab Sample ID: 660-69143-6

Date Collected: 09/11/15 09:25

Matrix: Water

Date Received: 09/11/15 13:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/14/15 13:02	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/14/15 13:02	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/14/15 13:02	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/14/15 13:02	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/14/15 13:02	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/14/15 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*09/14/15 13:02*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*09/14/15 13:02*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/14/15 13:02*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.4**		2.0	1.0	ug/L			09/14/15 11:33	1

Client Sample ID: Combined Inf

Lab Sample ID: 660-69143-7

Date Collected: 09/11/15 09:30

Matrix: Water

Date Received: 09/11/15 13:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/14/15 13:39	1
Benzene	0.50	U	1.0	0.50	ug/L			09/14/15 13:39	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/14/15 13:39	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/14/15 13:39	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/14/15 13:39	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/14/15 13:39	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/14/15 13:39	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/14/15 13:39	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/14/15 13:39	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/14/15 13:39	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/14/15 13:39	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/14/15 13:39	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/14/15 13:39	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/14/15 13:39	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/14/15 13:39	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/14/15 13:39	1
cis-1,2-Dichloroethene	**23**		1.0	0.65	ug/L			09/14/15 13:39	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/14/15 13:39	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/14/15 13:39	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/14/15 13:39	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/14/15 13:39	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/14/15 13:39	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/14/15 13:39	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/14/15 13:39	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/14/15 13:39	1
1,1-Dichloroethane	**8.9**		1.0	0.52	ug/L			09/14/15 13:39	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/14/15 13:39	1
1,1-Dichloroethene	**25**		1.0	0.67	ug/L			09/14/15 13:39	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-69143-1

Client Sample ID: Combined Inf
Date Collected: 09/11/15 09:30
Date Received: 09/11/15 13:25

Lab Sample ID: 660-69143-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/14/15 13:39	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/14/15 13:39	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/14/15 13:39	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/14/15 13:39	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/14/15 13:39	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/14/15 13:39	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/14/15 13:39	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/14/15 13:39	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/14/15 13:39	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/14/15 13:39	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			09/14/15 13:39	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/14/15 13:39	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/14/15 13:39	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/14/15 13:39	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/14/15 13:39	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/14/15 13:39	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/14/15 13:39	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/14/15 13:39	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/14/15 13:39	1
Styrene	0.98	U	2.0	0.98	ug/L			09/14/15 13:39	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/14/15 13:39	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/14/15 13:39	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/14/15 13:39	1
Tetrachloroethene	**13**		1.0	0.50	ug/L			09/14/15 13:39	1
Toluene	0.51	U	1.0	0.51	ug/L			09/14/15 13:39	1
trans-1,2-Dichloroethene	**0.78**	**I**	1.0	0.67	ug/L			09/14/15 13:39	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/14/15 13:39	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/14/15 13:39	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/14/15 13:39	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/14/15 13:39	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/14/15 13:39	1
Trichloroethene	**19**		1.0	0.61	ug/L			09/14/15 13:39	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/14/15 13:39	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/14/15 13:39	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/14/15 13:39	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/14/15 13:39	1
Vinyl chloride	**3.1**		1.0	0.71	ug/L			09/14/15 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*09/14/15 13:39*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*09/14/15 13:39*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*09/14/15 13:39*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**56**		2.0	1.0	ug/L			09/14/15 12:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-161281/7
Matrix: Water
Analysis Batch: 161281

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/14/15 10:23	1
Benzene	0.50	U	1.0	0.50	ug/L			09/14/15 10:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/14/15 10:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/14/15 10:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/14/15 10:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/14/15 10:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/14/15 10:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/14/15 10:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/14/15 10:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/14/15 10:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/14/15 10:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/14/15 10:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/14/15 10:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/14/15 10:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/14/15 10:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/14/15 10:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/14/15 10:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/14/15 10:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/14/15 10:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/14/15 10:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/14/15 10:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/14/15 10:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/14/15 10:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/14/15 10:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/14/15 10:23	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/14/15 10:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/14/15 10:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/14/15 10:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/14/15 10:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/14/15 10:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/14/15 10:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/14/15 10:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/14/15 10:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/14/15 10:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/14/15 10:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/14/15 10:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/14/15 10:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/14/15 10:23	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			09/14/15 10:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/14/15 10:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/14/15 10:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/14/15 10:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/14/15 10:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/14/15 10:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/14/15 10:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/14/15 10:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/14/15 10:23	1
Styrene	0.98	U	2.0	0.98	ug/L			09/14/15 10:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-161281/7
Matrix: Water
Analysis Batch: 161281

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/14/15 10:23	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/14/15 10:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/14/15 10:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/14/15 10:23	1
Toluene	0.51	U	1.0	0.51	ug/L			09/14/15 10:23	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/14/15 10:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/14/15 10:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/14/15 10:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/14/15 10:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/14/15 10:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/14/15 10:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/14/15 10:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/14/15 10:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/14/15 10:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/14/15 10:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/14/15 10:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/14/15 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*09/14/15 10:23*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*09/14/15 10:23*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*09/14/15 10:23*	*1*

Lab Sample ID: LCS 660-161281/4
Matrix: Water
Analysis Batch: 161281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	96.4		ug/L		96	62 - 142
Benzene	10.0	10.6		ug/L		106	68 - 134
Bromobenzene	10.0	10.5		ug/L		105	70 - 130
Bromoform	10.0	10.4		ug/L		104	65 - 130
Bromomethane	10.0	9.31		ug/L		93	22 - 150
2-Butanone (MEK)	100	84.4		ug/L		84	63 - 140
Carbon disulfide	10.0	11.8		ug/L		118	30 - 150
Carbon tetrachloride	10.0	10.0		ug/L		100	61 - 134
Chlorobenzene	10.0	10.6		ug/L		106	70 - 130
Chlorobromomethane	10.0	10.8		ug/L		108	70 - 130
Chlorodibromomethane	10.0	10.1		ug/L		101	70 - 130
Chloroethane	10.0	9.28		ug/L		93	39 - 150
Chloroform	10.0	10.1		ug/L		101	68 - 130
Chloromethane	10.0	8.45		ug/L		84	35 - 150
2-Chlorotoluene	10.0	10.9		ug/L		109	70 - 130
4-Chlorotoluene	10.0	10.7		ug/L		107	70 - 130
cis-1,2-Dichloroethene	10.0	10.8		ug/L		108	66 - 130
cis-1,3-Dichloropropene	10.0	10.5		ug/L		105	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.6		ug/L		106	63 - 130
Dibromomethane	10.0	10.6		ug/L		106	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-161281/4
Matrix: Water
Analysis Batch: 161281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
1,3-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
1,4-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130
Dichlorobromomethane	10.0	10.4		ug/L		104	70 - 130
Dichlorodifluoromethane	10.0	6.78		ug/L		68	16 - 149
1,1-Dichloroethane	10.0	11.1		ug/L		111	66 - 130
1,2-Dichloroethane	10.0	10.4		ug/L		104	70 - 130
1,1-Dichloroethene	10.0	9.97		ug/L		100	51 - 150
1,2-Dichloropropane	10.0	10.3		ug/L		103	70 - 130
1,3-Dichloropropane	10.0	10.4		ug/L		104	70 - 130
2,2-Dichloropropane	10.0	10.8		ug/L		108	66 - 134
1,1-Dichloropropene	10.0	10.2		ug/L		102	65 - 136
Ethylbenzene	10.0	9.51		ug/L		95	70 - 130
Ethylene Dibromide	10.0	11.0		ug/L		110	66 - 130
Hexachlorobutadiene	10.0	10.9		ug/L		109	62 - 143
2-Hexanone	100	84.0		ug/L		84	60 - 148
Isopropylbenzene	10.0	8.66		ug/L		87	62 - 130
4-Isopropyltoluene	10.0	8.20		ug/L		82	65 - 134
Methylene Chloride	10.0	9.75		ug/L		97	57 - 130
4-Methyl-2-pentanone (MIBK)	100	89.3		ug/L		89	64 - 137
Methyl tert-butyl ether	10.0	10.2		ug/L		102	67 - 130
Naphthalene	10.0	8.11		ug/L		81	50 - 136
n-Butylbenzene	10.0	8.62		ug/L		86	61 - 131
N-Propylbenzene	10.0	8.93		ug/L		89	67 - 130
o-Xylene	10.0	9.02		ug/L		90	69 - 130
sec-Butylbenzene	10.0	9.00		ug/L		90	68 - 133
Styrene	10.0	8.50		ug/L		85	68 - 131
tert-Butylbenzene	10.0	9.00		ug/L		90	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.6		ug/L		106	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.1		ug/L		101	70 - 130
Tetrachloroethene	10.0	11.5		ug/L		115	50 - 143
Toluene	10.0	11.1		ug/L		111	70 - 131
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	62 - 139
trans-1,3-Dichloropropene	10.0	11.3		ug/L		113	67 - 130
1,2,3-Trichlorobenzene	10.0	10.0		ug/L		100	58 - 132
1,2,4-Trichlorobenzene	10.0	10.6		ug/L		106	66 - 130
1,1,1-Trichloroethane	10.0	10.6		ug/L		106	63 - 132
1,1,2-Trichloroethane	10.0	10.6		ug/L		106	70 - 130
Trichloroethene	10.0	11.3		ug/L		113	63 - 139
Trichlorofluoromethane	10.0	9.02		ug/L		90	62 - 146
1,2,3-Trichloropropane	10.0	10.7		ug/L		107	66 - 130
1,2,4-Trimethylbenzene	10.0	8.49		ug/L		85	70 - 132
1,3,5-Trimethylbenzene	10.0	8.78		ug/L		88	65 - 134
Vinyl chloride	10.0	8.65		ug/L		87	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-161281/4
Matrix: Water
Analysis Batch: 161281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: LCSD 660-161281/5
Matrix: Water
Analysis Batch: 161281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	103		ug/L		103	62 - 142	7	30
Benzene			10.0	10.5		ug/L		105	68 - 134	1	30
Bromobenzene			10.0	10.4		ug/L		104	70 - 130	1	30
Bromoform			10.0	10.5		ug/L		105	65 - 130	1	30
Bromomethane			10.0	9.29		ug/L		93	22 - 150	0	30
2-Butanone (MEK)			100	91.6		ug/L		92	63 - 140	8	30
Carbon disulfide			10.0	11.3		ug/L		113	30 - 150	4	30
Carbon tetrachloride			10.0	9.96		ug/L		100	61 - 134	1	30
Chlorobenzene			10.0	10.1		ug/L		101	70 - 130	4	30
Chlorobromomethane			10.0	10.8		ug/L		108	70 - 130	0	30
Chlorodibromomethane			10.0	10.5		ug/L		105	70 - 130	4	30
Chloroethane			10.0	9.34		ug/L		93	39 - 150	1	30
Chloroform			10.0	9.97		ug/L		100	68 - 130	1	30
Chloromethane			10.0	8.31		ug/L		83	35 - 150	2	30
2-Chlorotoluene			10.0	10.7		ug/L		107	70 - 130	2	30
4-Chlorotoluene			10.0	10.8		ug/L		108	70 - 130	1	30
cis-1,2-Dichloroethene			10.0	10.7		ug/L		107	66 - 130	1	30
cis-1,3-Dichloropropene			10.0	10.7		ug/L		107	70 - 130	2	30
1,2-Dibromo-3-Chloropropane			10.0	11.0		ug/L		110	63 - 130	4	30
Dibromomethane			10.0	10.7		ug/L		107	70 - 130	1	30
1,2-Dichlorobenzene			10.0	10.6		ug/L		106	70 - 130	2	30
1,3-Dichlorobenzene			10.0	10.7		ug/L		107	70 - 130	1	30
1,4-Dichlorobenzene			10.0	10.7		ug/L		107	70 - 130	0	30
Dichlorobromomethane			10.0	10.3		ug/L		103	70 - 130	1	30
Dichlorodifluoromethane			10.0	6.56		ug/L		66	16 - 149	3	30
1,1-Dichloroethane			10.0	11.1		ug/L		111	66 - 130	1	30
1,2-Dichloroethane			10.0	10.3		ug/L		103	70 - 130	1	30
1,1-Dichloroethene			10.0	9.55		ug/L		96	51 - 150	4	30
1,2-Dichloropropane			10.0	10.3		ug/L		103	70 - 130	0	30
1,3-Dichloropropane			10.0	10.5		ug/L		105	70 - 130	1	30
2,2-Dichloropropane			10.0	10.5		ug/L		105	66 - 134	3	30
1,1-Dichloropropene			10.0	9.63		ug/L		96	65 - 136	6	30
Ethylbenzene			10.0	8.87		ug/L		89	70 - 130	7	30
Ethylene Dibromide			10.0	10.9		ug/L		109	66 - 130	0	30
Hexachlorobutadiene			10.0	10.5		ug/L		105	62 - 143	4	30
2-Hexanone			100	92.0		ug/L		92	60 - 148	9	30
Isopropylbenzene			10.0	8.78		ug/L		88	62 - 130	1	30
4-Isopropyltoluene			10.0	8.18		ug/L		82	65 - 134	0	30
Methylene Chloride			10.0	9.77		ug/L		98	57 - 130	0	30
4-Methyl-2-pentanone (MIBK)			100	97.6		ug/L		98	64 - 137	9	30
Methyl tert-butyl ether			10.0	10.2		ug/L		102	67 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-161281/5
Matrix: Water
Analysis Batch: 161281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	8.24		ug/L		82	50 - 136	2	30
n-Butylbenzene			10.0	8.33		ug/L		83	61 - 131	3	30
N-Propylbenzene			10.0	8.98		ug/L		90	67 - 130	1	30
o-Xylene			10.0	8.58		ug/L		86	69 - 130	5	30
sec-Butylbenzene			10.0	8.80		ug/L		88	68 - 133	2	30
Styrene			10.0	8.27		ug/L		83	68 - 131	3	30
tert-Butylbenzene			10.0	8.90		ug/L		89	64 - 130	1	30
1,1,1,2-Tetrachloroethane			10.0	10.4		ug/L		104	70 - 130	2	30
1,1,2,2-Tetrachloroethane			10.0	10.6		ug/L		106	70 - 130	4	30
Tetrachloroethene			10.0	11.0		ug/L		110	50 - 143	5	30
Toluene			10.0	10.6		ug/L		106	70 - 131	5	30
trans-1,2-Dichloroethene			10.0	10.9		ug/L		109	62 - 139	1	30
trans-1,3-Dichloropropene			10.0	11.2		ug/L		112	67 - 130	1	30
1,2,3-Trichlorobenzene			10.0	10.4		ug/L		104	58 - 132	4	30
1,2,4-Trichlorobenzene			10.0	10.4		ug/L		104	66 - 130	2	30
1,1,1-Trichloroethane			10.0	10.6		ug/L		106	63 - 132	1	30
1,1,2-Trichloroethane			10.0	10.7		ug/L		107	70 - 130	1	30
Trichloroethene			10.0	10.7		ug/L		107	63 - 139	5	30
Trichlorofluoromethane			10.0	8.60		ug/L		86	62 - 146	5	30
1,2,3-Trichloropropane			10.0	11.8		ug/L		118	66 - 130	10	30
1,2,4-Trimethylbenzene			10.0	8.45		ug/L		85	70 - 132	0	30
1,3,5-Trimethylbenzene			10.0	8.58		ug/L		86	65 - 134	2	30
Vinyl chloride			10.0	8.29		ug/L		83	48 - 147	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Lab Sample ID: 660-69143-3 MS
Matrix: Water
Analysis Batch: 161281

Client Sample ID: AOP-B eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	17	I	100	87.1		ug/L		70	62 - 142
Benzene	0.50	U	10.0	8.96		ug/L		90	68 - 134
Bromobenzene	0.58	U	10.0	8.71		ug/L		87	70 - 130
Bromoform	0.63	U	10.0	8.68		ug/L		87	65 - 130
Bromomethane	2.5	U	10.0	8.98		ug/L		90	22 - 150
2-Butanone (MEK)	8.4	U	100	66.1		ug/L		66	63 - 140
Carbon disulfide	1.0	U	10.0	8.52		ug/L		85	30 - 150
Carbon tetrachloride	0.43	U	10.0	7.67		ug/L		77	61 - 134
Chlorobenzene	0.63	U	10.0	8.74		ug/L		87	70 - 130
Chlorobromomethane	0.58	U	10.0	9.33		ug/L		93	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.26		ug/L		93	70 - 130
Chloroethane	2.5	U	10.0	7.70		ug/L		77	39 - 150
Chloroform	0.90	U	10.0	8.43		ug/L		84	68 - 130
Chloromethane	1.0	U	10.0	6.41		ug/L		64	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-69143-3 MS
Matrix: Water
Analysis Batch: 161281

Client Sample ID: AOP-B eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	8.86		ug/L		89	70 - 130
4-Chlorotoluene	0.52	U	10.0	8.79		ug/L		88	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.25		ug/L		92	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.03		ug/L		90	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.45		ug/L		85	63 - 130
Dibromomethane	0.46	U	10.0	9.29		ug/L		93	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	8.82		ug/L		88	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.08		ug/L		91	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	8.89		ug/L		89	70 - 130
Dichlorobromomethane	0.44	U	10.0	9.01		ug/L		90	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	5.05		ug/L		51	16 - 149
1,1-Dichloroethane	5.4		10.0	14.0		ug/L		86	66 - 130
1,2-Dichloroethane	0.57	U	10.0	8.53		ug/L		85	70 - 130
1,1-Dichloroethene	0.67	U	10.0	7.14		ug/L		71	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.29		ug/L		83	70 - 130
1,3-Dichloropropane	0.42	U	10.0	8.89		ug/L		89	70 - 130
2,2-Dichloropropane	0.36	U	10.0	8.15		ug/L		81	66 - 134
1,1-Dichloropropene	0.65	U	10.0	7.75		ug/L		78	65 - 136
Ethylbenzene	0.44	U	10.0	7.53		ug/L		75	70 - 130
Ethylene Dibromide	0.50	U	10.0	9.33		ug/L		93	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.26		ug/L		93	62 - 143
2-Hexanone	4.4	U	100	67.4		ug/L		67	60 - 148
Isopropylbenzene	0.52	U	10.0	6.71		ug/L		67	62 - 130
4-Isopropyltoluene	0.69	U J3	10.0	6.42	J3	ug/L		64	65 - 134
Methylene Chloride	4.0	U	10.0	8.84		ug/L		88	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	71.8		ug/L		72	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	8.42		ug/L		84	67 - 130
Naphthalene	2.5	U	10.0	6.50		ug/L		65	50 - 136
n-Butylbenzene	0.67	U	10.0	6.70		ug/L		67	61 - 131
N-Propylbenzene	0.59	U	10.0	7.10		ug/L		71	67 - 130
o-Xylene	0.50	U	10.0	7.52		ug/L		75	69 - 130
sec-Butylbenzene	0.63	U	10.0	6.95		ug/L		70	68 - 133
Styrene	0.98	U	10.0	7.01		ug/L		70	68 - 131
tert-Butylbenzene	0.84	U	10.0	6.99		ug/L		70	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.02		ug/L		90	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.65		ug/L		86	70 - 130
Tetrachloroethene	0.67	I	10.0	9.57		ug/L		89	50 - 143
Toluene	0.51	U	10.0	9.24		ug/L		92	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.72		ug/L		87	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.73		ug/L		97	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.75		ug/L		87	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.64		ug/L		86	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	8.43		ug/L		84	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.56		ug/L		96	70 - 130
Trichloroethene	0.77	I	10.0	9.61		ug/L		88	63 - 139
Trichlorofluoromethane	2.5	U	10.0	6.89		ug/L		69	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	8.93		ug/L		89	66 - 130
1,2,4-Trimethylbenzene	0.86	U J3	10.0	6.69	J3	ug/L		67	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-69143-3 MS
Matrix: Water
Analysis Batch: 161281

Client Sample ID: AOP-B eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	6.85		ug/L		69	65 - 134
Vinyl chloride	0.71	U	10.0	6.39		ug/L		64	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-69143-2 DU
Matrix: Water
Analysis Batch: 161281

Client Sample ID: AOP-A eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	20		19.0	I	ug/L		5	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	5.2		5.11		ug/L		1	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-69143-2 DU
Matrix: Water
Analysis Batch: 161281

Client Sample ID: AOP-A eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.513	I	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-161283/7
Matrix: Water
Analysis Batch: 161283

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/14/15 09:52	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-161283/4
Matrix: Water
Analysis Batch: 161283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.88		ug/L		79	50 - 150

Lab Sample ID: LCSD 660-161283/5
Matrix: Water
Analysis Batch: 161283

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	9.96		ug/L		100	50 - 150	23	50

Lab Sample ID: 660-69143-2 MS
Matrix: Water
Analysis Batch: 161283

Client Sample ID: AOP-A eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	3.4		10.0	10.6		ug/L		72	50 - 150

Lab Sample ID: 660-69143-2 MSD
Matrix: Water
Analysis Batch: 161283

Client Sample ID: AOP-A eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	3.4		10.0	11.5		ug/L		81	50 - 150	8	50

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-69143-1

GC/MS VOA

Analysis Batch: 161281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-69143-1	AOP FEED	Total/NA	Water	8260B	
660-69143-2	AOP-A eff	Total/NA	Water	8260B	
660-69143-2 DU	AOP-A eff	Total/NA	Water	8260B	
660-69143-3	AOP-B eff	Total/NA	Water	8260B	
660-69143-3 MS	AOP-B eff	Total/NA	Water	8260B	
660-69143-4	AOP-C eff	Total/NA	Water	8260B	
660-69143-5	PGE	Total/NA	Water	8260B	
660-69143-6	SGE	Total/NA	Water	8260B	
660-69143-7	Combined Inf	Total/NA	Water	8260B	
LCS 660-161281/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-161281/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-161281/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 161283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-69143-1	AOP FEED	Total/NA	Water	8260C SIM	
660-69143-2	AOP-A eff	Total/NA	Water	8260C SIM	
660-69143-2 MS	AOP-A eff	Total/NA	Water	8260C SIM	
660-69143-2 MSD	AOP-A eff	Total/NA	Water	8260C SIM	
660-69143-3	AOP-B eff	Total/NA	Water	8260C SIM	
660-69143-4	AOP-C eff	Total/NA	Water	8260C SIM	
660-69143-5	PGE	Total/NA	Water	8260C SIM	
660-69143-6	SGE	Total/NA	Water	8260C SIM	
660-69143-7	Combined Inf	Total/NA	Water	8260C SIM	
LCS 660-161283/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-161283/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-161283/7	Method Blank	Total/NA	Water	8260C SIM	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-69143-1

Client Sample ID: AOP FEED
Lab Sample ID: 660-69143-1
Date Collected: 09/11/15 09:00
Matrix: Water
Date Received: 09/11/15 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161281	09/14/15 13:20	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	161283	09/14/15 11:51	ECC	TAL TAM

Client Sample ID: AOP-A eff
Lab Sample ID: 660-69143-2
Date Collected: 09/11/15 09:05
Matrix: Water
Date Received: 09/11/15 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161281	09/14/15 10:51	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	161283	09/14/15 10:20	ECC	TAL TAM

Client Sample ID: AOP-B eff
Lab Sample ID: 660-69143-3
Date Collected: 09/11/15 09:10
Matrix: Water
Date Received: 09/11/15 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161281	09/14/15 11:10	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	161283	09/14/15 10:38	ECC	TAL TAM

Client Sample ID: AOP-C eff
Lab Sample ID: 660-69143-4
Date Collected: 09/11/15 09:15
Matrix: Water
Date Received: 09/11/15 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161281	09/14/15 12:25	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	161283	09/14/15 10:57	ECC	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-69143-5
Date Collected: 09/11/15 09:20
Matrix: Water
Date Received: 09/11/15 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161281	09/14/15 12:43	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	161283	09/14/15 11:15	ECC	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-69143-6
Date Collected: 09/11/15 09:25
Matrix: Water
Date Received: 09/11/15 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161281	09/14/15 13:02	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-69143-1

Client Sample ID: SGE

Lab Sample ID: 660-69143-6

Date Collected: 09/11/15 09:25
Matrix: Water
Date Received: 09/11/15 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	161283	09/14/15 11:33	ECC	TAL TAM

Client Sample ID: Combined Inf

Lab Sample ID: 660-69143-7

Date Collected: 09/11/15 09:30
Matrix: Water
Date Received: 09/11/15 13:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161281	09/14/15 13:39	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	161283	09/14/15 12:09	ECC	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-69143-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-69143-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

9/16/2015

Client Information	Sampler: Darrin Johnson	Lab PM: ~~Robertson, Nancy~~ Sherry Salomon	Carrier Tracking No(s):
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: sherry.salomon ~~nancy.robertson~~@testamericainc.com	COC No: 660-54286-17551.1
Company: AECOM Technical Services Inc.			Page: Page 1 of 3
Address: 320 East South Street Suite 200	Due Date Requested: 48 hr		Job #:
City: Orlando	TAT Requested (days): 48 hr		
State, Zip: FL, 32801			
Phone: 407-262-2936(Tel)	PO #: 44507ACM		
Email: Darrin.Johnson@aecom.com	WO #: 60189799		
Project Name: Tallevast	Project #: 66006091		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Preservation Code:	Total Number of containers	Special Instructions/Note:
							A D		
AoP Feed	9-11-15	0900	G	Water	N	N	4		Comb inf @ 162
AoP A eff		0905		Water			4		AoP-A @ 59
AoP-B eff		0910		Water			4		AoP-B @ 58
AoP-C eff		0915		Water			4		AoP-C @ 92
PGE		0920		Water			4		
SGE		0925		Water			4		
Combined inf		0930		Water			4		
				Water					
				Water					
				Water					
				Water					

Loc: 660 69143

660-69143 Chain of Custody

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date: 09-12-14	Time: 1533	Method of Shipment:	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9-11-15 1400	Company AECOM
Relinquished by:	Date/Time: 9-11-15 1215	Company AECOM	Received by:	Date/Time: 9.11.15 1215	Company TA Flgs
Relinquished by:	Date/Time: 9.11.15 1325	Company TA Tpa	Received by:	Date/Time: 9/11/15 1825	Company TA TPA
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	3.4/3.0	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-69143-1

Login Number: 69143
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-69507-1
TestAmerica Sample Delivery Group: Tallevast
Client Project/Site: Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Jennifer Huckaba

Authorized for release by:
10/1/2015 6:35:27 PM
Jennifer Huckaba, Project Manager II
(615)301-5042
jennifer.huckaba@testamericainc.com

Designee for

Sherry Salomon, Manager of Project Management Assistants
(615)301-5033
sherry.salomon@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Process Sampling

TestAmerica Job ID: 660-69507-1
SDG: Tallevast

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-69507-1	AOP Feed	Water	09/29/15 09:00	09/29/15 12:10
660-69507-2	AOP-A effluent	Water	09/29/15 09:05	09/29/15 12:10
660-69507-3	AOP-B effluent	Water	09/29/15 09:10	09/29/15 12:10
660-69507-4	AOP-C Effluent	Water	09/29/15 09:15	09/29/15 12:10
660-69507-5	PGE	Water	09/29/15 09:20	09/29/15 12:10
660-69507-6	SGE	Water	09/29/15 09:25	09/29/15 12:10
660-69507-7	Combined Influent	Water	09/29/15 09:30	09/29/15 12:10

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Process Sampling

TestAmerica Job ID: 660-69507-1
SDG: Tallevast

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Process Sampling

TestAmerica Job ID: 660-69507-1
SDG: Tallevast

Client Sample ID: AOP Feed — Lab Sample ID: 660-69507-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.7		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	0.85	I	1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	52		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-69507-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-69507-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.5		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.54	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	0.65	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-69507-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.53	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-69507-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-69507-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-69507-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	25		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	14		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.87	I	1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	19		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.9		1.0	0.71	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Process Sampling

TestAmerica Job ID: 660-69507-1
SDG: Tallevast

Client Sample ID: Combined Influent (Continued) — Lab Sample ID: 660-69507-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	59		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-69507-1

Date Collected: 09/29/15 09:00
Matrix: Water
Date Received: 09/29/15 12:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.8**		1.0	0.52	ug/L			10/01/15 13:07	1
1,1-Dichloroethene	**8.7**		1.0	0.67	ug/L			10/01/15 13:07	1
cis-1,2-Dichloroethene	**15**		1.0	0.65	ug/L			10/01/15 13:07	1
Tetrachloroethene	**6.5**		1.0	0.50	ug/L			10/01/15 13:07	1
Trichloroethene	**12**		1.0	0.61	ug/L			10/01/15 13:07	1
Vinyl chloride	**0.85**	**I**	1.0	0.71	ug/L			10/01/15 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*10/01/15 13:07*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*10/01/15 13:07*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/01/15 13:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**52**		2.0	1.0	ug/L			10/01/15 14:58	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-69507-2

Date Collected: 09/29/15 09:05
Matrix: Water
Date Received: 09/29/15 12:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.1**		1.0	0.52	ug/L			10/01/15 11:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/01/15 11:16	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/01/15 11:16	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/01/15 11:16	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/01/15 11:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/01/15 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*10/01/15 11:16*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*10/01/15 11:16*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*10/01/15 11:16*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.1**		2.0	1.0	ug/L			10/01/15 12:33	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-69507-3

Date Collected: 09/29/15 09:10
Matrix: Water
Date Received: 09/29/15 12:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.5**		1.0	0.52	ug/L			10/01/15 11:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/01/15 11:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/01/15 11:34	1
Tetrachloroethene	**0.54**	**I**	1.0	0.50	ug/L			10/01/15 11:34	1
Trichloroethene	**0.65**	**I**	1.0	0.61	ug/L			10/01/15 11:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/01/15 11:34	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-69507-3
Date Collected: 09/29/15 09:10
Matrix: Water
Date Received: 09/29/15 12:10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*10/01/15 11:34*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*10/01/15 11:34*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*10/01/15 11:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.0**		2.0	1.0	ug/L			10/01/15 13:45	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-69507-4
Date Collected: 09/29/15 09:15
Matrix: Water
Date Received: 09/29/15 12:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			10/01/15 11:53	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/01/15 11:53	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/01/15 11:53	1
Tetrachloroethene	**0.53**	**I**	1.0	0.50	ug/L			10/01/15 11:53	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/01/15 11:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/01/15 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*10/01/15 11:53*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*10/01/15 11:53*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*10/01/15 11:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.8**		2.0	1.0	ug/L			10/01/15 14:03	1

Client Sample ID: PGE

Lab Sample ID: 660-69507-5
Date Collected: 09/29/15 09:20
Matrix: Water
Date Received: 09/29/15 12:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**1.1**		1.0	0.52	ug/L			10/01/15 12:11	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/01/15 12:11	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/01/15 12:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/01/15 12:11	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/01/15 12:11	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/01/15 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*10/01/15 12:11*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*10/01/15 12:11*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/01/15 12:11*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.4**		2.0	1.0	ug/L			10/01/15 14:21	1

Client Sample ID: SGE

Lab Sample ID: 660-69507-6

Date Collected: 09/29/15 09:25
Matrix: Water
Date Received: 09/29/15 12:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			10/01/15 12:30	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/01/15 12:30	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/01/15 12:30	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/01/15 12:30	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/01/15 12:30	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/01/15 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*10/01/15 12:30*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*10/01/15 12:30*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/01/15 12:30*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.7**		2.0	1.0	ug/L			10/01/15 14:39	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-69507-7

Date Collected: 09/29/15 09:30
Matrix: Water
Date Received: 09/29/15 12:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			10/01/15 13:26	1
Benzene	0.50	U	1.0	0.50	ug/L			10/01/15 13:26	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			10/01/15 13:26	1
Bromoform	0.63	U	1.0	0.63	ug/L			10/01/15 13:26	1
Bromomethane	2.5	U	5.0	2.5	ug/L			10/01/15 13:26	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			10/01/15 13:26	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			10/01/15 13:26	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			10/01/15 13:26	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			10/01/15 13:26	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			10/01/15 13:26	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			10/01/15 13:26	1
Chloroethane	2.5	U	5.0	2.5	ug/L			10/01/15 13:26	1
Chloroform	0.90	U	1.0	0.90	ug/L			10/01/15 13:26	1
Chloromethane	1.0	U	4.0	1.0	ug/L			10/01/15 13:26	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			10/01/15 13:26	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			10/01/15 13:26	1
cis-1,2-Dichloroethene	**22**		1.0	0.65	ug/L			10/01/15 13:26	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			10/01/15 13:26	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			10/01/15 13:26	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			10/01/15 13:26	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			10/01/15 13:26	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			10/01/15 13:26	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			10/01/15 13:26	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			10/01/15 13:26	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			10/01/15 13:26	1
1,1-Dichloroethane	**8.4**		1.0	0.52	ug/L			10/01/15 13:26	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			10/01/15 13:26	1
1,1-Dichloroethene	**25**		1.0	0.67	ug/L			10/01/15 13:26	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-69507-7

Date Collected: 09/29/15 09:30

Matrix: Water

Date Received: 09/29/15 12:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			10/01/15 13:26	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			10/01/15 13:26	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			10/01/15 13:26	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			10/01/15 13:26	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			10/01/15 13:26	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/01/15 13:26	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			10/01/15 13:26	1
2-Hexanone	4.4	U	10	4.4	ug/L			10/01/15 13:26	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			10/01/15 13:26	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			10/01/15 13:26	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			10/01/15 13:26	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			10/01/15 13:26	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			10/01/15 13:26	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			10/01/15 13:26	1
Naphthalene	2.5	U	5.0	2.5	ug/L			10/01/15 13:26	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			10/01/15 13:26	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			10/01/15 13:26	1
o-Xylene	0.50	U	1.0	0.50	ug/L			10/01/15 13:26	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			10/01/15 13:26	1
Styrene	0.98	U	2.0	0.98	ug/L			10/01/15 13:26	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			10/01/15 13:26	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			10/01/15 13:26	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			10/01/15 13:26	1
Tetrachloroethene	**14**		1.0	0.50	ug/L			10/01/15 13:26	1
Toluene	0.51	U	1.0	0.51	ug/L			10/01/15 13:26	1
trans-1,2-Dichloroethene	**0.87**	**I**	1.0	0.67	ug/L			10/01/15 13:26	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/01/15 13:26	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			10/01/15 13:26	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			10/01/15 13:26	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			10/01/15 13:26	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			10/01/15 13:26	1
Trichloroethene	**19**		1.0	0.61	ug/L			10/01/15 13:26	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			10/01/15 13:26	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			10/01/15 13:26	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			10/01/15 13:26	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			10/01/15 13:26	1
Vinyl chloride	**2.9**		1.0	0.71	ug/L			10/01/15 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*10/01/15 13:26*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*10/01/15 13:26*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*10/01/15 13:26*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**59**		2.0	1.0	ug/L			10/01/15 15:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-161822/7
Matrix: Water
Analysis Batch: 161822

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			10/01/15 10:41	1
Benzene	0.50	U	1.0	0.50	ug/L			10/01/15 10:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			10/01/15 10:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			10/01/15 10:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			10/01/15 10:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			10/01/15 10:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			10/01/15 10:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			10/01/15 10:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			10/01/15 10:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			10/01/15 10:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			10/01/15 10:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			10/01/15 10:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			10/01/15 10:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			10/01/15 10:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			10/01/15 10:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			10/01/15 10:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/01/15 10:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			10/01/15 10:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			10/01/15 10:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			10/01/15 10:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			10/01/15 10:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			10/01/15 10:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			10/01/15 10:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			10/01/15 10:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			10/01/15 10:41	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			10/01/15 10:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			10/01/15 10:41	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/01/15 10:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			10/01/15 10:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			10/01/15 10:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			10/01/15 10:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			10/01/15 10:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			10/01/15 10:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/01/15 10:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			10/01/15 10:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			10/01/15 10:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			10/01/15 10:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			10/01/15 10:41	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			10/01/15 10:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			10/01/15 10:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			10/01/15 10:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			10/01/15 10:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			10/01/15 10:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			10/01/15 10:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			10/01/15 10:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			10/01/15 10:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			10/01/15 10:41	1
Styrene	0.98	U	2.0	0.98	ug/L			10/01/15 10:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-161822/7
Matrix: Water
Analysis Batch: 161822

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			10/01/15 10:41	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			10/01/15 10:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			10/01/15 10:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/01/15 10:41	1
Toluene	0.51	U	1.0	0.51	ug/L			10/01/15 10:41	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/01/15 10:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/01/15 10:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			10/01/15 10:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			10/01/15 10:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			10/01/15 10:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			10/01/15 10:41	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/01/15 10:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			10/01/15 10:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			10/01/15 10:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			10/01/15 10:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			10/01/15 10:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/01/15 10:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*10/01/15 10:41*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*10/01/15 10:41*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/01/15 10:41*	*1*

Lab Sample ID: LCS 660-161822/4
Matrix: Water
Analysis Batch: 161822

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	99.7		ug/L		100	62 - 142
Benzene	10.0	9.78		ug/L		98	68 - 134
Bromobenzene	10.0	9.75		ug/L		98	70 - 130
Bromoform	10.0	10.1		ug/L		101	65 - 130
Bromomethane	10.0	8.81		ug/L		88	22 - 150
2-Butanone (MEK)	100	79.1		ug/L		79	63 - 140
Carbon disulfide	10.0	9.88		ug/L		99	30 - 150
Carbon tetrachloride	10.0	8.59		ug/L		86	61 - 134
Chlorobenzene	10.0	9.70		ug/L		97	70 - 130
Chlorobromomethane	10.0	10.0		ug/L		100	70 - 130
Chlorodibromomethane	10.0	9.89		ug/L		99	70 - 130
Chloroethane	10.0	9.32		ug/L		93	39 - 150
Chloroform	10.0	9.93		ug/L		99	68 - 130
Chloromethane	10.0	7.96		ug/L		80	35 - 150
2-Chlorotoluene	10.0	9.74		ug/L		97	70 - 130
4-Chlorotoluene	10.0	9.83		ug/L		98	70 - 130
cis-1,2-Dichloroethene	10.0	9.79		ug/L		98	66 - 130
cis-1,3-Dichloropropene	10.0	10.2		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.73		ug/L		97	63 - 130
Dibromomethane	10.0	9.94		ug/L		99	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-161822/4
Matrix: Water
Analysis Batch: 161822

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	9.88		ug/L		99	70 - 130
1,3-Dichlorobenzene	10.0	9.88		ug/L		99	70 - 130
1,4-Dichlorobenzene	10.0	9.93		ug/L		99	70 - 130
Dichlorobromomethane	10.0	9.92		ug/L		99	70 - 130
Dichlorodifluoromethane	10.0	6.20		ug/L		62	16 - 149
1,1-Dichloroethane	10.0	9.73		ug/L		97	66 - 130
1,2-Dichloroethane	10.0	10.1		ug/L		101	70 - 130
1,1-Dichloroethene	10.0	8.50		ug/L		85	51 - 150
1,2-Dichloropropane	10.0	9.30		ug/L		93	70 - 130
1,3-Dichloropropane	10.0	10.1		ug/L		101	70 - 130
2,2-Dichloropropane	10.0	9.45		ug/L		95	66 - 134
1,1-Dichloropropene	10.0	8.56		ug/L		86	65 - 136
Ethylbenzene	10.0	8.40		ug/L		84	70 - 130
Ethylene Dibromide	10.0	10.1		ug/L		101	66 - 130
Hexachlorobutadiene	10.0	9.92		ug/L		99	62 - 143
2-Hexanone	100	78.3		ug/L		78	60 - 148
Isopropylbenzene	10.0	7.76		ug/L		78	62 - 130
4-Isopropyltoluene	10.0	7.14		ug/L		71	65 - 134
Methylene Chloride	10.0	8.87		ug/L		89	57 - 130
4-Methyl-2-pentanone (MIBK)	100	85.6		ug/L		86	64 - 137
Methyl tert-butyl ether	10.0	9.54		ug/L		95	67 - 130
Naphthalene	10.0	7.90		ug/L		79	50 - 136
n-Butylbenzene	10.0	7.41		ug/L		74	61 - 131
N-Propylbenzene	10.0	7.86		ug/L		79	67 - 130
o-Xylene	10.0	7.88		ug/L		79	69 - 130
sec-Butylbenzene	10.0	7.81		ug/L		78	68 - 133
Styrene	10.0	8.02		ug/L		80	68 - 131
tert-Butylbenzene	10.0	7.69		ug/L		77	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.68		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.0		ug/L		100	70 - 130
Tetrachloroethene	10.0	9.55		ug/L		96	50 - 143
Toluene	10.0	9.96		ug/L		100	70 - 131
trans-1,2-Dichloroethene	10.0	9.86		ug/L		99	62 - 139
trans-1,3-Dichloropropene	10.0	10.8		ug/L		108	67 - 130
1,2,3-Trichlorobenzene	10.0	9.97		ug/L		100	58 - 132
1,2,4-Trichlorobenzene	10.0	10.3		ug/L		103	66 - 130
1,1,1-Trichloroethane	10.0	9.57		ug/L		96	63 - 132
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	70 - 130
Trichloroethene	10.0	10.6		ug/L		106	63 - 139
Trichlorofluoromethane	10.0	8.51		ug/L		85	62 - 146
1,2,3-Trichloropropane	10.0	10.8		ug/L		108	66 - 130
1,2,4-Trimethylbenzene	10.0	7.61		ug/L		76	70 - 132
1,3,5-Trimethylbenzene	10.0	7.70		ug/L		77	65 - 134
Vinyl chloride	10.0	8.10		ug/L		81	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-161822/4
Matrix: Water
Analysis Batch: 161822

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: LCSD 660-161822/5
Matrix: Water
Analysis Batch: 161822

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	92.3		ug/L		92	62 - 142	8	30
Benzene			10.0	9.69		ug/L		97	68 - 134	1	30
Bromobenzene			10.0	9.46		ug/L		95	70 - 130	3	30
Bromoform			10.0	9.82		ug/L		98	65 - 130	2	30
Bromomethane			10.0	7.86		ug/L		79	22 - 150	11	30
2-Butanone (MEK)			100	78.8		ug/L		79	63 - 140	0	30
Carbon disulfide			10.0	10.1		ug/L		101	30 - 150	3	30
Carbon tetrachloride			10.0	9.30		ug/L		93	61 - 134	8	30
Chlorobenzene			10.0	9.76		ug/L		98	70 - 130	1	30
Chlorobromomethane			10.0	9.50		ug/L		95	70 - 130	6	30
Chlorodibromomethane			10.0	9.89		ug/L		99	70 - 130	0	30
Chloroethane			10.0	8.71		ug/L		87	39 - 150	7	30
Chloroform			10.0	9.39		ug/L		94	68 - 130	6	30
Chloromethane			10.0	6.98		ug/L		70	35 - 150	13	30
2-Chlorotoluene			10.0	9.78		ug/L		98	70 - 130	0	30
4-Chlorotoluene			10.0	9.86		ug/L		99	70 - 130	0	30
cis-1,2-Dichloroethene			10.0	9.32		ug/L		93	66 - 130	5	30
cis-1,3-Dichloropropene			10.0	9.47		ug/L		95	70 - 130	8	30
1,2-Dibromo-3-Chloropropane			10.0	9.94		ug/L		99	63 - 130	2	30
Dibromomethane			10.0	9.85		ug/L		98	70 - 130	1	30
1,2-Dichlorobenzene			10.0	10.0		ug/L		100	70 - 130	2	30
1,3-Dichlorobenzene			10.0	10.2		ug/L		102	70 - 130	4	30
1,4-Dichlorobenzene			10.0	10.1		ug/L		101	70 - 130	2	30
Dichlorobromomethane			10.0	9.65		ug/L		97	70 - 130	3	30
Dichlorodifluoromethane			10.0	5.73		ug/L		57	16 - 149	8	30
1,1-Dichloroethane			10.0	9.79		ug/L		98	66 - 130	1	30
1,2-Dichloroethane			10.0	9.50		ug/L		95	70 - 130	6	30
1,1-Dichloroethene			10.0	8.38		ug/L		84	51 - 150	1	30
1,2-Dichloropropane			10.0	8.72		ug/L		87	70 - 130	6	30
1,3-Dichloropropane			10.0	9.75		ug/L		98	70 - 130	4	30
2,2-Dichloropropane			10.0	9.48		ug/L		95	66 - 134	0	30
1,1-Dichloropropene			10.0	8.89		ug/L		89	65 - 136	4	30
Ethylbenzene			10.0	8.53		ug/L		85	70 - 130	2	30
Ethylene Dibromide			10.0	10.2		ug/L		102	66 - 130	1	30
Hexachlorobutadiene			10.0	10.2		ug/L		102	62 - 143	3	30
2-Hexanone			100	80.8		ug/L		81	60 - 148	3	30
Isopropylbenzene			10.0	7.76		ug/L		78	62 - 130	0	30
4-Isopropyltoluene			10.0	7.70		ug/L		77	65 - 134	8	30
Methylene Chloride			10.0	8.61		ug/L		86	57 - 130	3	30
4-Methyl-2-pentanone (MIBK)			100	85.9		ug/L		86	64 - 137	0	30
Methyl tert-butyl ether			10.0	9.19		ug/L		92	67 - 130	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-161822/5
Matrix: Water
Analysis Batch: 161822

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	7.64		ug/L		76	50 - 136	3	30
n-Butylbenzene			10.0	7.74		ug/L		77	61 - 131	4	30
N-Propylbenzene			10.0	8.08		ug/L		81	67 - 130	3	30
o-Xylene			10.0	7.90		ug/L		79	69 - 130	0	30
sec-Butylbenzene			10.0	8.27		ug/L		83	68 - 133	6	30
Styrene			10.0	7.80		ug/L		78	68 - 131	3	30
tert-Butylbenzene			10.0	8.13		ug/L		81	64 - 130	5	30
1,1,1,2-Tetrachloroethane			10.0	9.59		ug/L		96	70 - 130	1	30
1,1,2,2-Tetrachloroethane			10.0	9.99		ug/L		100	70 - 130	0	30
Tetrachloroethene			10.0	10.3		ug/L		103	50 - 143	8	30
Toluene			10.0	10.3		ug/L		103	70 - 131	3	30
trans-1,2-Dichloroethene			10.0	9.94		ug/L		99	62 - 139	1	30
trans-1,3-Dichloropropene			10.0	10.5		ug/L		105	67 - 130	4	30
1,2,3-Trichlorobenzene			10.0	9.62		ug/L		96	58 - 132	4	30
1,2,4-Trichlorobenzene			10.0	9.92		ug/L		99	66 - 130	4	30
1,1,1-Trichloroethane			10.0	9.59		ug/L		96	63 - 132	0	30
1,1,2-Trichloroethane			10.0	10.1		ug/L		101	70 - 130	2	30
Trichloroethene			10.0	9.85		ug/L		99	63 - 139	7	30
Trichlorofluoromethane			10.0	8.77		ug/L		88	62 - 146	3	30
1,2,3-Trichloropropane			10.0	11.1		ug/L		111	66 - 130	3	30
1,2,4-Trimethylbenzene			10.0	7.73		ug/L		77	70 - 132	1	30
1,3,5-Trimethylbenzene			10.0	7.98		ug/L		80	65 - 134	4	30
Vinyl chloride			10.0	7.62		ug/L		76	48 - 147	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-69507-3 MS
Matrix: Water
Analysis Batch: 161822

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	17	I	100	81.2		ug/L		64	62 - 142
Benzene	0.50	U	10.0	9.00		ug/L		90	68 - 134
Bromobenzene	0.58	U	10.0	8.80		ug/L		88	70 - 130
Bromoform	0.63	U	10.0	8.84		ug/L		88	65 - 130
Bromomethane	2.5	U	10.0	9.13		ug/L		91	22 - 150
2-Butanone (MEK)	8.4	U	100	64.8		ug/L		65	63 - 140
Carbon disulfide	1.0	U	10.0	8.68		ug/L		87	30 - 150
Carbon tetrachloride	0.43	U	10.0	8.21		ug/L		82	61 - 134
Chlorobenzene	0.63	U	10.0	9.36		ug/L		94	70 - 130
Chlorobromomethane	0.58	U	10.0	9.46		ug/L		95	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.27		ug/L		93	70 - 130
Chloroethane	2.5	U	10.0	7.60		ug/L		76	39 - 150
Chloroform	0.90	U	10.0	8.44		ug/L		84	68 - 130
Chloromethane	1.0	U	10.0	6.15		ug/L		61	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-69507-3 MS
Matrix: Water
Analysis Batch: 161822

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	8.93		ug/L		89	70 - 130
4-Chlorotoluene	0.52	U	10.0	8.95		ug/L		89	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.11		ug/L		91	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	8.82		ug/L		88	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.64		ug/L		86	63 - 130
Dibromomethane	0.46	U	10.0	9.47		ug/L		95	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.16		ug/L		92	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.20		ug/L		92	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.59		ug/L		96	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.97		ug/L		90	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	4.83	I	ug/L		48	16 - 149
1,1-Dichloroethane	4.5		10.0	13.3		ug/L		87	66 - 130
1,2-Dichloroethane	0.57	U	10.0	8.58		ug/L		86	70 - 130
1,1-Dichloroethene	0.67	U	10.0	7.61		ug/L		76	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.55		ug/L		85	70 - 130
1,3-Dichloropropane	0.42	U	10.0	8.92		ug/L		89	70 - 130
2,2-Dichloropropane	0.36	U	10.0	8.56		ug/L		86	66 - 134
1,1-Dichloropropene	0.65	U	10.0	7.74		ug/L		77	65 - 136
Ethylbenzene	0.44	U	10.0	7.82		ug/L		78	70 - 130
Ethylene Dibromide	0.50	U	10.0	9.29		ug/L		93	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.82		ug/L		98	62 - 143
2-Hexanone	4.4	U	100	64.0		ug/L		64	60 - 148
Isopropylbenzene	0.52	U	10.0	6.99		ug/L		70	62 - 130
4-Isopropyltoluene	0.69	U	10.0	6.85		ug/L		69	65 - 134
Methylene Chloride	4.0	U	10.0	8.48		ug/L		85	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	69.1		ug/L		69	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	7.91		ug/L		79	67 - 130
Naphthalene	2.5	U	10.0	6.69		ug/L		67	50 - 136
n-Butylbenzene	0.67	U	10.0	6.88		ug/L		69	61 - 131
N-Propylbenzene	0.59	U	10.0	7.33		ug/L		73	67 - 130
o-Xylene	0.50	U	10.0	7.19		ug/L		72	69 - 130
sec-Butylbenzene	0.63	U	10.0	7.16		ug/L		72	68 - 133
Styrene	0.98	U	10.0	6.90		ug/L		69	68 - 131
tert-Butylbenzene	0.84	U	10.0	7.19		ug/L		72	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.41		ug/L		94	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.04		ug/L		90	70 - 130
Tetrachloroethene	0.54	I	10.0	10.0		ug/L		95	50 - 143
Toluene	0.51	U	10.0	9.22		ug/L		92	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.16		ug/L		92	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.37		ug/L		94	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.81		ug/L		88	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.65		ug/L		86	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.21		ug/L		92	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.56		ug/L		96	70 - 130
Trichloroethene	0.65	I	10.0	10.1		ug/L		95	63 - 139
Trichlorofluoromethane	2.5	U	10.0	7.41		ug/L		74	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.21		ug/L		92	66 - 130
1,2,4-Trimethylbenzene	0.86	U J3	10.0	6.81	J3	ug/L		68	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-69507-3 MS
Matrix: Water
Analysis Batch: 161822

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	6.95		ug/L		70	65 - 134
Vinyl chloride	0.71	U	10.0	5.67		ug/L		57	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-69507-2 DU
Matrix: Water
Analysis Batch: 161822

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	18	I	16.2	I	ug/L		9	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	4.1		4.30		ug/L		6	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-69507-2 DU
Matrix: Water
Analysis Batch: 161822

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-161833/7
Matrix: Water
Analysis Batch: 161833

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			10/01/15 12:15	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-161833/4
Matrix: Water
Analysis Batch: 161833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.13		ug/L		81	50 - 150

Lab Sample ID: LCSD 660-161833/5
Matrix: Water
Analysis Batch: 161833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	6.79		ug/L		68	50 - 150	18	50

Lab Sample ID: 660-69507-2 MS
Matrix: Water
Analysis Batch: 161833

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	3.1		10.0	10.8		ug/L		77	50 - 150

Lab Sample ID: 660-69507-2 MSD
Matrix: Water
Analysis Batch: 161833

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	3.1		10.0	10.1		ug/L		71	50 - 150	6	50

GC/MS VOA

Analysis Batch: 161822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-69507-1	AOP Feed	Total/NA	Water	8260B	
660-69507-2	AOP-A effluent	Total/NA	Water	8260B	
660-69507-2 DU	AOP-A effluent	Total/NA	Water	8260B	
660-69507-3	AOP-B effluent	Total/NA	Water	8260B	
660-69507-3 MS	AOP-B effluent	Total/NA	Water	8260B	
660-69507-4	AOP-C Effluent	Total/NA	Water	8260B	
660-69507-5	PGE	Total/NA	Water	8260B	
660-69507-6	SGE	Total/NA	Water	8260B	
660-69507-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-161822/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-161822/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-161822/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 161833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-69507-1	AOP Feed	Total/NA	Water	8260C SIM	
660-69507-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-69507-2 MS	AOP-A effluent	Total/NA	Water	8260C SIM	
660-69507-2 MSD	AOP-A effluent	Total/NA	Water	8260C SIM	
660-69507-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-69507-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-69507-5	PGE	Total/NA	Water	8260C SIM	
660-69507-6	SGE	Total/NA	Water	8260C SIM	
660-69507-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-161833/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-161833/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-161833/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: AOP Feed
Lab Sample ID: 660-69507-1
Date Collected: 09/29/15 09:00
Matrix: Water
Date Received: 09/29/15 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161822	10/01/15 13:07	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	161833	10/01/15 14:58	TGP	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-69507-2
Date Collected: 09/29/15 09:05
Matrix: Water
Date Received: 09/29/15 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161822	10/01/15 11:16	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	161833	10/01/15 12:33	TGP	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-69507-3
Date Collected: 09/29/15 09:10
Matrix: Water
Date Received: 09/29/15 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161822	10/01/15 11:34	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	161833	10/01/15 13:45	TGP	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-69507-4
Date Collected: 09/29/15 09:15
Matrix: Water
Date Received: 09/29/15 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161822	10/01/15 11:53	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	161833	10/01/15 14:03	TGP	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-69507-5
Date Collected: 09/29/15 09:20
Matrix: Water
Date Received: 09/29/15 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161822	10/01/15 12:11	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	161833	10/01/15 14:21	TGP	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-69507-6
Date Collected: 09/29/15 09:25
Matrix: Water
Date Received: 09/29/15 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161822	10/01/15 12:30	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Process Sampling

TestAmerica Job ID: 660-69507-1
SDG: Tallevast

Client Sample ID: SGE

Lab Sample ID: 660-69507-6

Date Collected: 09/29/15 09:25
Matrix: Water
Date Received: 09/29/15 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	161833	10/01/15 14:39	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-69507-7

Date Collected: 09/29/15 09:30
Matrix: Water
Date Received: 09/29/15 12:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	161822	10/01/15 13:26	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	161833	10/01/15 15:16	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Process Sampling

TestAmerica Job ID: 660-69507-1
SDG: Tallevast

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Process Sampling

TestAmerica Job ID: 660-69507-1
SDG: Tallevast

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

10/1/2015

Client Information	Sampler:	Lab PM: Sherry Salomon	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: sherry.salomon@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 59731 60313454 03.09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Sampling	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A			
AOP Feed	9/29/15	9:00	G	Water	N	N	2	2			Inf total - 170,187,000
AOP-A effluent	9/29/15	0905	G	Water	N	N	2	2			inf flow @ 160
AOP-B effluent	9/29/15	0910	G	Water	N	N	2	2			A@ 62
AOP-C Effluent	9/29/15	0915	G	Water	N	N	2	2			B@ 55
PGE	9/29/15	0920	G	Water	N	N	2	2			C@ 42
SGE	9/29/15	0925	G	Water	N	N	2	2			
Combined Influent	9/29/15	0930	G	Water	N	N		2	2		

660-69507 Chain of Custody

Loc: 660
69507

Possible Hazard Identification
☐ X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1					9-29-15 1400	AECOM
2		9-29-15 1155	AECOM		9-29-15@ 1155	TA TPA
3		9-29-15@ 1210	TA TPA		9-29-15 1210	TA TPA

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 1.8 / 1.4 CU-09

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-69507-1
SDG Number: Tallevast

Login Number: 69507
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-69705-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Sherry M Salomon

Authorized for release by:
10/12/2015 1:07:49 PM

Sherry Salomon, Manager of Project Management Assistants
(615)301-5033
sherry.salomon@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-69705-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-69705-1	AOP Feed	Water	10/08/15 09:00	10/08/15 13:20
660-69705-2	AOP-A effluent	Water	10/08/15 09:05	10/08/15 13:20
660-69705-3	AOP-B effluent	Water	10/08/15 09:10	10/08/15 13:20
660-69705-4	AOP-C Effluent	Water	10/08/15 09:15	10/08/15 13:20
660-69705-5	PGE	Water	10/08/15 09:20	10/08/15 13:20
660-69705-6	SGE	Water	10/08/15 09:25	10/08/15 13:20
660-69705-7	Combined Influent	Water	10/08/15 09:30	10/08/15 13:20

Job ID: 660-69705-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-69705-1

Comments
No additional comments.

Receipt
The samples were received on 10/8/2015 at 1:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.9º C.

GC/MS VOA
Method(s) 8260C SIM: The following sample was anlayzed 4 minutes beyond the 12 hour tune window: Combined Influent (660-69705-7). This result matches historical data, therefore it has been reported without re-analysis.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-69705-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-69705-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-69705-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.6		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	18		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	0.87	I	1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	58		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-69705-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.7		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.53	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-69705-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.9		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.74	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	0.73	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-69705-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.9		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.75	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	0.64	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-69705-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-69705-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-69705-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	24		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	13		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.72	I	1.0	0.67	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-69705-1

Client Sample ID: Combined Influent (Continued)

Lab Sample ID: 660-69705-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	20		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.1		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	57		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-69705-1
Date Collected: 10/08/15 09:00
Matrix: Water
Date Received: 10/08/15 13:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**6.5**		1.0	0.52	ug/L			10/10/15 16:22	1
1,1-Dichloroethene	**9.6**		1.0	0.67	ug/L			10/10/15 16:22	1
cis-1,2-Dichloroethene	**18**		1.0	0.65	ug/L			10/10/15 16:22	1
Tetrachloroethene	**6.9**		1.0	0.50	ug/L			10/10/15 16:22	1
Trichloroethene	**13**		1.0	0.61	ug/L			10/10/15 16:22	1
Vinyl chloride	**0.87**	**I**	1.0	0.71	ug/L			10/10/15 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*10/10/15 16:22*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*10/10/15 16:22*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/10/15 16:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**58**		2.0	1.0	ug/L			10/08/15 19:26	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-69705-2
Date Collected: 10/08/15 09:05
Matrix: Water
Date Received: 10/08/15 13:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.7**		1.0	0.52	ug/L			10/10/15 13:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/10/15 13:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/10/15 13:34	1
Tetrachloroethene	**0.53**	**I**	1.0	0.50	ug/L			10/10/15 13:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/10/15 13:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/10/15 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*10/10/15 13:34*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*10/10/15 13:34*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/10/15 13:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.9**		2.0	1.0	ug/L			10/08/15 17:56	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-69705-3
Date Collected: 10/08/15 09:10
Matrix: Water
Date Received: 10/08/15 13:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.9**		1.0	0.52	ug/L			10/10/15 13:53	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/10/15 13:53	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/10/15 13:53	1
Tetrachloroethene	**0.74**	**I**	1.0	0.50	ug/L			10/10/15 13:53	1
Trichloroethene	**0.73**	**I**	1.0	0.61	ug/L			10/10/15 13:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/10/15 13:53	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-69705-3
Matrix: Water
Date Collected: 10/08/15 09:10
Date Received: 10/08/15 13:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*100*		*70 - 130*		*10/10/15 13:53*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*10/10/15 13:53*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/10/15 13:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.6**		2.0	1.0	ug/L			10/08/15 18:14	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-69705-4
Matrix: Water
Date Collected: 10/08/15 09:15
Date Received: 10/08/15 13:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.9**		1.0	0.52	ug/L			10/10/15 15:08	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/10/15 15:08	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/10/15 15:08	1
Tetrachloroethene	**0.75**	**I**	1.0	0.50	ug/L			10/10/15 15:08	1
Trichloroethene	**0.64**	**I**	1.0	0.61	ug/L			10/10/15 15:08	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/10/15 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*101*		*70 - 130*		*10/10/15 15:08*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*10/10/15 15:08*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/10/15 15:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.1**		2.0	1.0	ug/L			10/08/15 18:32	1

Client Sample ID: PGE

Lab Sample ID: 660-69705-5
Matrix: Water
Date Collected: 10/08/15 09:20
Date Received: 10/08/15 13:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**1.7**		1.0	0.52	ug/L			10/10/15 15:26	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/10/15 15:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/10/15 15:26	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/10/15 15:26	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/10/15 15:26	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/10/15 15:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*101*		*70 - 130*		*10/10/15 15:26*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*10/10/15 15:26*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/10/15 15:26*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.7**		2.0	1.0	ug/L			10/08/15 18:50	1

Client Sample ID: SGE

Lab Sample ID: 660-69705-6

Date Collected: 10/08/15 09:25

Matrix: Water

Date Received: 10/08/15 13:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			10/10/15 15:45	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/10/15 15:45	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/10/15 15:45	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/10/15 15:45	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/10/15 15:45	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/10/15 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*10/10/15 15:45*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*10/10/15 15:45*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/10/15 15:45*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.3**		2.0	1.0	ug/L			10/08/15 19:08	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-69705-7

Date Collected: 10/08/15 09:30

Matrix: Water

Date Received: 10/08/15 13:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			10/10/15 16:41	1
Benzene	0.50	U	1.0	0.50	ug/L			10/10/15 16:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			10/10/15 16:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			10/10/15 16:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			10/10/15 16:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			10/10/15 16:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			10/10/15 16:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			10/10/15 16:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			10/10/15 16:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			10/10/15 16:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			10/10/15 16:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			10/10/15 16:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			10/10/15 16:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			10/10/15 16:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			10/10/15 16:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			10/10/15 16:41	1
cis-1,2-Dichloroethene	**22**		1.0	0.65	ug/L			10/10/15 16:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			10/10/15 16:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			10/10/15 16:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			10/10/15 16:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			10/10/15 16:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			10/10/15 16:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			10/10/15 16:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			10/10/15 16:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			10/10/15 16:41	1
1,1-Dichloroethane	**8.6**		1.0	0.52	ug/L			10/10/15 16:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			10/10/15 16:41	1
1,1-Dichloroethene	**24**		1.0	0.67	ug/L			10/10/15 16:41	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-69705-7

Date Collected: 10/08/15 09:30

Matrix: Water

Date Received: 10/08/15 13:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			10/10/15 16:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			10/10/15 16:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			10/10/15 16:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			10/10/15 16:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			10/10/15 16:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/10/15 16:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			10/10/15 16:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			10/10/15 16:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			10/10/15 16:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			10/10/15 16:41	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			10/10/15 16:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			10/10/15 16:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			10/10/15 16:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			10/10/15 16:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			10/10/15 16:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			10/10/15 16:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			10/10/15 16:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			10/10/15 16:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			10/10/15 16:41	1
Styrene	0.98	U	2.0	0.98	ug/L			10/10/15 16:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			10/10/15 16:41	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			10/10/15 16:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			10/10/15 16:41	1
Tetrachloroethene	**13**		1.0	0.50	ug/L			10/10/15 16:41	1
Toluene	0.51	U	1.0	0.51	ug/L			10/10/15 16:41	1
trans-1,2-Dichloroethene	**0.72**	**I**	1.0	0.67	ug/L			10/10/15 16:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/10/15 16:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			10/10/15 16:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			10/10/15 16:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			10/10/15 16:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			10/10/15 16:41	1
Trichloroethene	**20**		1.0	0.61	ug/L			10/10/15 16:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			10/10/15 16:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			10/10/15 16:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			10/10/15 16:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			10/10/15 16:41	1
Vinyl chloride	**3.1**		1.0	0.71	ug/L			10/10/15 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*10/10/15 16:41*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*10/10/15 16:41*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/10/15 16:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**57**		2.0	1.0	ug/L			10/08/15 19:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-69705-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-162177/8
Matrix: Water
Analysis Batch: 162177

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			10/10/15 13:10	1
Benzene	0.50	U	1.0	0.50	ug/L			10/10/15 13:10	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			10/10/15 13:10	1
Bromoform	0.63	U	1.0	0.63	ug/L			10/10/15 13:10	1
Bromomethane	2.5	U	5.0	2.5	ug/L			10/10/15 13:10	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			10/10/15 13:10	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			10/10/15 13:10	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			10/10/15 13:10	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			10/10/15 13:10	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			10/10/15 13:10	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			10/10/15 13:10	1
Chloroethane	2.5	U	5.0	2.5	ug/L			10/10/15 13:10	1
Chloroform	0.90	U	1.0	0.90	ug/L			10/10/15 13:10	1
Chloromethane	1.0	U	4.0	1.0	ug/L			10/10/15 13:10	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			10/10/15 13:10	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			10/10/15 13:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/10/15 13:10	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			10/10/15 13:10	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			10/10/15 13:10	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			10/10/15 13:10	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			10/10/15 13:10	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			10/10/15 13:10	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			10/10/15 13:10	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			10/10/15 13:10	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			10/10/15 13:10	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			10/10/15 13:10	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			10/10/15 13:10	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/10/15 13:10	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			10/10/15 13:10	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			10/10/15 13:10	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			10/10/15 13:10	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			10/10/15 13:10	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			10/10/15 13:10	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/10/15 13:10	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			10/10/15 13:10	1
2-Hexanone	4.4	U	10	4.4	ug/L			10/10/15 13:10	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			10/10/15 13:10	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			10/10/15 13:10	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			10/10/15 13:10	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			10/10/15 13:10	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			10/10/15 13:10	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			10/10/15 13:10	1
Naphthalene	2.5	U	5.0	2.5	ug/L			10/10/15 13:10	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			10/10/15 13:10	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			10/10/15 13:10	1
o-Xylene	0.50	U	1.0	0.50	ug/L			10/10/15 13:10	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			10/10/15 13:10	1
Styrene	0.98	U	2.0	0.98	ug/L			10/10/15 13:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-162177/8
Matrix: Water
Analysis Batch: 162177

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			10/10/15 13:10	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			10/10/15 13:10	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			10/10/15 13:10	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/10/15 13:10	1
Toluene	0.51	U	1.0	0.51	ug/L			10/10/15 13:10	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/10/15 13:10	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/10/15 13:10	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			10/10/15 13:10	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			10/10/15 13:10	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			10/10/15 13:10	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			10/10/15 13:10	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/10/15 13:10	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			10/10/15 13:10	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			10/10/15 13:10	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			10/10/15 13:10	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			10/10/15 13:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/10/15 13:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*10/10/15 13:10*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*10/10/15 13:10*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/10/15 13:10*	*1*

Lab Sample ID: LCS 660-162177/5
Matrix: Water
Analysis Batch: 162177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	88.8		ug/L		89	62 - 142
Benzene	10.0	10.2		ug/L		102	68 - 134
Bromobenzene	10.0	10.9		ug/L		109	70 - 130
Bromoform	10.0	11.2		ug/L		112	65 - 130
Bromomethane	10.0	10.7		ug/L		107	22 - 150
2-Butanone (MEK)	100	73.8		ug/L		74	63 - 140
Carbon disulfide	10.0	10.6		ug/L		106	30 - 150
Carbon tetrachloride	10.0	9.86		ug/L		99	61 - 134
Chlorobenzene	10.0	10.2		ug/L		102	70 - 130
Chlorobromomethane	10.0	10.6		ug/L		106	70 - 130
Chlorodibromomethane	10.0	11.2		ug/L		112	70 - 130
Chloroethane	10.0	9.06		ug/L		91	39 - 150
Chloroform	10.0	10.1		ug/L		101	68 - 130
Chloromethane	10.0	7.01		ug/L		70	35 - 150
2-Chlorotoluene	10.0	10.9		ug/L		109	70 - 130
4-Chlorotoluene	10.0	10.7		ug/L		107	70 - 130
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	66 - 130
cis-1,3-Dichloropropene	10.0	10.7		ug/L		107	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	11.9		ug/L		119	63 - 130
Dibromomethane	10.0	11.1		ug/L		111	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-162177/5
Matrix: Water
Analysis Batch: 162177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.7		ug/L		107	70 - 130
1,3-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
1,4-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
Dichlorobromomethane	10.0	10.8		ug/L		108	70 - 130
Dichlorodifluoromethane	10.0	5.93		ug/L		59	16 - 149
1,1-Dichloroethane	10.0	10.1		ug/L		101	66 - 130
1,2-Dichloroethane	10.0	10.7		ug/L		107	70 - 130
1,1-Dichloroethene	10.0	8.43		ug/L		84	51 - 150
1,2-Dichloropropane	10.0	9.81		ug/L		98	70 - 130
1,3-Dichloropropane	10.0	10.7		ug/L		107	70 - 130
2,2-Dichloropropane	10.0	10.7		ug/L		107	66 - 134
1,1-Dichloropropene	10.0	9.18		ug/L		92	65 - 136
Ethylbenzene	10.0	8.96		ug/L		90	70 - 130
Ethylene Dibromide	10.0	11.1		ug/L		111	66 - 130
Hexachlorobutadiene	10.0	11.9		ug/L		119	62 - 143
2-Hexanone	100	80.7		ug/L		81	60 - 148
Isopropylbenzene	10.0	8.36		ug/L		84	62 - 130
4-Isopropyltoluene	10.0	8.05		ug/L		81	65 - 134
Methylene Chloride	10.0	10.0		ug/L		100	57 - 130
4-Methyl-2-pentanone (MIBK)	100	90.8		ug/L		91	64 - 137
Methyl tert-butyl ether	10.0	10.4		ug/L		104	67 - 130
Naphthalene	10.0	8.73		ug/L		87	50 - 136
n-Butylbenzene	10.0	7.97		ug/L		80	61 - 131
N-Propylbenzene	10.0	8.42		ug/L		84	67 - 130
o-Xylene	10.0	8.85		ug/L		88	69 - 130
sec-Butylbenzene	10.0	8.55		ug/L		85	68 - 133
Styrene	10.0	8.46		ug/L		85	68 - 131
tert-Butylbenzene	10.0	8.95		ug/L		90	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.6		ug/L		106	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.6		ug/L		106	70 - 130
Tetrachloroethene	10.0	11.1		ug/L		111	50 - 143
Toluene	10.0	10.7		ug/L		107	70 - 131
trans-1,2-Dichloroethene	10.0	10.7		ug/L		107	62 - 139
trans-1,3-Dichloropropene	10.0	11.8		ug/L		118	67 - 130
1,2,3-Trichlorobenzene	10.0	11.1		ug/L		111	58 - 132
1,2,4-Trichlorobenzene	10.0	10.9		ug/L		109	66 - 130
1,1,1-Trichloroethane	10.0	10.7		ug/L		107	63 - 132
1,1,2-Trichloroethane	10.0	12.0		ug/L		120	70 - 130
Trichloroethene	10.0	10.6		ug/L		106	63 - 139
Trichlorofluoromethane	10.0	9.56		ug/L		96	62 - 146
1,2,3-Trichloropropane	10.0	11.4		ug/L		114	66 - 130
1,2,4-Trimethylbenzene	10.0	8.68		ug/L		87	70 - 132
1,3,5-Trimethylbenzene	10.0	8.65		ug/L		86	65 - 134
Vinyl chloride	10.0	7.75		ug/L		77	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-162177/5
Matrix: Water
Analysis Batch: 162177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: LCSD 660-162177/6
Matrix: Water
Analysis Batch: 162177

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	80.2		ug/L		80	62 - 142	10	30
Benzene			10.0	10.9		ug/L		109	68 - 134	7	30
Bromobenzene			10.0	10.6		ug/L		106	70 - 130	3	30
Bromoform			10.0	11.7		ug/L		117	65 - 130	5	30
Bromomethane			10.0	10.5		ug/L		105	22 - 150	2	30
2-Butanone (MEK)			100	72.7		ug/L		73	63 - 140	1	30
Carbon disulfide			10.0	10.7		ug/L		107	30 - 150	0	30
Carbon tetrachloride			10.0	10.6		ug/L		106	61 - 134	7	30
Chlorobenzene			10.0	10.7		ug/L		107	70 - 130	4	30
Chlorobromomethane			10.0	11.2		ug/L		112	70 - 130	6	30
Chlorodibromomethane			10.0	11.5		ug/L		115	70 - 130	3	30
Chloroethane			10.0	9.21		ug/L		92	39 - 150	2	30
Chloroform			10.0	10.6		ug/L		106	68 - 130	5	30
Chloromethane			10.0	6.67		ug/L		67	35 - 150	5	30
2-Chlorotoluene			10.0	11.1		ug/L		111	70 - 130	2	30
4-Chlorotoluene			10.0	11.1		ug/L		111	70 - 130	3	30
cis-1,2-Dichloroethene			10.0	10.3		ug/L		103	66 - 130	2	30
cis-1,3-Dichloropropene			10.0	11.2		ug/L		112	70 - 130	5	30
1,2-Dibromo-3-Chloropropane			10.0	11.9		ug/L		119	63 - 130	0	30
Dibromomethane			10.0	10.9		ug/L		109	70 - 130	2	30
1,2-Dichlorobenzene			10.0	10.8		ug/L		108	70 - 130	0	30
1,3-Dichlorobenzene			10.0	11.3		ug/L		113	70 - 130	4	30
1,4-Dichlorobenzene			10.0	10.6		ug/L		106	70 - 130	3	30
Dichlorobromomethane			10.0	11.0		ug/L		110	70 - 130	2	30
Dichlorodifluoromethane			10.0	5.75		ug/L		57	16 - 149	3	30
1,1-Dichloroethane			10.0	9.94		ug/L		99	66 - 130	2	30
1,2-Dichloroethane			10.0	10.9		ug/L		109	70 - 130	1	30
1,1-Dichloroethene			10.0	9.22		ug/L		92	51 - 150	9	30
1,2-Dichloropropane			10.0	9.75		ug/L		97	70 - 130	1	30
1,3-Dichloropropane			10.0	11.0		ug/L		110	70 - 130	3	30
2,2-Dichloropropane			10.0	11.2		ug/L		112	66 - 134	4	30
1,1-Dichloropropene			10.0	9.79		ug/L		98	65 - 136	6	30
Ethylbenzene			10.0	9.80		ug/L		98	70 - 130	9	30
Ethylene Dibromide			10.0	11.7		ug/L		117	66 - 130	6	30
Hexachlorobutadiene			10.0	12.2		ug/L		122	62 - 143	2	30
2-Hexanone			100	80.1		ug/L		80	60 - 148	1	30
Isopropylbenzene			10.0	8.95		ug/L		89	62 - 130	7	30
4-Isopropyltoluene			10.0	8.63		ug/L		86	65 - 134	7	30
Methylene Chloride			10.0	9.75		ug/L		98	57 - 130	3	30
4-Methyl-2-pentanone (MIBK)			100	86.3		ug/L		86	64 - 137	5	30
Methyl tert-butyl ether			10.0	10.4		ug/L		104	67 - 130	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-162177/6
Matrix: Water
Analysis Batch: 162177

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	8.74		ug/L		87	50 - 136	0	30
n-Butylbenzene			10.0	8.66		ug/L		87	61 - 131	8	30
N-Propylbenzene			10.0	9.01		ug/L		90	67 - 130	7	30
o-Xylene			10.0	9.28		ug/L		93	69 - 130	5	30
sec-Butylbenzene			10.0	9.02		ug/L		90	68 - 133	5	30
Styrene			10.0	8.71		ug/L		87	68 - 131	3	30
tert-Butylbenzene			10.0	9.41		ug/L		94	64 - 130	5	30
1,1,1,2-Tetrachloroethane			10.0	10.6		ug/L		106	70 - 130	0	30
1,1,2,2-Tetrachloroethane			10.0	11.3		ug/L		113	70 - 130	6	30
Tetrachloroethene			10.0	12.2		ug/L		122	50 - 143	9	30
Toluene			10.0	11.1		ug/L		111	70 - 131	3	30
trans-1,2-Dichloroethene			10.0	10.6		ug/L		106	62 - 139	1	30
trans-1,3-Dichloropropene			10.0	12.6		ug/L		126	67 - 130	6	30
1,2,3-Trichlorobenzene			10.0	11.7		ug/L		117	58 - 132	6	30
1,2,4-Trichlorobenzene			10.0	11.4		ug/L		114	66 - 130	4	30
1,1,1-Trichloroethane			10.0	11.8		ug/L		118	63 - 132	10	30
1,1,2-Trichloroethane			10.0	11.0		ug/L		110	70 - 130	9	30
Trichloroethene			10.0	11.1		ug/L		111	63 - 139	4	30
Trichlorofluoromethane			10.0	9.16		ug/L		92	62 - 146	4	30
1,2,3-Trichloropropane			10.0	11.8		ug/L		118	66 - 130	4	30
1,2,4-Trimethylbenzene			10.0	8.79		ug/L		88	70 - 132	1	30
1,3,5-Trimethylbenzene			10.0	8.97		ug/L		90	65 - 134	4	30
Vinyl chloride			10.0	7.43		ug/L		74	48 - 147	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-69705-3 MS
Matrix: Water
Analysis Batch: 162177

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	16	I	100	85.1		ug/L		70	62 - 142
Benzene	0.50	U	10.0	9.95		ug/L		99	68 - 134
Bromobenzene	0.58	U	10.0	9.78		ug/L		98	70 - 130
Bromoform	0.63	U	10.0	9.69		ug/L		97	65 - 130
Bromomethane	2.5	U	10.0	9.21		ug/L		92	22 - 150
2-Butanone (MEK)	8.4	U J3	100	62.1	J3	ug/L		62	63 - 140
Carbon disulfide	1.0	U	10.0	9.30		ug/L		93	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.72		ug/L		97	61 - 134
Chlorobenzene	0.63	U	10.0	9.80		ug/L		98	70 - 130
Chlorobromomethane	0.58	U	10.0	9.78		ug/L		98	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.9		ug/L		109	70 - 130
Chloroethane	2.5	U	10.0	7.66		ug/L		77	39 - 150
Chloroform	0.90	U	10.0	9.71		ug/L		97	68 - 130
Chloromethane	1.0	U	10.0	5.59		ug/L		56	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-69705-3 MS
Matrix: Water
Analysis Batch: 162177

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	9.83		ug/L		98	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.68		ug/L		97	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.59		ug/L		96	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.68		ug/L		97	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.4		ug/L		104	63 - 130
Dibromomethane	0.46	U	10.0	9.76		ug/L		98	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.72		ug/L		97	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.3		ug/L		103	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.99		ug/L		100	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.1		ug/L		101	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	4.98	I	ug/L		50	16 - 149
1,1-Dichloroethane	4.9		10.0	14.1		ug/L		92	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.75		ug/L		97	70 - 130
1,1-Dichloroethene	0.67	U	10.0	8.28		ug/L		83	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.91		ug/L		89	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.0		ug/L		100	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.3		ug/L		103	66 - 134
1,1-Dichloropropene	0.65	U	10.0	8.83		ug/L		88	65 - 136
Ethylbenzene	0.44	U	10.0	8.75		ug/L		87	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.6		ug/L		106	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.5		ug/L		105	62 - 143
2-Hexanone	4.4	U	100	67.3		ug/L		67	60 - 148
Isopropylbenzene	0.52	U	10.0	7.71		ug/L		77	62 - 130
4-Isopropyltoluene	0.69	U	10.0	7.51		ug/L		75	65 - 134
Methylene Chloride	4.0	U	10.0	8.43		ug/L		84	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	74.3		ug/L		74	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.14		ug/L		91	67 - 130
Naphthalene	2.5	U	10.0	7.28		ug/L		73	50 - 136
n-Butylbenzene	0.67	U	10.0	7.62		ug/L		76	61 - 131
N-Propylbenzene	0.59	U	10.0	7.86		ug/L		79	67 - 130
o-Xylene	0.50	U	10.0	8.19		ug/L		82	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.00		ug/L		80	68 - 133
Styrene	0.98	U	10.0	7.72		ug/L		77	68 - 131
tert-Butylbenzene	0.84	U	10.0	8.06		ug/L		81	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.3		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.47		ug/L		95	70 - 130
Tetrachloroethene	0.74	I	10.0	11.1		ug/L		103	50 - 143
Toluene	0.51	U	10.0	10.2		ug/L		102	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.51		ug/L		95	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	11.1		ug/L		111	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.96		ug/L		100	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.96		ug/L		100	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.2		ug/L		102	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.1		ug/L		101	70 - 130
Trichloroethene	0.73	I	10.0	10.8		ug/L		101	63 - 139
Trichlorofluoromethane	2.5	U	10.0	7.91		ug/L		79	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.59		ug/L		96	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	7.75		ug/L		78	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-69705-3 MS
Matrix: Water
Analysis Batch: 162177

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	7.83		ug/L		78	65 - 134
Vinyl chloride	0.71	U	10.0	6.13		ug/L		61	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-69705-2 DU
Matrix: Water
Analysis Batch: 162177

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	20		16.2	I	ug/L		20	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	4.7		5.00		ug/L		6	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-69705-2 DU
Matrix: Water
Analysis Batch: 162177

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.53	I		0.538	I	ug/L				0.9	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-162071/7
Matrix: Water
Analysis Batch: 162071

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			10/08/15 09:34	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-162071/4
Matrix: Water
Analysis Batch: 162071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	7.31		ug/L		73	50 - 150		

Lab Sample ID: LCSD 660-162071/5
Matrix: Water
Analysis Batch: 162071

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.49		ug/L		85	50 - 150	15	50

Lab Sample ID: 680-117482-H-4 MS
Matrix: Water
Analysis Batch: 162071

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	8.95		ug/L		90	50 - 150		

Lab Sample ID: 680-117482-H-4 MSD
Matrix: Water
Analysis Batch: 162071

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	9.19		ug/L		92	50 - 150	3	50

GC/MS VOA

Analysis Batch: 162071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-69705-1	AOP Feed	Total/NA	Water	8260C SIM	
660-69705-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-69705-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-69705-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-69705-5	PGE	Total/NA	Water	8260C SIM	
660-69705-6	SGE	Total/NA	Water	8260C SIM	
660-69705-7	Combined Influent	Total/NA	Water	8260C SIM	
680-117482-H-4 MS	Matrix Spike	Total/NA	Water	8260C SIM	
680-117482-H-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
LCS 660-162071/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-162071/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-162071/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 162177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-69705-1	AOP Feed	Total/NA	Water	8260B	
660-69705-2	AOP-A effluent	Total/NA	Water	8260B	
660-69705-2 DU	AOP-A effluent	Total/NA	Water	8260B	
660-69705-3	AOP-B effluent	Total/NA	Water	8260B	
660-69705-3 MS	AOP-B effluent	Total/NA	Water	8260B	
660-69705-4	AOP-C Effluent	Total/NA	Water	8260B	
660-69705-5	PGE	Total/NA	Water	8260B	
660-69705-6	SGE	Total/NA	Water	8260B	
660-69705-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-162177/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-162177/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-162177/8	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-69705-1

Client Sample ID: AOP Feed
Lab Sample ID: 660-69705-1
Date Collected: 10/08/15 09:00
Matrix: Water
Date Received: 10/08/15 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162177	10/10/15 16:22	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	162071	10/08/15 19:26	ECC	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-69705-2
Date Collected: 10/08/15 09:05
Matrix: Water
Date Received: 10/08/15 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162177	10/10/15 13:34	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	162071	10/08/15 17:56	ECC	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-69705-3
Date Collected: 10/08/15 09:10
Matrix: Water
Date Received: 10/08/15 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162177	10/10/15 13:53	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	162071	10/08/15 18:14	ECC	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-69705-4
Date Collected: 10/08/15 09:15
Matrix: Water
Date Received: 10/08/15 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162177	10/10/15 15:08	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	162071	10/08/15 18:32	ECC	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-69705-5
Date Collected: 10/08/15 09:20
Matrix: Water
Date Received: 10/08/15 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162177	10/10/15 15:26	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	162071	10/08/15 18:50	ECC	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-69705-6
Date Collected: 10/08/15 09:25
Matrix: Water
Date Received: 10/08/15 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162177	10/10/15 15:45	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-69705-1

Client Sample ID: SGE

Lab Sample ID: 660-69705-6

Date Collected: 10/08/15 09:25
Matrix: Water
Date Received: 10/08/15 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	162071	10/08/15 19:08	ECC	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-69705-7

Date Collected: 10/08/15 09:30
Matrix: Water
Date Received: 10/08/15 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162177	10/10/15 16:41	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	162071	10/08/15 19:44	ECC	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-69705-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-69705-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

10/12/2015

Client Information	Sampler:	Lab PM: Sherry Salomon	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: sherry.salomon@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 59731 60313454 03.09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Sampling	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Loc: 660
69705

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List					Total Number of Containers	Special Instructions/Note:
			Preservation Code:				A	A							
AOP Feed	10/8/15	9:00	G	Water	N	N	2	2							Intr @ 162
AOP-A effluent	10/8/15	0905	G	Water	N	N	2	2							AOP-A @ 64
AOP-B effluent	10/8/15	0910	G	Water	N	N	2	2							AOP-B @ 53
AOP-C Effluent	10/8/15	0915	G	Water	N	N	2	2							AOP-C @ 45
PGE	10/8/15	0920	G	Water	N	N	2	2							
SGE	10/8/15	0925	G	Water	N	N	2	2							
Combined Influent	10/8/15	0930	G	Water	N	N		2	2						

660-69705 Chain of Custody

Possible Hazard Identification
☐ X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by:	Date/Time:	Company	Received by	Date/Time: 10-7-15 1400	Company AECOM		
Relinquished by:	Date/Time: 10-8-15 1210	Company AECOM	Received by:	Date/Time: 10-8-15 @ 1210	Company TA-TPA		
Relinquished by:	Date/Time: 10-8-15 @ 1320	Company TA-TPA	Received by	Date/Time: 10-8-15 @ 1320	Company TA-TPA		
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	5.8/5.9 IR-09			

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-69705-1

Login Number: 69705
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-69706-1
Client Project/Site: Tallevast Quarterly RO Performance
Revision: 1

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Sherry M Salomon

Authorized for release by:
10/15/2015 12:15:34 PM
Sherry Salomon, Manager of Project Management Assistants
(615)301-5033
sherry.salomon@testamericainc.com

Designee for

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Quarterly RO Performance

TestAmerica Job ID: 660-69706-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-69706-1	RO permeate	Water	10/08/15 09:40	10/08/15 13:20
660-69706-2	RO feed	Water	10/08/15 09:45	10/08/15 13:20
660-69706-3	RO concentrate	Water	10/08/15 09:50	10/08/15 13:20

Job ID: 660-69706-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-69706-1

Comments
This is a revised report. It replaces the report issued previously on 10/13/2015. Per the client's request, Sulfate was added to the 300.0 analyte list for sample RO permeate (660-69706-1).

Receipt
The samples were received on 10/8/2015 at 1:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.9º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

HPLC/IC
Method(s) 300.0: The matrix spike/matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-405135 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits.

Method(s) 300.0: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-405135 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method(s) SM 2540C: In analytical batch 660-162167, the following sample duplicate had TDS/conductivity ratio above 0.95: (660-69733-A-3 DU).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

HPLC/IC

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
L	Off-scale high. Actual value is known to be greater than the value given.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

General Chemistry

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Quarterly RO Performance

TestAmerica Job ID: 660-69706-1

Client Sample ID: RO permeate — Lab Sample ID: 660-69706-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.1		0.50	0.20	mg/L	1		300.0	Total/NA
Sulfate	0.46	I	1.0	0.40	mg/L	1		300.0	Total/NA
Chromium	0.0064		0.0020	0.00054	mg/L	1		6020A	Total Recoverable
Sodium	8.0		0.50	0.0038	mg/L	1		6020A	Total Recoverable
Lead	0.000086	I	0.0010	0.000019	mg/L	1		6020A	Total Recoverable

Client Sample ID: RO feed — Lab Sample ID: 660-69706-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA
Arsenic	0.0017		0.0010	0.00029	mg/L	1		6020A	Total Recoverable
Chromium	0.0057		0.0020	0.00054	mg/L	1		6020A	Total Recoverable
Copper	0.00067	I	0.0020	0.00024	mg/L	1		6020A	Total Recoverable
Sodium	110		0.50	0.0038	mg/L	1		6020A	Total Recoverable
Nickel	0.0015		0.0010	0.00017	mg/L	1		6020A	Total Recoverable
Zinc	0.0025	I	0.0050	0.00096	mg/L	1		6020A	Total Recoverable

Client Sample ID: RO concentrate — Lab Sample ID: 660-69706-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	21		2.0	1.0	ug/L	1		8260C SIM	Total/NA
Aluminum	0.0099	I	0.030	0.0026	mg/L	1		6020A	Total Recoverable
Arsenic	0.0068		0.0010	0.00029	mg/L	1		6020A	Total Recoverable
Chromium	0.013		0.0020	0.00054	mg/L	1		6020A	Total Recoverable
Copper	0.0010	I	0.0020	0.00024	mg/L	1		6020A	Total Recoverable
Sodium	410		0.50	0.0038	mg/L	1		6020A	Total Recoverable
Nickel	0.035		0.0010	0.00017	mg/L	1		6020A	Total Recoverable
Zinc	0.0049	I	0.0050	0.00096	mg/L	1		6020A	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: RO permeate — Lab Sample ID: 660-69706-1

Date Collected: 10/08/15 09:40 — **Matrix: Water**
Date Received: 10/08/15 13:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			10/10/15 16:03	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/10/15 16:03	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/10/15 16:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/10/15 16:03	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/10/15 16:03	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/10/15 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*10/10/15 16:03*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*10/10/15 16:03*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/10/15 16:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			10/08/15 17:02	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.1**		0.50	0.20	mg/L			10/10/15 02:36	1
Sulfate	**0.46**	I	1.0	0.40	mg/L			10/10/15 02:36	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0026	U	0.030	0.0026	mg/L		10/12/15 08:45	10/12/15 19:26	1
Arsenic	0.00029	U	0.0010	0.00029	mg/L		10/12/15 08:45	10/12/15 19:26	1
Beryllium	0.000037	U	0.0010	0.000037	mg/L		10/12/15 08:45	10/12/15 19:26	1
Cadmium	0.00011	U	0.0010	0.00011	mg/L		10/12/15 08:45	10/12/15 19:26	1
Chromium	**0.0064**		0.0020	0.00054	mg/L		10/12/15 08:45	10/12/15 19:26	1
Copper	0.00024	U	0.0020	0.00024	mg/L		10/12/15 08:45	10/12/15 19:26	1
Sodium	**8.0**		0.50	0.0038	mg/L		10/12/15 08:45	10/12/15 19:26	1
Nickel	0.00017	U	0.0010	0.00017	mg/L		10/12/15 08:45	10/12/15 19:26	1
Lead	**0.000086**	I	0.0010	0.000019	mg/L		10/12/15 08:45	10/12/15 19:26	1
Zinc	0.00096	U	0.0050	0.00096	mg/L		10/12/15 08:45	10/12/15 19:26	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			10/09/15 16:36	1

Client Sample ID: RO feed — Lab Sample ID: 660-69706-2

Date Collected: 10/08/15 09:45 — **Matrix: Water**
Date Received: 10/08/15 13:20

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.4**		2.0	1.0	ug/L			10/08/15 17:19	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0026	U	0.030	0.0026	mg/L		10/12/15 08:45	10/12/15 18:56	1
Arsenic	**0.0017**		0.0010	0.00029	mg/L		10/12/15 08:45	10/12/15 18:56	1
Beryllium	0.000037	U	0.0010	0.000037	mg/L		10/12/15 08:45	10/12/15 18:56	1

Client Sample ID: RO feed — Lab Sample ID: 660-69706-2

Date Collected: 10/08/15 09:45 — **Matrix: Water**
Date Received: 10/08/15 13:20

Method: 6020A - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.00011	U	0.0010	0.00011	mg/L		10/12/15 08:45	10/12/15 18:56	1
Chromium	**0.0057**		0.0020	0.00054	mg/L		10/12/15 08:45	10/12/15 18:56	1
Copper	**0.00067**	**I**	0.0020	0.00024	mg/L		10/12/15 08:45	10/12/15 18:56	1
Sodium	**110**		0.50	0.0038	mg/L		10/12/15 08:45	10/12/15 18:56	1
Nickel	**0.0015**		0.0010	0.00017	mg/L		10/12/15 08:45	10/12/15 18:56	1
Lead	0.000019	U	0.0010	0.000019	mg/L		10/12/15 08:45	10/12/15 18:56	1
Zinc	**0.0025**	**I**	0.0050	0.00096	mg/L		10/12/15 08:45	10/12/15 18:56	1

Client Sample ID: RO concentrate — Lab Sample ID: 660-69706-3

Date Collected: 10/08/15 09:50 — **Matrix: Water**
Date Received: 10/08/15 13:20

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**21**		2.0	1.0	ug/L			10/08/15 17:37	1

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0099**	**I**	0.030	0.0026	mg/L		10/12/15 08:45	10/12/15 19:31	1
Arsenic	**0.0068**		0.0010	0.00029	mg/L		10/12/15 08:45	10/12/15 19:31	1
Beryllium	0.000037	U	0.0010	0.000037	mg/L		10/12/15 08:45	10/12/15 19:31	1
Cadmium	0.00011	U	0.0010	0.00011	mg/L		10/12/15 08:45	10/12/15 19:31	1
Chromium	**0.013**		0.0020	0.00054	mg/L		10/12/15 08:45	10/12/15 19:31	1
Copper	**0.0010**	**I**	0.0020	0.00024	mg/L		10/12/15 08:45	10/12/15 19:31	1
Sodium	**410**		0.50	0.0038	mg/L		10/12/15 08:45	10/12/15 19:31	1
Nickel	**0.035**		0.0010	0.00017	mg/L		10/12/15 08:45	10/12/15 19:31	1
Lead	0.000019	U	0.0010	0.000019	mg/L		10/12/15 08:45	10/12/15 19:31	1
Zinc	**0.0049**	**I**	0.0050	0.00096	mg/L		10/12/15 08:45	10/12/15 19:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-162177/8
Matrix: Water
Analysis Batch: 162177

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			10/10/15 13:10	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/10/15 13:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/10/15 13:10	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/10/15 13:10	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/10/15 13:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/10/15 13:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*10/10/15 13:10*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*10/10/15 13:10*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/10/15 13:10*	*1*

Lab Sample ID: LCS 660-162177/5
Matrix: Water
Analysis Batch: 162177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			10.0	10.1		ug/L		101	66 - 130		
1,1-Dichloroethene			10.0	8.43		ug/L		84	51 - 150		
cis-1,2-Dichloroethene			10.0	10.1		ug/L		101	66 - 130		
Tetrachloroethene			10.0	11.1		ug/L		111	50 - 143		
Trichloroethene			10.0	10.6		ug/L		106	63 - 139		
Vinyl chloride			10.0	7.75		ug/L		77	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 660-162177/6
Matrix: Water
Analysis Batch: 162177

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane			10.0	9.94		ug/L		99	66 - 130	2	30
1,1-Dichloroethene			10.0	9.22		ug/L		92	51 - 150	9	30
cis-1,2-Dichloroethene			10.0	10.3		ug/L		103	66 - 130	2	30
Tetrachloroethene			10.0	12.2		ug/L		122	50 - 143	9	30
Trichloroethene			10.0	11.1		ug/L		111	63 - 139	4	30
Vinyl chloride			10.0	7.43		ug/L		74	48 - 147	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-69705-A-3 MS
Matrix: Water
Analysis Batch: 162177

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.9		10.0	14.1		ug/L		92	66 - 130
1,1-Dichloroethene	0.67	U	10.0	8.28		ug/L		83	51 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	9.59		ug/L		96	66 - 130
Tetrachloroethene	0.74	I	10.0	11.1		ug/L		103	50 - 143
Trichloroethene	0.73	I	10.0	10.8		ug/L		101	63 - 139
Vinyl chloride	0.71	U	10.0	6.13		ug/L		61	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-69705-D-2 DU
Matrix: Water
Analysis Batch: 162177

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	4.7		5.00		ug/L		6	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Tetrachloroethene	0.53	I	0.538	I	ug/L		0.9	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-162071/7
Matrix: Water
Analysis Batch: 162071

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			10/08/15 09:34	1

Lab Sample ID: LCS 660-162071/4
Matrix: Water
Analysis Batch: 162071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.31		ug/L		73	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-162071/5
Matrix: Water
Analysis Batch: 162071

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.49		ug/L		85	50 - 150	15	50

Lab Sample ID: 680-117482-H-4 MS
Matrix: Water
Analysis Batch: 162071

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	8.95		ug/L		90	50 - 150

Lab Sample ID: 680-117482-H-4 MSD
Matrix: Water
Analysis Batch: 162071

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	9.19		ug/L		92	50 - 150	3	50

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-405135/39
Matrix: Water
Analysis Batch: 405135

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			10/09/15 21:12	1
Sulfate	0.40	U	1.0	0.40	mg/L			10/09/15 21:12	1

Lab Sample ID: LCS 680-405135/40
Matrix: Water
Analysis Batch: 405135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride			10.0	10.0		mg/L		100	90 - 110
Sulfate			10.0	10.7		mg/L		107	90 - 110

Lab Sample ID: LCSD 680-405135/41
Matrix: Water
Analysis Batch: 405135

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			10.0	10.0		mg/L		100	90 - 110	0	30
Sulfate			10.0	10.8		mg/L		108	90 - 110	1	30

Lab Sample ID: 660-69181-F-6 MS
Matrix: Water
Analysis Batch: 405135

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	12000	L J3	200	12300	L J3	mg/L		185	80 - 120
Sulfate	1500	L J3	200	1690	L	mg/L		113	80 - 120

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 660-69181-F-6 MSD
Matrix: Water
Analysis Batch: 405135

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12000	L J3	200	13400	L J3	mg/L		738	80 - 120	9	30
Sulfate	1500	L J3	200	1820	L J3	mg/L		177	80 - 120	7	30

Lab Sample ID: 660-69197-F-1 DU
Matrix: Water
Analysis Batch: 405135

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chloride	0.35	I	0.347	I	mg/L		0.2	30
Sulfate	2.1		1.69		mg/L		23	30

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 180-156651/1-A
Matrix: Water
Analysis Batch: 156846

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 156651

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0026	U	0.030	0.0026	mg/L		10/12/15 08:45	10/12/15 18:37	1
Arsenic	0.00029	U	0.0010	0.00029	mg/L		10/12/15 08:45	10/12/15 18:37	1
Beryllium	0.000037	U	0.0010	0.000037	mg/L		10/12/15 08:45	10/12/15 18:37	1
Cadmium	0.00011	U	0.0010	0.00011	mg/L		10/12/15 08:45	10/12/15 18:37	1
Chromium	0.00054	U	0.0020	0.00054	mg/L		10/12/15 08:45	10/12/15 18:37	1
Copper	0.00024	U	0.0020	0.00024	mg/L		10/12/15 08:45	10/12/15 18:37	1
Sodium	0.0038	U	0.50	0.0038	mg/L		10/12/15 08:45	10/12/15 18:37	1
Nickel	0.00017	U	0.0010	0.00017	mg/L		10/12/15 08:45	10/12/15 18:37	1
Lead	0.000019	U	0.0010	0.000019	mg/L		10/12/15 08:45	10/12/15 18:37	1
Zinc	0.00096	U	0.0050	0.00096	mg/L		10/12/15 08:45	10/12/15 18:37	1

Lab Sample ID: LCS 180-156651/2-A
Matrix: Water
Analysis Batch: 156846

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 156651

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2.00	1.91		mg/L		96	80 - 120
Arsenic	0.0400	0.0412		mg/L		103	80 - 120
Beryllium	0.0500	0.0451		mg/L		90	80 - 120
Cadmium	0.0500	0.0535		mg/L		107	80 - 120
Chromium	0.200	0.212		mg/L		106	80 - 120
Copper	0.250	0.263		mg/L		105	80 - 120
Sodium	50.0	52.8		mg/L		106	80 - 120
Nickel	0.500	0.512		mg/L		102	80 - 120
Lead	0.0200	0.0212		mg/L		106	80 - 120
Zinc	0.500	0.518		mg/L		104	80 - 120

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 180-156651/3-A
Matrix: Water
Analysis Batch: 156846

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 156651

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	2.00	1.90		mg/L		95	80 - 120	0	20
Arsenic	0.0400	0.0414		mg/L		103	80 - 120	1	20
Beryllium	0.0500	0.0440		mg/L		88	80 - 120	2	20
Cadmium	0.0500	0.0526		mg/L		105	80 - 120	2	20
Chromium	0.200	0.208		mg/L		104	80 - 120	2	20
Copper	0.250	0.259		mg/L		104	80 - 120	1	20
Sodium	50.0	52.5		mg/L		105	80 - 120	1	20
Nickel	0.500	0.505		mg/L		101	80 - 120	1	20
Lead	0.0200	0.0206		mg/L		103	80 - 120	3	20
Zinc	0.500	0.502		mg/L		100	80 - 120	3	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 660-162167/1
Matrix: Water
Analysis Batch: 162167

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			10/09/15 16:36	1

Lab Sample ID: LCS 660-162167/2
Matrix: Water
Analysis Batch: 162167

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9570		mg/L		96	80 - 120

Lab Sample ID: 660-69733-A-3 DU
Matrix: Water
Analysis Batch: 162167

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	380		390		mg/L		2	20

GC/MS VOA

Analysis Batch: 162071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-69706-1	RO permeate	Total/NA	Water	8260C SIM	
660-69706-2	RO feed	Total/NA	Water	8260C SIM	
660-69706-3	RO concentrate	Total/NA	Water	8260C SIM	
680-117482-H-4 MS	Matrix Spike	Total/NA	Water	8260C SIM	
680-117482-H-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
LCS 660-162071/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-162071/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-162071/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 162177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-69705-A-3 MS	Matrix Spike	Total/NA	Water	8260B	
660-69705-D-2 DU	Duplicate	Total/NA	Water	8260B	
660-69706-1	RO permeate	Total/NA	Water	8260B	
LCS 660-162177/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-162177/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-162177/8	Method Blank	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 405135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-69181-F-6 MS	Matrix Spike	Total/NA	Water	300.0	
660-69181-F-6 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
660-69197-F-1 DU	Duplicate	Total/NA	Water	300.0	
660-69706-1	RO permeate	Total/NA	Water	300.0	
LCS 680-405135/40	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-405135/41	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-405135/39	Method Blank	Total/NA	Water	300.0	

Metals

Prep Batch: 156651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-69706-1	RO permeate	Total Recoverable	Water	3005A	
660-69706-2	RO feed	Total Recoverable	Water	3005A	
660-69706-3	RO concentrate	Total Recoverable	Water	3005A	
LCS 180-156651/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 180-156651/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 180-156651/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 156846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-69706-1	RO permeate	Total Recoverable	Water	6020A	156651
660-69706-2	RO feed	Total Recoverable	Water	6020A	156651
660-69706-3	RO concentrate	Total Recoverable	Water	6020A	156651
LCS 180-156651/2-A	Lab Control Sample	Total Recoverable	Water	6020A	156651
LCSD 180-156651/3-A	Lab Control Sample Dup	Total Recoverable	Water	6020A	156651
MB 180-156651/1-A	Method Blank	Total Recoverable	Water	6020A	156651

General Chemistry

Analysis Batch: 162167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-69706-1	RO permeate	Total/NA	Water	SM 2540C	
660-69733-A-3 DU	Duplicate	Total/NA	Water	SM 2540C	
LCS 660-162167/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 660-162167/1	Method Blank	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Quarterly RO Performance

TestAmerica Job ID: 660-69706-1

Client Sample ID: RO permeate

Lab Sample ID: 660-69706-1
Matrix: Water
Date Collected: 10/08/15 09:40
Date Received: 10/08/15 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162177	10/10/15 16:03	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	162071	10/08/15 17:02	ECC	TAL TAM
Total/NA	Analysis	300.0		1	405135	10/10/15 02:36	DAS	TAL SAV
Total Recoverable	Prep	3005A			156651	10/12/15 08:45	BMH	TAL PIT
Total Recoverable	Analysis	6020A		1	156846	10/12/15 19:26	WTR	TAL PIT
Total/NA	Analysis	SM 2540C		1	162167	10/09/15 16:36	SC1	TAL TAM

Client Sample ID: RO feed

Lab Sample ID: 660-69706-2
Matrix: Water
Date Collected: 10/08/15 09:45
Date Received: 10/08/15 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	162071	10/08/15 17:19	ECC	TAL TAM
Total Recoverable	Prep	3005A			156651	10/12/15 08:45	BMH	TAL PIT
Total Recoverable	Analysis	6020A		1	156846	10/12/15 18:56	WTR	TAL PIT

Client Sample ID: RO concentrate

Lab Sample ID: 660-69706-3
Matrix: Water
Date Collected: 10/08/15 09:50
Date Received: 10/08/15 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	162071	10/08/15 17:37	ECC	TAL TAM
Total Recoverable	Prep	3005A			156651	10/12/15 08:45	BMH	TAL PIT
Total Recoverable	Analysis	6020A		1	156846	10/12/15 19:31	WTR	TAL PIT

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058
TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858
TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Quarterly RO Performance

TestAmerica Job ID: 660-69706-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater",
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058
TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858
TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc. TestAmerica Job ID: 660-69706-1
Project/Site: Tallevast Quarterly RO Performance

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

Laboratory: TestAmerica Pittsburgh

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E871008	06-30-16

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E87052	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

10/15/2015

Client Information	Sampler:	Lab PM: Sherry Solomon	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: sherry.solomon@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 ~~24~~ hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 60313454 03.09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Quarterly RO Performance	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Loc: 660
69706

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	6020A metals	TDS	Chloride			Total Number of Containers	Special Instructions/Note:
			Preservation Code:				A	A							
RO permeate	10/8/15	0940	G/C	water	N	N	2	2	1	1	1				
RO feed	10/8/15	0945	G/C	water	N	N		2	1						
RO concentrate	10/8/15	0950	G/C	water	N	N		2	1						metals and MDLs - Al – 0.013 mg/L As – 0 01 Be – 0.00013 Cd – 0.0012 Cr – 0.011 Cu – 0.0101 Ni – 0.0565 Pb – 0.0036 Zn – 0.1299 Na – 160

660-69706 Chain of Custody

Possible Hazard Identification
☐ X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company
1					10-7-15 1400	AECOM
2		10-8-15 1210	AECOM		10-8-15 @ 1210	TA-TPA
3		10-8-15 @ 1320	TA-TPA		10-8-15 @ 1320	TA-TPA

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 5.8/5.9 CU-09

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-69706-1

Login Number: 69706
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-69706-1

Login Number: 69706
List Number: 3
Creator: Kovitch, Christina M

List Source: TestAmerica Pittsburgh
List Creation: 10/09/15 01:55 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-69706-1

Login Number: 69706
List Number: 2
Creator: Kirkland, Keyon A

List Source: TestAmerica Savannah
List Creation: 10/09/15 09:28 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-70021-1
Client Project/Site: Tallevast

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
10/27/2015 10:13:20 AM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70021-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-70021-1	AOP Feed	Water	10/22/15 08:30	10/22/15 14:00
660-70021-2	AOP-A effluent	Water	10/22/15 08:35	10/22/15 14:00
660-70021-3	AOP-B effluent	Water	10/22/15 08:40	10/22/15 14:00
660-70021-4	AOP-C Effluent	Water	10/22/15 08:45	10/22/15 14:00
660-70021-5	PGE	Water	10/22/15 08:50	10/22/15 14:00
660-70021-6	SGE	Water	10/22/15 08:55	10/22/15 14:00
660-70021-7	Combined Influent	Water	10/22/15 09:00	10/22/15 14:00

Job ID: 660-70021-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-70021-1

Comments
No additional comments.

Receipt
The samples were received on 10/22/2015 2:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70021-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70021-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-70021-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.1		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.7		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.7		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	63		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-70021-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-70021-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.8		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.53	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-70021-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-70021-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-70021-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-70021-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	24		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.7		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.67	I	1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	17		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	4.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	67		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-70021-1
Date Collected: 10/22/15 08:30
Matrix: Water
Date Received: 10/22/15 14:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	6.3		1.0	0.52	ug/L			10/26/15 14:50	1
1,1-Dichloroethene	9.1		1.0	0.67	ug/L			10/26/15 14:50	1
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L			10/26/15 14:50	1
Tetrachloroethene	4.7		1.0	0.50	ug/L			10/26/15 14:50	1
Trichloroethene	11		1.0	0.61	ug/L			10/26/15 14:50	1
Vinyl chloride	1.7		1.0	0.71	ug/L			10/26/15 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*10/26/15 14:50*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*10/26/15 14:50*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/26/15 14:50*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	63		2.0	1.0	ug/L			10/26/15 15:35	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-70021-2
Date Collected: 10/22/15 08:35
Matrix: Water
Date Received: 10/22/15 14:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.6		1.0	0.52	ug/L			10/26/15 13:02	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/26/15 13:02	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/26/15 13:02	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/26/15 13:02	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/26/15 13:02	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/26/15 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*10/26/15 13:02*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*10/26/15 13:02*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/26/15 13:02*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.6		2.0	1.0	ug/L			10/26/15 13:15	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-70021-3
Date Collected: 10/22/15 08:40
Matrix: Water
Date Received: 10/22/15 14:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.8		1.0	0.52	ug/L			10/26/15 13:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/26/15 13:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/26/15 13:38	1
Tetrachloroethene	0.53	I	1.0	0.50	ug/L			10/26/15 13:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/26/15 13:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/26/15 13:38	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-70021-3
Date Collected: 10/22/15 08:40
Matrix: Water
Date Received: 10/22/15 14:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*100*		*70 - 130*		*10/26/15 13:38*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*10/26/15 13:38*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/26/15 13:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.1**		2.0	1.0	ug/L			10/26/15 13:34	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-70021-4
Date Collected: 10/22/15 08:45
Matrix: Water
Date Received: 10/22/15 14:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			10/26/15 13:56	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/26/15 13:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/26/15 13:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/26/15 13:56	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/26/15 13:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/26/15 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*100*		*70 - 130*		*10/26/15 13:56*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*10/26/15 13:56*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/26/15 13:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.2**		2.0	1.0	ug/L			10/26/15 13:51	1

Client Sample ID: PGE

Lab Sample ID: 660-70021-5
Date Collected: 10/22/15 08:50
Matrix: Water
Date Received: 10/22/15 14:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**2.1**		1.0	0.52	ug/L			10/26/15 14:14	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/26/15 14:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/26/15 14:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/26/15 14:14	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/26/15 14:14	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/26/15 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*101*		*70 - 130*		*10/26/15 14:14*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*10/26/15 14:14*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/26/15 14:14*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.3**		2.0	1.0	ug/L			10/26/15 14:09	1

Client Sample ID: SGE

Lab Sample ID: 660-70021-6

Date Collected: 10/22/15 08:55

Matrix: Water

Date Received: 10/22/15 14:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			10/26/15 14:32	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/26/15 14:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/26/15 14:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/26/15 14:32	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/26/15 14:32	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/26/15 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*10/26/15 14:32*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*10/26/15 14:32*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*10/26/15 14:32*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.8**		2.0	1.0	ug/L			10/26/15 14:43	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-70021-7

Date Collected: 10/22/15 09:00

Matrix: Water

Date Received: 10/22/15 14:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			10/26/15 15:08	1
Benzene	0.50	U	1.0	0.50	ug/L			10/26/15 15:08	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			10/26/15 15:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			10/26/15 15:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			10/26/15 15:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			10/26/15 15:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			10/26/15 15:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			10/26/15 15:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			10/26/15 15:08	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			10/26/15 15:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			10/26/15 15:08	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			10/26/15 15:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			10/26/15 15:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			10/26/15 15:08	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			10/26/15 15:08	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			10/26/15 15:08	1
cis-1,2-Dichloroethene	**22**		1.0	0.65	ug/L			10/26/15 15:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			10/26/15 15:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			10/26/15 15:08	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			10/26/15 15:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			10/26/15 15:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			10/26/15 15:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			10/26/15 15:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			10/26/15 15:08	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			10/26/15 15:08	1
1,1-Dichloroethane	**8.4**		1.0	0.52	ug/L			10/26/15 15:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			10/26/15 15:08	1
1,1-Dichloroethene	**24**		1.0	0.67	ug/L			10/26/15 15:08	1

Client Sample ID: Combined Influent
Date Collected: 10/22/15 09:00
Date Received: 10/22/15 14:00

Lab Sample ID: 660-70021-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			10/26/15 15:08	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			10/26/15 15:08	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			10/26/15 15:08	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			10/26/15 15:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			10/26/15 15:08	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/26/15 15:08	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			10/26/15 15:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			10/26/15 15:08	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			10/26/15 15:08	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			10/26/15 15:08	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			10/26/15 15:08	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			10/26/15 15:08	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			10/26/15 15:08	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			10/26/15 15:08	1
Naphthalene	2.5	U	5.0	2.5	ug/L			10/26/15 15:08	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			10/26/15 15:08	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			10/26/15 15:08	1
o-Xylene	0.50	U	1.0	0.50	ug/L			10/26/15 15:08	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			10/26/15 15:08	1
Styrene	0.98	U	2.0	0.98	ug/L			10/26/15 15:08	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			10/26/15 15:08	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			10/26/15 15:08	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			10/26/15 15:08	1
Tetrachloroethene	**9.7**		1.0	0.50	ug/L			10/26/15 15:08	1
Toluene	0.51	U	1.0	0.51	ug/L			10/26/15 15:08	1
trans-1,2-Dichloroethene	**0.67**	**I**	1.0	0.67	ug/L			10/26/15 15:08	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/15 15:08	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			10/26/15 15:08	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			10/26/15 15:08	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			10/26/15 15:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			10/26/15 15:08	1
Trichloroethene	**17**		1.0	0.61	ug/L			10/26/15 15:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			10/26/15 15:08	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			10/26/15 15:08	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			10/26/15 15:08	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			10/26/15 15:08	1
Vinyl chloride	**4.6**		1.0	0.71	ug/L			10/26/15 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*10/26/15 15:08*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*10/26/15 15:08*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/26/15 15:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**67**		2.0	1.0	ug/L			10/26/15 15:52	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70021-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-162677/6
Matrix: Water
Analysis Batch: 162677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			10/26/15 12:37	1
Benzene	0.50	U	1.0	0.50	ug/L			10/26/15 12:37	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			10/26/15 12:37	1
Bromoform	0.63	U	1.0	0.63	ug/L			10/26/15 12:37	1
Bromomethane	2.5	U	5.0	2.5	ug/L			10/26/15 12:37	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			10/26/15 12:37	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			10/26/15 12:37	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			10/26/15 12:37	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			10/26/15 12:37	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			10/26/15 12:37	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			10/26/15 12:37	1
Chloroethane	2.5	U	5.0	2.5	ug/L			10/26/15 12:37	1
Chloroform	0.90	U	1.0	0.90	ug/L			10/26/15 12:37	1
Chloromethane	1.0	U	4.0	1.0	ug/L			10/26/15 12:37	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			10/26/15 12:37	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			10/26/15 12:37	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			10/26/15 12:37	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			10/26/15 12:37	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			10/26/15 12:37	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			10/26/15 12:37	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			10/26/15 12:37	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			10/26/15 12:37	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			10/26/15 12:37	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			10/26/15 12:37	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			10/26/15 12:37	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			10/26/15 12:37	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			10/26/15 12:37	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/26/15 12:37	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			10/26/15 12:37	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			10/26/15 12:37	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			10/26/15 12:37	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			10/26/15 12:37	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			10/26/15 12:37	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/26/15 12:37	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			10/26/15 12:37	1
2-Hexanone	4.4	U	10	4.4	ug/L			10/26/15 12:37	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			10/26/15 12:37	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			10/26/15 12:37	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			10/26/15 12:37	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			10/26/15 12:37	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			10/26/15 12:37	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			10/26/15 12:37	1
Naphthalene	2.5	U	5.0	2.5	ug/L			10/26/15 12:37	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			10/26/15 12:37	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			10/26/15 12:37	1
o-Xylene	0.50	U	1.0	0.50	ug/L			10/26/15 12:37	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			10/26/15 12:37	1
Styrene	0.98	U	2.0	0.98	ug/L			10/26/15 12:37	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-162677/6
Matrix: Water
Analysis Batch: 162677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			10/26/15 12:37	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			10/26/15 12:37	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			10/26/15 12:37	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			10/26/15 12:37	1
Toluene	0.51	U	1.0	0.51	ug/L			10/26/15 12:37	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			10/26/15 12:37	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			10/26/15 12:37	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			10/26/15 12:37	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			10/26/15 12:37	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			10/26/15 12:37	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			10/26/15 12:37	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			10/26/15 12:37	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			10/26/15 12:37	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			10/26/15 12:37	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			10/26/15 12:37	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			10/26/15 12:37	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			10/26/15 12:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*10/26/15 12:37*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*10/26/15 12:37*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/26/15 12:37*	*1*

Lab Sample ID: LCS 660-162677/4
Matrix: Water
Analysis Batch: 162677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	86.4		ug/L		86	62 - 142
Benzene	10.0	10.4		ug/L		104	68 - 134
Bromobenzene	10.0	10.5		ug/L		105	70 - 130
Bromoform	10.0	10.7		ug/L		107	65 - 130
Bromomethane	10.0	10.4		ug/L		104	22 - 150
2-Butanone (MEK)	100	97.9		ug/L		98	63 - 140
Carbon disulfide	10.0	10.5		ug/L		105	30 - 150
Carbon tetrachloride	10.0	10.8		ug/L		108	61 - 134
Chlorobenzene	10.0	10.6		ug/L		106	70 - 130
Chlorobromomethane	10.0	10.7		ug/L		107	70 - 130
Chlorodibromomethane	10.0	9.57		ug/L		96	70 - 130
Chloroethane	10.0	11.9		ug/L		119	39 - 150
Chloroform	10.0	10.4		ug/L		104	68 - 130
Chloromethane	10.0	12.4		ug/L		124	35 - 150
2-Chlorotoluene	10.0	9.44		ug/L		94	70 - 130
4-Chlorotoluene	10.0	9.90		ug/L		99	70 - 130
cis-1,2-Dichloroethene	10.0	10.5		ug/L		105	66 - 130
cis-1,3-Dichloropropene	10.0	9.22		ug/L		92	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.22		ug/L		92	63 - 130
Dibromomethane	10.0	10.6		ug/L		106	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-162677/4
Matrix: Water
Analysis Batch: 162677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
1,3-Dichlorobenzene	10.0	9.62		ug/L		96	70 - 130
1,4-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
Dichlorobromomethane	10.0	10.5		ug/L		105	70 - 130
Dichlorodifluoromethane	10.0	13.9		ug/L		139	16 - 149
1,1-Dichloroethane	10.0	10.7		ug/L		107	66 - 130
1,2-Dichloroethane	10.0	10.3		ug/L		103	70 - 130
1,1-Dichloroethene	10.0	10.8		ug/L		108	51 - 150
1,2-Dichloropropane	10.0	10.2		ug/L		102	70 - 130
1,3-Dichloropropane	10.0	10.3		ug/L		103	70 - 130
2,2-Dichloropropane	10.0	10.7		ug/L		107	66 - 134
1,1-Dichloropropene	10.0	9.67		ug/L		97	65 - 136
Ethylbenzene	10.0	9.45		ug/L		95	70 - 130
Ethylene Dibromide	10.0	10.2		ug/L		102	66 - 130
Hexachlorobutadiene	10.0	9.61		ug/L		96	62 - 143
2-Hexanone	100	86.6		ug/L		87	60 - 148
Isopropylbenzene	10.0	8.92		ug/L		89	62 - 130
4-Isopropyltoluene	10.0	8.88		ug/L		89	65 - 134
Methylene Chloride	10.0	10.2		ug/L		102	57 - 130
4-Methyl-2-pentanone (MIBK)	100	88.6		ug/L		89	64 - 137
Methyl tert-butyl ether	10.0	10.5		ug/L		105	67 - 130
Naphthalene	10.0	8.41		ug/L		84	50 - 136
n-Butylbenzene	10.0	9.54		ug/L		95	61 - 131
N-Propylbenzene	10.0	9.30		ug/L		93	67 - 130
o-Xylene	10.0	8.91		ug/L		89	69 - 130
sec-Butylbenzene	10.0	9.02		ug/L		90	68 - 133
Styrene	10.0	9.17		ug/L		92	68 - 131
tert-Butylbenzene	10.0	8.95		ug/L		89	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.5		ug/L		105	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.77		ug/L		98	70 - 130
Tetrachloroethene	10.0	11.0		ug/L		110	50 - 143
Toluene	10.0	10.5		ug/L		105	70 - 131
trans-1,2-Dichloroethene	10.0	11.2		ug/L		112	62 - 139
trans-1,3-Dichloropropene	10.0	10.2		ug/L		102	67 - 130
1,2,3-Trichlorobenzene	10.0	8.85		ug/L		88	58 - 132
1,2,4-Trichlorobenzene	10.0	9.03		ug/L		90	66 - 130
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	63 - 132
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	70 - 130
Trichloroethene	10.0	11.0		ug/L		110	63 - 139
Trichlorofluoromethane	10.0	10.6		ug/L		106	62 - 146
1,2,3-Trichloropropane	10.0	10.0		ug/L		100	66 - 130
1,2,4-Trimethylbenzene	10.0	9.19		ug/L		92	70 - 132
1,3,5-Trimethylbenzene	10.0	9.05		ug/L		91	65 - 134
Vinyl chloride	10.0	12.4		ug/L		124	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-162677/4
Matrix: Water
Analysis Batch: 162677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 660-162677/16
Matrix: Water
Analysis Batch: 162677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	82.8		ug/L		83	62 - 142	4	30
Benzene			10.0	10.5		ug/L		105	68 - 134	1	30
Bromobenzene			10.0	10.1		ug/L		101	70 - 130	4	30
Bromoform			10.0	9.76		ug/L		98	65 - 130	9	30
Bromomethane			10.0	13.7		ug/L		137	22 - 150	28	30
2-Butanone (MEK)			100	102		ug/L		102	63 - 140	4	30
Carbon disulfide			10.0	10.3		ug/L		103	30 - 150	2	30
Carbon tetrachloride			10.0	10.9		ug/L		109	61 - 134	1	30
Chlorobenzene			10.0	10.5		ug/L		105	70 - 130	1	30
Chlorobromomethane			10.0	10.8		ug/L		108	70 - 130	1	30
Chlorodibromomethane			10.0	9.61		ug/L		96	70 - 130	0	30
Chloroethane			10.0	12.9		ug/L		129	39 - 150	8	30
Chloroform			10.0	10.5		ug/L		105	68 - 130	1	30
Chloromethane			10.0	11.6		ug/L		116	35 - 150	6	30
2-Chlorotoluene			10.0	9.38		ug/L		94	70 - 130	1	30
4-Chlorotoluene			10.0	9.79		ug/L		98	70 - 130	1	30
cis-1,2-Dichloroethene			10.0	10.7		ug/L		107	66 - 130	2	30
cis-1,3-Dichloropropene			10.0	8.90		ug/L		89	70 - 130	4	30
1,2-Dibromo-3-Chloropropane			10.0	9.23		ug/L		92	63 - 130	0	30
Dibromomethane			10.0	10.5		ug/L		105	70 - 130	1	30
1,2-Dichlorobenzene			10.0	10.0		ug/L		100	70 - 130	1	30
1,3-Dichlorobenzene			10.0	9.57		ug/L		96	70 - 130	1	30
1,4-Dichlorobenzene			10.0	10.2		ug/L		102	70 - 130	2	30
Dichlorobromomethane			10.0	10.7		ug/L		107	70 - 130	2	30
Dichlorodifluoromethane			10.0	14.1		ug/L		141	16 - 149	2	30
1,1-Dichloroethane			10.0	9.90		ug/L		99	66 - 130	7	30
1,2-Dichloroethane			10.0	10.8		ug/L		108	70 - 130	5	30
1,1-Dichloroethene			10.0	10.4		ug/L		104	51 - 150	4	30
1,2-Dichloropropane			10.0	10.7		ug/L		107	70 - 130	4	30
1,3-Dichloropropane			10.0	10.6		ug/L		106	70 - 130	3	30
2,2-Dichloropropane			10.0	11.2		ug/L		112	66 - 134	4	30
1,1-Dichloropropene			10.0	9.74		ug/L		97	65 - 136	1	30
Ethylbenzene			10.0	8.86		ug/L		89	70 - 130	6	30
Ethylene Dibromide			10.0	10.5		ug/L		105	66 - 130	2	30
Hexachlorobutadiene			10.0	9.06		ug/L		91	62 - 143	6	30
2-Hexanone			100	85.1		ug/L		85	60 - 148	2	30
Isopropylbenzene			10.0	8.78		ug/L		88	62 - 130	2	30
4-Isopropyltoluene			10.0	8.84		ug/L		88	65 - 134	0	30
Methylene Chloride			10.0	10.2		ug/L		102	57 - 130	0	30
4-Methyl-2-pentanone (MIBK)			100	88.4		ug/L		88	64 - 137	0	30
Methyl tert-butyl ether			10.0	10.5		ug/L		105	67 - 130	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-162677/16
Matrix: Water
Analysis Batch: 162677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	7.95		ug/L		80	50 - 136	6	30
n-Butylbenzene			10.0	9.53		ug/L		95	61 - 131	0	30
N-Propylbenzene			10.0	8.99		ug/L		90	67 - 130	3	30
o-Xylene			10.0	8.84		ug/L		88	69 - 130	1	30
sec-Butylbenzene			10.0	8.82		ug/L		88	68 - 133	2	30
Styrene			10.0	9.05		ug/L		91	68 - 131	1	30
tert-Butylbenzene			10.0	8.75		ug/L		87	64 - 130	2	30
1,1,1,2-Tetrachloroethane			10.0	10.3		ug/L		103	70 - 130	1	30
1,1,2,2-Tetrachloroethane			10.0	10.3		ug/L		103	70 - 130	5	30
Tetrachloroethene			10.0	9.72		ug/L		97	50 - 143	12	30
Toluene			10.0	10.7		ug/L		107	70 - 131	2	30
trans-1,2-Dichloroethene			10.0	11.0		ug/L		110	62 - 139	2	30
trans-1,3-Dichloropropene			10.0	9.58		ug/L		96	67 - 130	7	30
1,2,3-Trichlorobenzene			10.0	8.67		ug/L		87	58 - 132	2	30
1,2,4-Trichlorobenzene			10.0	8.31		ug/L		83	66 - 130	8	30
1,1,1-Trichloroethane			10.0	10.8		ug/L		108	63 - 132	0	30
1,1,2-Trichloroethane			10.0	10.8		ug/L		108	70 - 130	4	30
Trichloroethene			10.0	11.1		ug/L		111	63 - 139	1	30
Trichlorofluoromethane			10.0	10.9		ug/L		109	62 - 146	3	30
1,2,3-Trichloropropane			10.0	10.2		ug/L		102	66 - 130	2	30
1,2,4-Trimethylbenzene			10.0	8.90		ug/L		89	70 - 132	3	30
1,3,5-Trimethylbenzene			10.0	8.99		ug/L		90	65 - 134	1	30
Vinyl chloride			10.0	11.9		ug/L		119	48 - 147	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-70021-7 MS
Matrix: Water
Analysis Batch: 162677

Client Sample ID: Combined Influent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	91.4		ug/L		91	62 - 142
Benzene	0.50	U	10.0	12.0		ug/L		120	68 - 134
Bromobenzene	0.58	U	10.0	10.9		ug/L		109	70 - 130
Bromoform	0.63	U	10.0	10.8		ug/L		108	65 - 130
Bromomethane	2.5	U	10.0	14.3		ug/L		143	22 - 150
2-Butanone (MEK)	8.4	U	100	101		ug/L		101	63 - 140
Carbon disulfide	1.0	U	10.0	11.9		ug/L		119	30 - 150
Carbon tetrachloride	0.43	U	10.0	12.4		ug/L		124	61 - 134
Chlorobenzene	0.63	U	10.0	11.9		ug/L		119	70 - 130
Chlorobromomethane	0.58	U	10.0	12.3		ug/L		123	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.7		ug/L		107	70 - 130
Chloroethane	2.5	U J3	10.0	16.3	J3	ug/L		163	39 - 150
Chloroform	0.90	U	10.0	11.7		ug/L		117	68 - 130
Chloromethane	1.0	U	10.0	13.0		ug/L		130	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70021-7 MS
Matrix: Water
Analysis Batch: 162677

Client Sample ID: Combined Influent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	10.5		ug/L		105	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.9		ug/L		109	70 - 130
cis-1,2-Dichloroethene	22		10.0	34.2		ug/L		121	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.17		ug/L		92	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.99		ug/L		100	63 - 130
Dibromomethane	0.46	U	10.0	11.8		ug/L		118	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.1		ug/L		111	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.4		ug/L		104	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.6		ug/L		116	70 - 130
Dichlorobromomethane	0.44	U	10.0	12.0		ug/L		120	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	16.7	J3	ug/L		167	16 - 149
1,1-Dichloroethane	8.4		10.0	20.1		ug/L		117	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.9		ug/L		119	70 - 130
1,1-Dichloroethene	24		10.0	35.2		ug/L		108	51 - 150
1,2-Dichloropropane	0.52	U	10.0	12.3		ug/L		123	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.6		ug/L		116	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.8		ug/L		118	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.0		ug/L		110	65 - 136
Ethylbenzene	0.44	U	10.0	10.5		ug/L		105	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.3		ug/L		113	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.4		ug/L		104	62 - 143
2-Hexanone	4.4	U	100	95.3		ug/L		95	60 - 148
Isopropylbenzene	0.52	U	10.0	9.84		ug/L		98	62 - 130
4-Isopropyltoluene	0.69	U	10.0	10.2		ug/L		102	65 - 134
Methylene Chloride	4.0	U	10.0	11.3		ug/L		113	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	94.5		ug/L		95	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	11.2		ug/L		112	67 - 130
Naphthalene	2.5	U	10.0	8.66		ug/L		87	50 - 136
n-Butylbenzene	0.67	U	10.0	10.8		ug/L		108	61 - 131
N-Propylbenzene	0.59	U	10.0	10.2		ug/L		102	67 - 130
o-Xylene	0.50	U	10.0	9.92		ug/L		99	69 - 130
sec-Butylbenzene	0.63	U	10.0	10.3		ug/L		103	68 - 133
Styrene	0.98	U	10.0	10.1		ug/L		101	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.1		ug/L		101	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.8		ug/L		118	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.9		ug/L		109	70 - 130
Tetrachloroethene	9.7		10.0	20.2		ug/L		105	50 - 143
Toluene	0.51	U	10.0	12.0		ug/L		120	70 - 131
trans-1,2-Dichloroethene	0.67	I	10.0	13.3		ug/L		127	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.2		ug/L		102	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.64		ug/L		96	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.28		ug/L		93	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.5		ug/L		125	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	11.7		ug/L		117	70 - 130
Trichloroethene	17		10.0	29.4		ug/L		123	63 - 139
Trichlorofluoromethane	2.5	U	10.0	13.0		ug/L		130	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	11.0		ug/L		110	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.1		ug/L		101	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70021-7 MS
Matrix: Water
Analysis Batch: 162677

Client Sample ID: Combined Influent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	9.98		ug/L		100	65 - 134
Vinyl chloride	4.6		10.0	18.7		ug/L		141	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-70021-2 DU
Matrix: Water
Analysis Batch: 162677

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	20		22.3		ug/L		9	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	4.6		4.70		ug/L		2	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70021-2 DU
Matrix: Water
Analysis Batch: 162677

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-162679/7
Matrix: Water
Analysis Batch: 162679

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			10/26/15 12:43	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-162679/4
Matrix: Water
Analysis Batch: 162679

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	10.1		ug/L		101	50 - 150		

Lab Sample ID: LCSD 660-162679/5
Matrix: Water
Analysis Batch: 162679

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	10.4		ug/L		104	50 - 150	3	50

Lab Sample ID: 660-70021-6 MS
Matrix: Water
Analysis Batch: 162679

Client Sample ID: SGE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	4.8		10.0	16.9		ug/L		120	50 - 150		

Lab Sample ID: 660-70021-5 DU
Matrix: Water
Analysis Batch: 162679

Client Sample ID: PGE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,4-Dioxane	4.3			5.22		ug/L				18	50

GC/MS VOA

Analysis Batch: 162677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70021-1	AOP Feed	Total/NA	Water	8260B	
660-70021-2	AOP-A effluent	Total/NA	Water	8260B	
660-70021-2 DU	AOP-A effluent	Total/NA	Water	8260B	
660-70021-3	AOP-B effluent	Total/NA	Water	8260B	
660-70021-4	AOP-C Effluent	Total/NA	Water	8260B	
660-70021-5	PGE	Total/NA	Water	8260B	
660-70021-6	SGE	Total/NA	Water	8260B	
660-70021-7	Combined Influent	Total/NA	Water	8260B	
660-70021-7 MS	Combined Influent	Total/NA	Water	8260B	
LCS 660-162677/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-162677/16	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-162677/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 162679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70021-1	AOP Feed	Total/NA	Water	8260C SIM	
660-70021-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-70021-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-70021-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-70021-5	PGE	Total/NA	Water	8260C SIM	
660-70021-5 DU	PGE	Total/NA	Water	8260C SIM	
660-70021-6	SGE	Total/NA	Water	8260C SIM	
660-70021-6 MS	SGE	Total/NA	Water	8260C SIM	
660-70021-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-162679/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-162679/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-162679/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: AOP Feed
Lab Sample ID: 660-70021-1
Date Collected: 10/22/15 08:30
Matrix: Water
Date Received: 10/22/15 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162677	10/26/15 14:50	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	162679	10/26/15 15:35	TGP	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-70021-2
Date Collected: 10/22/15 08:35
Matrix: Water
Date Received: 10/22/15 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162677	10/26/15 13:02	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	162679	10/26/15 13:15	TGP	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-70021-3
Date Collected: 10/22/15 08:40
Matrix: Water
Date Received: 10/22/15 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162677	10/26/15 13:38	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	162679	10/26/15 13:34	TGP	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-70021-4
Date Collected: 10/22/15 08:45
Matrix: Water
Date Received: 10/22/15 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162677	10/26/15 13:56	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	162679	10/26/15 13:51	TGP	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-70021-5
Date Collected: 10/22/15 08:50
Matrix: Water
Date Received: 10/22/15 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162677	10/26/15 14:14	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	162679	10/26/15 14:09	TGP	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-70021-6
Date Collected: 10/22/15 08:55
Matrix: Water
Date Received: 10/22/15 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162677	10/26/15 14:32	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70021-1

Client Sample ID: SGE

Lab Sample ID: 660-70021-6

Date Collected: 10/22/15 08:55

Matrix: Water

Date Received: 10/22/15 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	162679	10/26/15 14:43	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-70021-7

Date Collected: 10/22/15 09:00

Matrix: Water

Date Received: 10/22/15 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	162677	10/26/15 15:08	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	162679	10/26/15 15:52	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70021-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70021-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

10/27/2015

Client Information	Sampler: Andy Long	Lab PM: Sherry Salomon	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: sherry.salomon@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 59731 60313454 03.09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Sampling	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List										Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A												
AOP Feed	10/22/15	8:30	G	Water	N	N	2	2												Inf @ 16.2
AOP-A effluent	10/22/15	8.35	G	Water	N	N	2	2												AOP-A @ 16.2
AOP-B effluent	10/22/15	8:40	G	Water	N	N	2	2												AOP-B @ 55
AOP-C Effluent	10/22/15	8:45	G	Water	N	N	2	2												AOP-C @ 45
PGE	10/22/15	8:50	G	Water	N	N	2	2												
SGE	10/22/15	8:55	G	Water	N	N	2	2												
Combined Influent	10/22/15	9:00	G	Water	N	N		2	2											

660-70021 Chain of Custody

Loc: 660
70021

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1					10-21-15 1400	AECOM
2		10-22-15 1225	AECOM		10-22-15 @ 1225	TA TPA
3		10-22-15 @ 1400	TA TPA		10-22-15 1400	TA TPA

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 5.1 / 5.1

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-70021-1

Login Number: 70021
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-70273-1
Client Project/Site: Tallevast

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
11/18/2015 11:06:19 AM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-70273-1	EW2001_INF	Water	11/03/15 10:03	11/05/15 15:10
660-70273-2	EW2002_INF	Water	11/03/15 10:12	11/05/15 15:10
660-70273-3	EW2003_INF	Water	11/03/15 10:31	11/05/15 15:10
660-70273-4	EW2004_INF	Water	11/03/15 11:03	11/05/15 15:10
660-70273-5	EW2005_INF	Water	11/03/15 11:15	11/05/15 15:10
660-70273-6	EW2006_INF	Water	11/03/15 11:26	11/05/15 15:10
660-70273-7	EW2007_INF	Water	11/03/15 11:30	11/05/15 15:10
660-70273-8	EW2008_INF	Water	11/03/15 07:28	11/05/15 15:10
660-70273-9	EW2009_INF	Water	11/03/15 07:33	11/05/15 15:10
660-70273-10	EW2010_INF	Water	11/03/15 07:45	11/05/15 15:10
660-70273-11	EW2011_INF	Water	11/03/15 08:03	11/05/15 15:10
660-70273-12	EW2012_INF	Water	11/03/15 08:32	11/05/15 15:10
660-70273-13	EW2013_INF	Water	11/03/15 08:25	11/05/15 15:10
660-70273-14	EW2014_INF	Water	11/03/15 09:11	11/05/15 15:10
660-70273-15	EW2015_INF	Water	11/03/15 08:53	11/05/15 15:10
660-70273-16	EW2016_INF	Water	11/04/15 15:52	11/05/15 15:10
660-70273-17	EW2017_INF	Water	11/04/15 15:24	11/05/15 15:10
660-70273-18	EW2018_INF	Water	11/04/15 15:42	11/05/15 15:10
660-70273-19	EW2019_INF	Water	11/04/15 16:02	11/05/15 15:10
660-70273-20	EW2020_INF	Water	11/04/15 15:48	11/05/15 15:10
660-70273-21	EW2021_INF	Water	11/04/15 16:48	11/05/15 15:10
660-70273-22	EW2022_INF	Water	11/04/15 08:50	11/05/15 15:10
660-70273-23	EW2023_INF	Water	11/04/15 16:08	11/05/15 15:10
660-70273-24	EW2024_INF	Water	11/02/15 13:20	11/05/15 15:10
660-70273-25	EW2025_INF	Water	11/04/15 16:26	11/05/15 15:10
660-70273-26	EW2026_INF	Water	11/04/15 13:50	11/05/15 15:10
660-70273-27	EW2027_INF	Water	11/04/15 13:32	11/05/15 15:10
660-70273-28	EW2028_INF	Water	11/04/15 13:44	11/05/15 15:10
660-70273-29	EW2029_INF	Water	11/04/15 14:24	11/05/15 15:10
660-70273-30	EW2030_INF	Water	11/04/15 13:26	11/05/15 15:10
660-70273-31	EW2031_INF	Water	11/04/15 13:20	11/05/15 15:10
660-70273-32	EW2032_INF	Water	11/04/15 14:18	11/05/15 15:10
660-70273-33	EW2033_INF	Water	11/04/15 14:00	11/05/15 15:10
660-70273-34	EW2034_INF	Water	11/04/15 08:00	11/05/15 15:10
660-70273-35	EW2036_INF	Water	11/03/15 14:56	11/05/15 15:10
660-70273-36	EW2037_INF	Water	11/02/15 16:45	11/05/15 15:10
660-70273-37	EW2101_INF	Water	11/05/15 08:00	11/05/15 15:10
660-70273-38	EW2102_INF	Water	11/05/15 07:50	11/05/15 15:10
660-70273-39	EW2103_INF	Water	11/03/15 16:08	11/05/15 15:10
660-70273-40	EW2104_INF	Water	11/03/15 16:00	11/05/15 15:10
660-70273-41	EW3001_INF	Water	11/03/15 14:06	11/05/15 15:10
660-70273-42	EW3002_INF	Water	11/03/15 14:33	11/05/15 15:10
660-70273-43	EW3003_INF	Water	11/03/15 14:46	11/05/15 15:10
660-70273-44	EW3004_INF	Water	11/04/15 15:36	11/05/15 15:10
660-70273-45	EW3005_INF	Water	11/04/15 16:42	11/05/15 15:10
660-70273-46	EW3006_INF	Water	11/04/15 16:20	11/05/15 15:10
660-70273-47	EW3007_INF	Water	11/04/15 16:32	11/05/15 15:10
660-70273-48	EW3008_INF	Water	11/04/15 15:56	11/05/15 15:10
660-70273-49	EW3009_INF	Water	11/04/15 13:38	11/05/15 15:10
660-70273-50	EW3010_INF	Water	11/04/15 14:30	11/05/15 15:10
660-70273-51	EW3011_INF	Water	11/04/15 08:06	11/05/15 15:10
660-70273-52	EW3012_INF	Water	11/05/15 07:26	11/05/15 15:10
660-70273-53	EW3013_INF	Water	11/05/15 07:32	11/05/15 15:10

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-70273-54	EW3014_INF	Water	11/05/15 07:38	11/05/15 15:10
660-70273-55	EW3015_INF	Water	11/05/15 07:46	11/05/15 15:10
660-70273-56	EW3016_INF	Water	11/05/15 07:56	11/05/15 15:10
660-70273-57	EW3017_INF	Water	11/05/15 08:06	11/05/15 15:10
660-70273-58	EW3018_INF	Water	11/05/15 08:12	11/05/15 15:10
660-70273-59	EW3019_INF	Water	11/05/15 08:16	11/05/15 15:10
660-70273-60	EW3020_INF	Water	11/03/15 10:26	11/05/15 15:10
660-70273-61	EW3021_INF	Water	11/04/15 10:35	11/05/15 15:10
660-70273-62	EW3022_INF	Water	11/04/15 10:16	11/05/15 15:10
660-70273-63	EW3023_INF	Water	11/05/15 07:20	11/05/15 15:10
660-70273-64	EW3024_INF	Water	11/04/15 15:30	11/05/15 15:10
660-70273-65	EW3025_INF	Water	11/04/15 10:10	11/05/15 15:10
660-70273-66	EW3026_INF	Water	11/04/15 09:34	11/05/15 15:10
660-70273-67	EW3027_INF	Water	11/04/15 14:12	11/05/15 15:10
660-70273-68	EW4001_INF	Water	11/03/15 15:04	11/05/15 15:10
660-70273-69	EW4002_INF	Water	11/03/15 14:12	11/05/15 15:10
660-70273-70	EW4003_INF	Water	11/04/15 16:14	11/05/15 15:10
660-70273-71	EW4004_INF	Water	11/04/15 07:45	11/05/15 15:10
660-70273-72	EW4005_INF	Water	11/04/15 14:06	11/05/15 15:10
660-70273-73	EW4006_INF	Water	11/04/15 10:25	11/05/15 15:10
660-70273-74	EW4007_INF	Water	11/04/15 09:45	11/05/15 15:10
660-70273-75	EW4008_INF	Water	11/03/15 16:18	11/05/15 15:10
660-70273-76	EW4009_INF	Water	11/03/15 09:35	11/05/15 15:10
660-70273-77	EW4010_INF	Water	11/03/15 15:23	11/05/15 15:10
660-70273-78	EW4011_INF	Water	11/03/15 15:40	11/05/15 15:10
660-70273-79	EW5001_INF	Water	11/04/15 13:54	11/05/15 15:10
660-70273-80	TRIP BLANK	Water	11/04/15 00:00	11/05/15 15:10

Job ID: 660-70273-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-70273-1

Comments
No additional comments.

Receipt
The samples were received on 11/5/2015 3:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 3.0º C, 3.2º C and 4.1º C.

GC/MS VOA
Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: EW3012_INF (660-70273-52). Elevated reporting limits (RLs) are provided. Batch 163352.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: EW3023_INF (660-70273-63) and EW4003_INF (660-70273-70). Elevated reporting limits (RLs) are provided. Batch 163362.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 163358 recovered outside control limits for the following analytes: dichlorodifluoromethane.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 163404 recovered outside control limits for the following analytes: dichlorodifluoromethane, trichlorofluoromethane and vinyl chloride.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2001_INF — Lab Sample ID: 660-70273-1

No Detections.

Client Sample ID: EW2002_INF — Lab Sample ID: 660-70273-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.85	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.83	I	1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2003_INF — Lab Sample ID: 660-70273-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	2.4		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	9.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2004_INF — Lab Sample ID: 660-70273-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.9		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	0.90	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	12		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2005_INF — Lab Sample ID: 660-70273-5

No Detections.

Client Sample ID: EW2006_INF — Lab Sample ID: 660-70273-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	6.6		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.8		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	19		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2007_INF — Lab Sample ID: 660-70273-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.58	I	1.0	0.50	ug/L	1		8260B	Total/NA

Client Sample ID: EW2008_INF — Lab Sample ID: 660-70273-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2009_INF — Lab Sample ID: 660-70273-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.4	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2010_INF — Lab Sample ID: 660-70273-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2011_INF — Lab Sample ID: 660-70273-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.91	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2012_INF — Lab Sample ID: 660-70273-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	3.6		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	25		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2013_INF — Lab Sample ID: 660-70273-13

No Detections.

Client Sample ID: EW2014_INF — Lab Sample ID: 660-70273-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.7		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.57	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.0		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.2		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	73		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	9.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2015_INF — Lab Sample ID: 660-70273-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.69	I	1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.55	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	4.7		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2016_INF — Lab Sample ID: 660-70273-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.3		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.1	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2017_INF — Lab Sample ID: 660-70273-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.96	I	1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2018_INF — Lab Sample ID: 660-70273-18

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW2018_INF (Continued) — Lab Sample ID: 660-70273-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	19		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.6		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	14		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2019_INF — Lab Sample ID: 660-70273-19

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.6		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2020_INF — Lab Sample ID: 660-70273-20

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.2		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2021_INF — Lab Sample ID: 660-70273-21

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.8		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	8.1		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2022_INF — Lab Sample ID: 660-70273-22

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.4		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.2		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	4.2		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2023_INF — Lab Sample ID: 660-70273-23

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.9		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	5.3		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2024_INF — Lab Sample ID: 660-70273-24

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.3		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	42		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2025_INF — Lab Sample ID: 660-70273-25

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW2025_INF (Continued) — Lab Sample ID: 660-70273-25

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.97	I	1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.7		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	7.7		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2026_INF — Lab Sample ID: 660-70273-26

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	15		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	20		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2027_INF — Lab Sample ID: 660-70273-27

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.1		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	16		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2028_INF — Lab Sample ID: 660-70273-28

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.8		1.0	0.65	ug/L	1		8260B	Total/NA
Trichloroethene	58		1.0	0.61	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	170		10	5.0	ug/L	10		8260B	Total/NA

Client Sample ID: EW2029_INF — Lab Sample ID: 660-70273-29

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.1		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	29		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	58		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2030_INF — Lab Sample ID: 660-70273-30

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.7		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	1.2		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2031_INF — Lab Sample ID: 660-70273-31

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.2		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	2.1		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2032_INF — Lab Sample ID: 660-70273-32

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.8		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.79	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.80	I	1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	49		1.0	0.50	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW2032_INF (Continued) — Lab Sample ID: 660-70273-32

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	72		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.5	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2033_INF — Lab Sample ID: 660-70273-33

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.6		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	2.5		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	58		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene - DL	130		10	6.1	ug/L	10		8260B	Total/NA
1,4-Dioxane	6.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2034_INF — Lab Sample ID: 660-70273-34

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.65	I	1.0	0.50	ug/L	1		8260B	Total/NA

Client Sample ID: EW2036_INF — Lab Sample ID: 660-70273-35

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	1.3		1.0	0.60	ug/L	1		8260B	Total/NA

Client Sample ID: EW2037_INF — Lab Sample ID: 660-70273-36

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2101_INF — Lab Sample ID: 660-70273-37

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.9		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2102_INF — Lab Sample ID: 660-70273-38

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	4.9		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	6.6		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2103_INF — Lab Sample ID: 660-70273-39

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.4		1.0	0.67	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW2103_INF (Continued) — Lab Sample ID: 660-70273-39

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	53		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	59		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW2104_INF — Lab Sample ID: 660-70273-40

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	3.5		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	1.9		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	0.76	I	1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	130		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW3001_INF — Lab Sample ID: 660-70273-41

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.9		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	14		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	23		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3002_INF — Lab Sample ID: 660-70273-42

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	35		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	26		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	83		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	8.2		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	81		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW3003_INF — Lab Sample ID: 660-70273-43

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	21		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	34		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3004_INF — Lab Sample ID: 660-70273-44

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	34		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.5		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.6		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	63		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	28		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3005_INF — Lab Sample ID: 660-70273-45

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	54		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	48		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.1		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.0		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene - DL	160		10	6.1	ug/L	10		8260B	Total/NA
1,4-Dioxane	23		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3006_INF — Lab Sample ID: 660-70273-46

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.0		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.6		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	70		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.71	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	130		5.0	3.3	ug/L	5		8260B	Total/NA
1,4-Dioxane	9.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3007_INF — Lab Sample ID: 660-70273-47

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	74		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	10		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	28		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.3		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.0		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	75		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	56		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3008_INF — Lab Sample ID: 660-70273-48

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	42		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	11		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	24		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	4.9		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	79		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	130		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW3009_INF — Lab Sample ID: 660-70273-49

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	69		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	91		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	16		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.86	I	1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	140		5.0	3.3	ug/L	5		8260B	Total/NA
Trichloroethene - DL	190		5.0	3.1	ug/L	5		8260B	Total/NA
1,4-Dioxane	290		10	5.0	ug/L	5		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3010_INF — Lab Sample ID: 660-70273-50

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.1		1.0	0.63	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	12		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	24		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	34		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.71	ug/L	1		8260B	Total/NA
1,1-Dichloroethene - DL	110		5.0	3.4	ug/L	5		8260B	Total/NA
1,4-Dioxane	120		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW3011_INF — Lab Sample ID: 660-70273-51

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.1		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	31		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	5.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	27		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.71	ug/L	1		8260B	Total/NA
1,1-Dichloroethene - DL	120		5.0	3.4	ug/L	5		8260B	Total/NA
1,4-Dioxane	85		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW3012_INF — Lab Sample ID: 660-70273-52

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	14		5.0	3.3	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	120		5.0	2.6	ug/L	5		8260B	Total/NA
Tetrachloroethene	89		5.0	2.5	ug/L	5		8260B	Total/NA
Trichloroethene	160		5.0	3.1	ug/L	5		8260B	Total/NA
Vinyl chloride	5.7		5.0	3.6	ug/L	5		8260B	Total/NA
1,1-Dichloroethene - DL	630		50	34	ug/L	50		8260B	Total/NA
1,4-Dioxane	240		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW3013_INF — Lab Sample ID: 660-70273-53

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.7		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	32		1.0	0.52	ug/L	1		8260B	Total/NA
Vinyl chloride	0.88	I	1.0	0.71	ug/L	1		8260B	Total/NA
1,1-Dichloroethene - DL	130		10	6.7	ug/L	10		8260B	Total/NA
Tetrachloroethene - DL	160		10	5.0	ug/L	10		8260B	Total/NA
Trichloroethene - DL	92		10	6.1	ug/L	10		8260B	Total/NA
1,4-Dioxane	41		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3014_INF — Lab Sample ID: 660-70273-54

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.2		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	17		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.8		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	8.5		1.0	0.61	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3014_INF (Continued) — Lab Sample ID: 660-70273-54

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	2.2		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	26		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3015_INF — Lab Sample ID: 660-70273-55

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.1		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	44		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	24		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	76		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.1		1.0	0.71	ug/L	1		8260B	Total/NA
1,1-Dichloroethene - DL	180		10	6.7	ug/L	10		8260B	Total/NA
1,4-Dioxane	300		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW3016_INF — Lab Sample ID: 660-70273-56

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.0		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	54		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.6		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	5.4		1.0	0.61	ug/L	1		8260B	Total/NA
1,1-Dichloroethene - DL	86		5.0	3.4	ug/L	5		8260B	Total/NA
1,4-Dioxane	320		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW3017_INF — Lab Sample ID: 660-70273-57

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.4		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	8.4		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.4		1.0	0.71	ug/L	1		8260B	Total/NA
1,1-Dichloroethane - DL	190		10	5.2	ug/L	10		8260B	Total/NA
1,1-Dichloroethene - DL	230		10	6.7	ug/L	10		8260B	Total/NA
1,4-Dioxane	1300		100	50	ug/L	50		8260C SIM	Total/NA

Client Sample ID: EW3018_INF — Lab Sample ID: 660-70273-58

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	14		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	14		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	1.4		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	56		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW3019_INF — Lab Sample ID: 660-70273-59

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.7		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	82		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.2		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	8.3		1.0	0.61	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW3019_INF (Continued) — Lab Sample ID: 660-70273-59

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene - DL	80		5.0	3.4	ug/L	5		8260B	Total/NA
1,4-Dioxane	390		20	10	ug/L	10		8260C SIM	Total/NA

Client Sample ID: EW3020_INF — Lab Sample ID: 660-70273-60

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.8		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	39		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	49		1.0	0.61	ug/L	1		8260B	Total/NA
1,1-Dichloroethene - DL	89		5.0	3.4	ug/L	5		8260B	Total/NA
1,4-Dioxane	220		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW3021_INF — Lab Sample ID: 660-70273-61

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	24		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	7.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	13		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene - DL	190		10	6.1	ug/L	10		8260B	Total/NA
1,4-Dioxane	86		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW3022_INF — Lab Sample ID: 660-70273-62

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.9		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	30		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	27		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	7.7		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	260		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW3023_INF — Lab Sample ID: 660-70273-63

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15		2.0	1.3	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	89		2.0	1.0	ug/L	2		8260B	Total/NA
Tetrachloroethene	22		2.0	1.0	ug/L	2		8260B	Total/NA
Trichloroethene	80		2.0	1.2	ug/L	2		8260B	Total/NA
Vinyl chloride	2.9		2.0	1.4	ug/L	2		8260B	Total/NA
1,1-Dichloroethene - DL	370		20	13	ug/L	20		8260B	Total/NA
1,4-Dioxane	200		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW3024_INF — Lab Sample ID: 660-70273-64

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.65	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	0.58	I	1.0	0.49	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	11		1.0	0.52	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW3024_INF (Continued) — Lab Sample ID: 660-70273-64

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	89		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	8.8		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	15		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3025_INF — Lab Sample ID: 660-70273-65

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.8		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	15		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	23		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	86		1.0	0.61	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	120		5.0	2.5	ug/L	5		8260B	Total/NA
1,4-Dioxane	92		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW3026_INF — Lab Sample ID: 660-70273-66

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.6		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	17		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	46		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	7.0		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	200		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW3027_INF — Lab Sample ID: 660-70273-67

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	51		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	20		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	42		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.68	I	1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	91		5.0	2.5	ug/L	5		8260B	Total/NA
Trichloroethene - DL2	540		25	15	ug/L	25		8260B	Total/NA
1,4-Dioxane	190		20	10	ug/L	10		8260C SIM	Total/NA

Client Sample ID: EW4001_INF — Lab Sample ID: 660-70273-68

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.95	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.1		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	21		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	0.95	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	17		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4002_INF — Lab Sample ID: 660-70273-69

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	10		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW4002_INF (Continued) — Lab Sample ID: 660-70273-69

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	16		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	24		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4003_INF — Lab Sample ID: 660-70273-70

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	31		5.0	2.6	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	130		5.0	3.4	ug/L	5		8260B	Total/NA
trans-1,2-Dichloroethene	7.7		5.0	3.4	ug/L	5		8260B	Total/NA
Trichloroethene	13		5.0	3.1	ug/L	5		8260B	Total/NA
Vinyl chloride	320		5.0	3.6	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene - DL	1300		50	33	ug/L	50		8260B	Total/NA
1,4-Dioxane	160		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW4004_INF — Lab Sample ID: 660-70273-71

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.75	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	1.6		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	17		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4005_INF — Lab Sample ID: 660-70273-72

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	50		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	11		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	22		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	4.4		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	4.8		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.3		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	100		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW4006_INF — Lab Sample ID: 660-70273-73

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.9		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	6.5		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.4		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	60		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW4007_INF — Lab Sample ID: 660-70273-74

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.2		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.8		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	0.72	I	1.0	0.61	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW4007_INF (Continued) — Lab Sample ID: 660-70273-74

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	71		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW4008_INF — Lab Sample ID: 660-70273-75

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.82	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.99	I	1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	12		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4009_INF — Lab Sample ID: 660-70273-76

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.5		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	7.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	3.4		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	25		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4010_INF — Lab Sample ID: 660-70273-77

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.7		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	26		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4011_INF — Lab Sample ID: 660-70273-78

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.9		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	30		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW5001_INF — Lab Sample ID: 660-70273-79

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.0		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.74	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.7		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	6.8		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 660-70273-80

No Detections.

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2001_INF
Date Collected: 11/03/15 10:03
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/11/15 15:42	1
Benzene	0.50	U	1.0	0.50	ug/L			11/11/15 15:42	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 15:42	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/11/15 15:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/11/15 15:42	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/11/15 15:42	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/11/15 15:42	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/11/15 15:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/11/15 15:42	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/11/15 15:42	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/11/15 15:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/11/15 15:42	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/11/15 15:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/11/15 15:42	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/11/15 15:42	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/11/15 15:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/11/15 15:42	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/11/15 15:42	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/11/15 15:42	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/11/15 15:42	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/11/15 15:42	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/11/15 15:42	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/11/15 15:42	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/11/15 15:42	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 15:42	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/11/15 15:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/11/15 15:42	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 15:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/11/15 15:42	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/11/15 15:42	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/11/15 15:42	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/11/15 15:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/11/15 15:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/11/15 15:42	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/11/15 15:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/11/15 15:42	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/11/15 15:42	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/11/15 15:42	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/11/15 15:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/11/15 15:42	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/11/15 15:42	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/11/15 15:42	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/11/15 15:42	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/11/15 15:42	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/11/15 15:42	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/11/15 15:42	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/11/15 15:42	1
Styrene	0.98	U	2.0	0.98	ug/L			11/11/15 15:42	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/11/15 15:42	1

Client Sample ID: EW2001_INF

Lab Sample ID: 660-70273-1

Date Collected: 11/03/15 10:03

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/11/15 15:42	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/11/15 15:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/11/15 15:42	1
Toluene	0.51	U	1.0	0.51	ug/L			11/11/15 15:42	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 15:42	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/11/15 15:42	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/11/15 15:42	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 15:42	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 15:42	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 15:42	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/11/15 15:42	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 15:42	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/11/15 15:42	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/11/15 15:42	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/11/15 15:42	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/11/15 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/11/15 15:42*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/11/15 15:42*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/11/15 15:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/11/15 13:45	1

Client Sample ID: EW2002_INF

Lab Sample ID: 660-70273-2

Date Collected: 11/03/15 10:12

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/11/15 16:00	1
Benzene	0.50	U	1.0	0.50	ug/L			11/11/15 16:00	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 16:00	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/11/15 16:00	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:00	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/11/15 16:00	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/11/15 16:00	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/11/15 16:00	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/11/15 16:00	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/11/15 16:00	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/11/15 16:00	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:00	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/11/15 16:00	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/11/15 16:00	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/11/15 16:00	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/11/15 16:00	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/11/15 16:00	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/11/15 16:00	1

Client Sample ID: EW2002_INF
Date Collected: 11/03/15 10:12
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/11/15 16:00	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/11/15 16:00	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/11/15 16:00	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/11/15 16:00	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/11/15 16:00	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/11/15 16:00	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:00	1
1,1-Dichloroethane	**0.85**	**I**	1.0	0.52	ug/L			11/11/15 16:00	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/11/15 16:00	1
1,1-Dichloroethene	**0.83**	**I**	1.0	0.67	ug/L			11/11/15 16:00	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/11/15 16:00	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/11/15 16:00	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/11/15 16:00	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/11/15 16:00	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/11/15 16:00	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/11/15 16:00	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/11/15 16:00	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/11/15 16:00	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/11/15 16:00	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/11/15 16:00	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/11/15 16:00	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/11/15 16:00	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/11/15 16:00	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/11/15 16:00	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/11/15 16:00	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/11/15 16:00	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/11/15 16:00	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/11/15 16:00	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/11/15 16:00	1
Styrene	0.98	U	2.0	0.98	ug/L			11/11/15 16:00	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/11/15 16:00	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/11/15 16:00	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/11/15 16:00	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/11/15 16:00	1
Toluene	0.51	U	1.0	0.51	ug/L			11/11/15 16:00	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 16:00	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/11/15 16:00	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/11/15 16:00	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 16:00	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 16:00	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 16:00	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/11/15 16:00	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:00	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/11/15 16:00	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/11/15 16:00	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/11/15 16:00	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/11/15 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/11/15 16:00*	*1*

Client Sample ID: EW2002_INF

Lab Sample ID: 660-70273-2

Date Collected: 11/03/15 10:12

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*104*		*70 - 130*		*11/11/15 16:00*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/11/15 16:00*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.5**		2.0	1.0	ug/L			11/11/15 15:18	1

Client Sample ID: EW2003_INF

Lab Sample ID: 660-70273-3

Date Collected: 11/03/15 10:31

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/11/15 16:19	1
Benzene	0.50	U	1.0	0.50	ug/L			11/11/15 16:19	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 16:19	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/11/15 16:19	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:19	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/11/15 16:19	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/11/15 16:19	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/11/15 16:19	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/11/15 16:19	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/11/15 16:19	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/11/15 16:19	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:19	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/11/15 16:19	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/11/15 16:19	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/11/15 16:19	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/11/15 16:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/11/15 16:19	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/11/15 16:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/11/15 16:19	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/11/15 16:19	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/11/15 16:19	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/11/15 16:19	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/11/15 16:19	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/11/15 16:19	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:19	1
1,1-Dichloroethane	**2.1**		1.0	0.52	ug/L			11/11/15 16:19	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/11/15 16:19	1
1,1-Dichloroethene	**2.4**		1.0	0.67	ug/L			11/11/15 16:19	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/11/15 16:19	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/11/15 16:19	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/11/15 16:19	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/11/15 16:19	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/11/15 16:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/11/15 16:19	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/11/15 16:19	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/11/15 16:19	1

Client Sample ID: EW2003_INF

Date Collected: 11/03/15 10:31
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/11/15 16:19	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/11/15 16:19	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/11/15 16:19	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/11/15 16:19	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/11/15 16:19	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/11/15 16:19	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/11/15 16:19	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/11/15 16:19	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/11/15 16:19	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/11/15 16:19	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/11/15 16:19	1
Styrene	0.98	U	2.0	0.98	ug/L			11/11/15 16:19	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/11/15 16:19	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/11/15 16:19	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/11/15 16:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/11/15 16:19	1
Toluene	0.51	U	1.0	0.51	ug/L			11/11/15 16:19	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 16:19	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/11/15 16:19	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/11/15 16:19	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 16:19	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 16:19	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 16:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/11/15 16:19	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:19	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/11/15 16:19	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/11/15 16:19	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/11/15 16:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/11/15 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/11/15 16:19*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/11/15 16:19*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/11/15 16:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**9.6**		2.0	1.0	ug/L			11/11/15 15:36	1

Client Sample ID: EW2004_INF

Date Collected: 11/03/15 11:03
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/11/15 16:37	1
Benzene	0.50	U	1.0	0.50	ug/L			11/11/15 16:37	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 16:37	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/11/15 16:37	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:37	1

Client Sample ID: EW2004_INF
Date Collected: 11/03/15 11:03
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/11/15 16:37	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/11/15 16:37	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/11/15 16:37	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/11/15 16:37	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/11/15 16:37	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/11/15 16:37	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:37	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/11/15 16:37	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/11/15 16:37	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/11/15 16:37	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/11/15 16:37	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/11/15 16:37	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/11/15 16:37	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/11/15 16:37	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/11/15 16:37	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/11/15 16:37	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/11/15 16:37	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/11/15 16:37	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/11/15 16:37	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:37	1
1,1-Dichloroethane	**3.8**		1.0	0.52	ug/L			11/11/15 16:37	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/11/15 16:37	1
1,1-Dichloroethene	**5.9**		1.0	0.67	ug/L			11/11/15 16:37	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/11/15 16:37	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/11/15 16:37	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/11/15 16:37	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/11/15 16:37	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/11/15 16:37	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/11/15 16:37	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/11/15 16:37	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/11/15 16:37	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/11/15 16:37	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/11/15 16:37	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/11/15 16:37	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/11/15 16:37	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/11/15 16:37	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/11/15 16:37	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/11/15 16:37	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/11/15 16:37	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/11/15 16:37	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/11/15 16:37	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/11/15 16:37	1
Styrene	0.98	U	2.0	0.98	ug/L			11/11/15 16:37	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/11/15 16:37	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/11/15 16:37	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/11/15 16:37	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/11/15 16:37	1
Toluene	0.51	U	1.0	0.51	ug/L			11/11/15 16:37	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 16:37	1

Client Sample ID: EW2004_INF

Lab Sample ID: 660-70273-4

Date Collected: 11/03/15 11:03

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/11/15 16:37	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/11/15 16:37	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 16:37	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 16:37	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 16:37	1
Trichloroethene	**0.90**	**I**	1.0	0.61	ug/L			11/11/15 16:37	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:37	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/11/15 16:37	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/11/15 16:37	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/11/15 16:37	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/11/15 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/11/15 16:37*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*11/11/15 16:37*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/11/15 16:37*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**12**		2.0	1.0	ug/L			11/11/15 15:55	1

Client Sample ID: EW2005_INF

Lab Sample ID: 660-70273-5

Date Collected: 11/03/15 11:15

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/11/15 16:56	1
Benzene	0.50	U	1.0	0.50	ug/L			11/11/15 16:56	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 16:56	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/11/15 16:56	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:56	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/11/15 16:56	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/11/15 16:56	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/11/15 16:56	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/11/15 16:56	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/11/15 16:56	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/11/15 16:56	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:56	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/11/15 16:56	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/11/15 16:56	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/11/15 16:56	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/11/15 16:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/11/15 16:56	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/11/15 16:56	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/11/15 16:56	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/11/15 16:56	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/11/15 16:56	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/11/15 16:56	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/11/15 16:56	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2005_INF
Date Collected: 11/03/15 11:15
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/11/15 16:56	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:56	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/11/15 16:56	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/11/15 16:56	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 16:56	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/11/15 16:56	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/11/15 16:56	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/11/15 16:56	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/11/15 16:56	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/11/15 16:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/11/15 16:56	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/11/15 16:56	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/11/15 16:56	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/11/15 16:56	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/11/15 16:56	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/11/15 16:56	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/11/15 16:56	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/11/15 16:56	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/11/15 16:56	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/11/15 16:56	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/11/15 16:56	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/11/15 16:56	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/11/15 16:56	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/11/15 16:56	1
Styrene	0.98	U	2.0	0.98	ug/L			11/11/15 16:56	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/11/15 16:56	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/11/15 16:56	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/11/15 16:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/11/15 16:56	1
Toluene	0.51	U	1.0	0.51	ug/L			11/11/15 16:56	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 16:56	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/11/15 16:56	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/11/15 16:56	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 16:56	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 16:56	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 16:56	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/11/15 16:56	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 16:56	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/11/15 16:56	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/11/15 16:56	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/11/15 16:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/11/15 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/11/15 16:56*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/11/15 16:56*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/11/15 16:56*	*1*

Client Sample ID: EW2005_INF

Date Collected: 11/03/15 11:15
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-5
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/11/15 16:13	1

Client Sample ID: EW2006_INF

Date Collected: 11/03/15 11:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/11/15 17:15	1
Benzene	0.50	U	1.0	0.50	ug/L			11/11/15 17:15	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 17:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/11/15 17:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/11/15 17:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/11/15 17:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/11/15 17:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/11/15 17:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/11/15 17:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/11/15 17:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/11/15 17:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/11/15 17:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/11/15 17:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/11/15 17:15	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/11/15 17:15	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/11/15 17:15	1
cis-1,2-Dichloroethene	**1.4**		1.0	0.65	ug/L			11/11/15 17:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/11/15 17:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/11/15 17:15	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/11/15 17:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/11/15 17:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/11/15 17:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/11/15 17:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/11/15 17:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 17:15	1
1,1-Dichloroethane	**2.0**		1.0	0.52	ug/L			11/11/15 17:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/11/15 17:15	1
1,1-Dichloroethene	**6.6**		1.0	0.67	ug/L			11/11/15 17:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/11/15 17:15	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/11/15 17:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/11/15 17:15	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/11/15 17:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/11/15 17:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/11/15 17:15	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/11/15 17:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/11/15 17:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/11/15 17:15	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/11/15 17:15	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/11/15 17:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/11/15 17:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/11/15 17:15	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/11/15 17:15	1

Client Sample ID: EW2006_INF

Date Collected: 11/03/15 11:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			11/11/15 17:15	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/11/15 17:15	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/11/15 17:15	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/11/15 17:15	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/11/15 17:15	1
Styrene	0.98	U	2.0	0.98	ug/L			11/11/15 17:15	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/11/15 17:15	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/11/15 17:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/11/15 17:15	1
Tetrachloroethene	**1.8**		1.0	0.50	ug/L			11/11/15 17:15	1
Toluene	0.51	U	1.0	0.51	ug/L			11/11/15 17:15	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 17:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/11/15 17:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/11/15 17:15	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 17:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 17:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 17:15	1
Trichloroethene	**19**		1.0	0.61	ug/L			11/11/15 17:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 17:15	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/11/15 17:15	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/11/15 17:15	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/11/15 17:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/11/15 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/11/15 17:15*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*11/11/15 17:15*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/11/15 17:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.0**		2.0	1.0	ug/L			11/11/15 16:32	1

Client Sample ID: EW2007_INF

Date Collected: 11/03/15 11:30
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/11/15 17:52	1
Benzene	0.50	U	1.0	0.50	ug/L			11/11/15 17:52	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 17:52	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/11/15 17:52	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/11/15 17:52	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/11/15 17:52	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/11/15 17:52	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/11/15 17:52	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/11/15 17:52	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/11/15 17:52	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/11/15 17:52	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2007_INF
Date Collected: 11/03/15 11:30
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			11/11/15 17:52	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/11/15 17:52	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/11/15 17:52	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/11/15 17:52	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/11/15 17:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/11/15 17:52	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/11/15 17:52	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/11/15 17:52	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/11/15 17:52	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/11/15 17:52	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/11/15 17:52	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/11/15 17:52	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/11/15 17:52	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 17:52	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/11/15 17:52	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/11/15 17:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 17:52	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/11/15 17:52	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/11/15 17:52	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/11/15 17:52	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/11/15 17:52	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/11/15 17:52	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/11/15 17:52	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/11/15 17:52	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/11/15 17:52	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/11/15 17:52	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/11/15 17:52	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/11/15 17:52	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/11/15 17:52	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/11/15 17:52	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/11/15 17:52	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/11/15 17:52	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/11/15 17:52	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/11/15 17:52	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/11/15 17:52	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/11/15 17:52	1
Styrene	0.98	U	2.0	0.98	ug/L			11/11/15 17:52	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/11/15 17:52	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/11/15 17:52	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/11/15 17:52	1
Tetrachloroethene	**0.58**	**I**	1.0	0.50	ug/L			11/11/15 17:52	1
Toluene	0.51	U	1.0	0.51	ug/L			11/11/15 17:52	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 17:52	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/11/15 17:52	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/11/15 17:52	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 17:52	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 17:52	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 17:52	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/11/15 17:52	1

Client Sample ID: EW2007_INF

Lab Sample ID: 660-70273-7

Date Collected: 11/03/15 11:30

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 17:52	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/11/15 17:52	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/11/15 17:52	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/11/15 17:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/11/15 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/11/15 17:52*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/11/15 17:52*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/11/15 17:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/11/15 16:51	1

Client Sample ID: EW2008_INF

Lab Sample ID: 660-70273-8

Date Collected: 11/03/15 07:28

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/11/15 18:11	1
Benzene	0.50	U	1.0	0.50	ug/L			11/11/15 18:11	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 18:11	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/11/15 18:11	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/11/15 18:11	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/11/15 18:11	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/11/15 18:11	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/11/15 18:11	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/11/15 18:11	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/11/15 18:11	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/11/15 18:11	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/11/15 18:11	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/11/15 18:11	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/11/15 18:11	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/11/15 18:11	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/11/15 18:11	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/11/15 18:11	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/11/15 18:11	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/11/15 18:11	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/11/15 18:11	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/11/15 18:11	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/11/15 18:11	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/11/15 18:11	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/11/15 18:11	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 18:11	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/11/15 18:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/11/15 18:11	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 18:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/11/15 18:11	1

Client Sample ID: EW2008_INF

Date Collected: 11/03/15 07:28
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-8

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/11/15 18:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/11/15 18:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/11/15 18:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/11/15 18:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/11/15 18:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/11/15 18:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/11/15 18:11	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/11/15 18:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/11/15 18:11	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/11/15 18:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/11/15 18:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/11/15 18:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/11/15 18:11	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/11/15 18:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/11/15 18:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/11/15 18:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/11/15 18:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/11/15 18:11	1
Styrene	0.98	U	2.0	0.98	ug/L			11/11/15 18:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/11/15 18:11	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/11/15 18:11	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/11/15 18:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/11/15 18:11	1
Toluene	0.51	U	1.0	0.51	ug/L			11/11/15 18:11	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 18:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/11/15 18:11	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/11/15 18:11	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 18:11	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 18:11	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 18:11	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/11/15 18:11	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 18:11	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/11/15 18:11	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/11/15 18:11	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/11/15 18:11	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/11/15 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/11/15 18:11*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*11/11/15 18:11*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/11/15 18:11*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.1**		2.0	1.0	ug/L			11/11/15 17:10	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2009_INF
Date Collected: 11/03/15 07:33
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 10:24	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 10:24	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 10:24	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 10:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 10:24	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 10:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 10:24	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 10:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 10:24	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 10:24	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 10:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 10:24	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 10:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 10:24	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 10:24	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 10:24	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/12/15 10:24	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 10:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 10:24	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 10:24	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 10:24	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 10:24	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 10:24	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 10:24	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 10:24	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/12/15 10:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 10:24	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 10:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 10:24	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 10:24	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 10:24	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 10:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 10:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 10:24	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 10:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 10:24	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 10:24	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 10:24	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 10:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 10:24	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 10:24	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 10:24	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 10:24	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 10:24	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 10:24	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 10:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 10:24	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 10:24	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 10:24	1

Client Sample ID: EW2009_INF

Date Collected: 11/03/15 07:33
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 10:24	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 10:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/12/15 10:24	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 10:24	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 10:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 10:24	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 10:24	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 10:24	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 10:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 10:24	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/12/15 10:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 10:24	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 10:24	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 10:24	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 10:24	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 10:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/12/15 10:24*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/12/15 10:24*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/12/15 10:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.4**	**I**	2.0	1.0	ug/L			11/11/15 17:28	1

Client Sample ID: EW2010_INF

Date Collected: 11/03/15 07:45
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-10

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 10:43	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 10:43	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 10:43	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 10:43	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 10:43	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 10:43	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 10:43	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 10:43	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 10:43	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 10:43	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 10:43	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 10:43	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 10:43	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 10:43	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 10:43	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 10:43	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/12/15 10:43	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 10:43	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2010_INF
Date Collected: 11/03/15 07:45
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 10:43	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 10:43	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 10:43	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 10:43	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 10:43	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 10:43	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 10:43	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/12/15 10:43	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 10:43	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 10:43	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 10:43	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 10:43	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 10:43	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 10:43	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 10:43	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 10:43	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 10:43	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 10:43	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 10:43	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 10:43	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 10:43	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 10:43	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 10:43	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 10:43	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 10:43	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 10:43	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 10:43	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 10:43	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 10:43	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 10:43	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 10:43	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 10:43	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 10:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/12/15 10:43	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 10:43	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 10:43	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 10:43	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 10:43	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 10:43	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 10:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 10:43	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/12/15 10:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 10:43	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 10:43	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 10:43	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 10:43	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/12/15 10:43*	*1*

Client Sample ID: EW2010_INF

Lab Sample ID: 660-70273-10

Date Collected: 11/03/15 07:45

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*105*		*70 - 130*		*11/12/15 10:43*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/12/15 10:43*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.0**		2.0	1.0	ug/L			11/11/15 17:47	1

Client Sample ID: EW2011_INF

Lab Sample ID: 660-70273-11

Date Collected: 11/03/15 08:03

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 12:23	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 12:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 12:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 12:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 12:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 12:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 12:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 12:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 12:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 12:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 12:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 12:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 12:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 12:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 12:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 12:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/12/15 12:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 12:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 12:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 12:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 12:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 12:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 12:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 12:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 12:23	1
1,1-Dichloroethane	**0.91**	**I**	1.0	0.52	ug/L			11/12/15 12:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 12:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 12:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 12:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 12:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 12:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 12:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 12:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 12:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 12:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 12:23	1

Client Sample ID: EW2011_INF

Date Collected: 11/03/15 08:03
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-11

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 12:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 12:23	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 12:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 12:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 12:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 12:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 12:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 12:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 12:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 12:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 12:23	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 12:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 12:23	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 12:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 12:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/12/15 12:23	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 12:23	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 12:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 12:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 12:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 12:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 12:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 12:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/12/15 12:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 12:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 12:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 12:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 12:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/12/15 12:23*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/12/15 12:23*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/12/15 12:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.5**		2.0	1.0	ug/L			11/11/15 18:05	1

Client Sample ID: EW2012_INF

Date Collected: 11/03/15 08:32
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-12

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 12:42	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 12:42	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 12:42	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 12:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 12:42	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2012_INF
Date Collected: 11/03/15 08:32
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 12:42	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 12:42	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 12:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 12:42	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 12:42	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 12:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 12:42	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 12:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 12:42	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 12:42	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 12:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/12/15 12:42	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 12:42	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 12:42	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 12:42	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 12:42	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 12:42	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 12:42	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 12:42	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 12:42	1
1,1-Dichloroethane	**5.2**		1.0	0.52	ug/L			11/12/15 12:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 12:42	1
1,1-Dichloroethene	**3.6**		1.0	0.67	ug/L			11/12/15 12:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 12:42	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 12:42	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 12:42	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 12:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 12:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 12:42	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 12:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 12:42	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 12:42	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 12:42	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 12:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 12:42	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 12:42	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 12:42	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 12:42	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 12:42	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 12:42	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 12:42	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 12:42	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 12:42	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 12:42	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 12:42	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 12:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/12/15 12:42	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 12:42	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 12:42	1

Client Sample ID: EW2012_INF

Lab Sample ID: 660-70273-12

Date Collected: 11/03/15 08:32

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 12:42	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 12:42	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 12:42	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 12:42	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 12:42	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/12/15 12:42	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 12:42	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 12:42	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 12:42	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 12:42	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/12/15 12:42*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/12/15 12:42*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/12/15 12:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**25**		2.0	1.0	ug/L			11/11/15 18:23	1

Client Sample ID: EW2013_INF

Lab Sample ID: 660-70273-13

Date Collected: 11/03/15 08:25

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 13:01	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 13:01	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 13:01	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 13:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:01	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 13:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 13:01	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 13:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 13:01	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 13:01	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 13:01	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:01	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 13:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 13:01	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 13:01	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 13:01	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/12/15 13:01	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 13:01	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 13:01	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 13:01	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 13:01	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 13:01	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 13:01	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2013_INF
Date Collected: 11/03/15 08:25
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 13:01	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:01	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/12/15 13:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 13:01	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 13:01	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 13:01	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 13:01	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 13:01	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 13:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 13:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 13:01	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 13:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 13:01	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 13:01	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 13:01	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 13:01	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 13:01	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 13:01	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 13:01	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 13:01	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 13:01	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 13:01	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 13:01	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 13:01	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 13:01	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 13:01	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 13:01	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 13:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/12/15 13:01	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 13:01	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 13:01	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 13:01	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 13:01	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 13:01	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 13:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 13:01	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/12/15 13:01	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:01	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 13:01	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 13:01	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 13:01	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/12/15 13:01*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/12/15 13:01*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/12/15 13:01*	*1*

Client Sample ID: EW2013_INF

Lab Sample ID: 660-70273-13

Date Collected: 11/03/15 08:25

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/11/15 18:43	1

Client Sample ID: EW2014_INF

Lab Sample ID: 660-70273-14

Date Collected: 11/03/15 09:11

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 16:27	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 16:27	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 16:27	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 16:27	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 16:27	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 16:27	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 16:27	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 16:27	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 16:27	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 16:27	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 16:27	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 16:27	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 16:27	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 16:27	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 16:27	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 16:27	1
cis-1,2-Dichloroethene	**3.7**		1.0	0.65	ug/L			11/12/15 16:27	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 16:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 16:27	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 16:27	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 16:27	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 16:27	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 16:27	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 16:27	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 16:27	1
1,1-Dichloroethane	**0.57**	**I**	1.0	0.52	ug/L			11/12/15 16:27	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 16:27	1
1,1-Dichloroethene	**1.0**		1.0	0.67	ug/L			11/12/15 16:27	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 16:27	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 16:27	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 16:27	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 16:27	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 16:27	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 16:27	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 16:27	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 16:27	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 16:27	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 16:27	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 16:27	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 16:27	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 16:27	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 16:27	1

Client Sample ID: EW2014_INF

Date Collected: 11/03/15 09:11
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-14

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 16:27	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 16:27	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 16:27	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 16:27	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 16:27	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 16:27	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 16:27	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 16:27	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 16:27	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/12/15 16:27	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 16:27	1
trans-1,2-Dichloroethene	**1.2**		1.0	0.67	ug/L			11/12/15 16:27	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 16:27	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 16:27	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 16:27	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 16:27	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 16:27	1
Trichloroethene	**73**		1.0	0.61	ug/L			11/12/15 16:27	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 16:27	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 16:27	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 16:27	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 16:27	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/12/15 16:27*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/12/15 16:27*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/12/15 16:27*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**9.7**		2.0	1.0	ug/L			11/11/15 19:03	1

Client Sample ID: EW2015_INF

Date Collected: 11/03/15 08:53
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-15

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 13:20	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 13:20	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 13:20	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 13:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:20	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 13:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 13:20	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 13:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 13:20	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 13:20	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 13:20	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2015_INF
Date Collected: 11/03/15 08:53
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 13:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 13:20	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 13:20	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 13:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/12/15 13:20	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 13:20	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 13:20	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 13:20	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 13:20	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 13:20	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 13:20	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 13:20	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:20	1
1,1-Dichloroethane	**1.3**		1.0	0.52	ug/L			11/12/15 13:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 13:20	1
1,1-Dichloroethene	**0.69**	**I**	1.0	0.67	ug/L			11/12/15 13:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 13:20	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 13:20	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 13:20	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 13:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 13:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 13:20	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 13:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 13:20	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 13:20	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 13:20	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 13:20	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 13:20	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 13:20	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 13:20	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 13:20	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 13:20	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 13:20	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 13:20	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 13:20	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 13:20	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 13:20	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 13:20	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 13:20	1
Tetrachloroethene	**0.55**	**I**	1.0	0.50	ug/L			11/12/15 13:20	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 13:20	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 13:20	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 13:20	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 13:20	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 13:20	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 13:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 13:20	1
Trichloroethene	**4.7**		1.0	0.61	ug/L			11/12/15 13:20	1

Client Sample ID: EW2015_INF

Lab Sample ID: 660-70273-15

Date Collected: 11/03/15 08:53

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:20	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 13:20	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 13:20	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 13:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/12/15 13:20*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/12/15 13:20*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/12/15 13:20*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/11/15 19:21	1

Client Sample ID: EW2016_INF

Lab Sample ID: 660-70273-16

Date Collected: 11/04/15 15:52

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 13:38	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 13:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 13:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 13:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 13:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 13:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 13:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 13:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 13:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 13:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 13:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 13:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 13:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 13:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/12/15 13:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 13:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 13:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 13:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 13:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 13:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 13:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 13:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/12/15 13:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 13:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 13:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 13:38	1

Client Sample ID: EW2016_INF

Date Collected: 11/04/15 15:52
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-16

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 13:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 13:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 13:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 13:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 13:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 13:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 13:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 13:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 13:38	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 13:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 13:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 13:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 13:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 13:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 13:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 13:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 13:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 13:38	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 13:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 13:38	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 13:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 13:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/12/15 13:38	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 13:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 13:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 13:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 13:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 13:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 13:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 13:38	1
Trichloroethene	**5.3**		1.0	0.61	ug/L			11/12/15 13:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 13:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 13:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 13:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/12/15 13:38*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/12/15 13:38*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/12/15 13:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.1**	**I**	2.0	1.0	ug/L			11/11/15 19:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2017_INF
Date Collected: 11/04/15 15:24
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 13:57	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 13:57	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 13:57	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 13:57	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:57	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 13:57	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 13:57	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 13:57	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 13:57	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 13:57	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 13:57	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:57	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 13:57	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 13:57	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 13:57	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 13:57	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/12/15 13:57	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 13:57	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 13:57	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 13:57	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 13:57	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 13:57	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 13:57	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 13:57	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:57	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/12/15 13:57	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 13:57	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 13:57	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 13:57	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 13:57	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 13:57	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 13:57	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 13:57	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 13:57	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 13:57	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 13:57	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 13:57	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 13:57	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 13:57	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 13:57	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 13:57	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 13:57	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 13:57	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 13:57	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 13:57	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 13:57	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 13:57	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 13:57	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 13:57	1

Client Sample ID: EW2017_INF

Date Collected: 11/04/15 15:24
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-17

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 13:57	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 13:57	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/12/15 13:57	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 13:57	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 13:57	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 13:57	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 13:57	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 13:57	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 13:57	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 13:57	1
Trichloroethene	**0.96**	**I**	1.0	0.61	ug/L			11/12/15 13:57	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 13:57	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 13:57	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 13:57	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 13:57	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/12/15 13:57*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/12/15 13:57*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/12/15 13:57*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/11/15 20:00	1

Client Sample ID: EW2018_INF

Date Collected: 11/04/15 15:42
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-18

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 14:16	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 14:16	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 14:16	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 14:16	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 14:16	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 14:16	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 14:16	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 14:16	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 14:16	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 14:16	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 14:16	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 14:16	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 14:16	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 14:16	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 14:16	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 14:16	1
cis-1,2-Dichloroethene	**19**		1.0	0.65	ug/L			11/12/15 14:16	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 14:16	1

Client Sample ID: EW2018_INF
Date Collected: 11/04/15 15:42
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 14:16	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 14:16	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 14:16	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 14:16	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 14:16	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 14:16	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 14:16	1
1,1-Dichloroethane	**1.2**		1.0	0.52	ug/L			11/12/15 14:16	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 14:16	1
1,1-Dichloroethene	**1.6**		1.0	0.67	ug/L			11/12/15 14:16	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 14:16	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 14:16	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 14:16	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 14:16	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 14:16	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 14:16	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 14:16	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 14:16	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 14:16	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 14:16	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 14:16	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 14:16	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 14:16	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 14:16	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 14:16	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 14:16	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 14:16	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 14:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 14:16	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 14:16	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 14:16	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 14:16	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 14:16	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/12/15 14:16	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 14:16	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 14:16	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 14:16	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 14:16	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 14:16	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 14:16	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 14:16	1
Trichloroethene	**14**		1.0	0.61	ug/L			11/12/15 14:16	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 14:16	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 14:16	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 14:16	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 14:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/12/15 14:16*	*1*

Client Sample ID: EW2018_INF

Lab Sample ID: 660-70273-18

Date Collected: 11/04/15 15:42

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*105*		*70 - 130*		*11/12/15 14:16*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/12/15 14:16*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.8**		2.0	1.0	ug/L			11/11/15 20:18	1

Client Sample ID: EW2019_INF

Lab Sample ID: 660-70273-19

Date Collected: 11/04/15 16:02

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 14:35	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 14:35	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 14:35	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 14:35	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 14:35	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 14:35	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 14:35	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 14:35	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 14:35	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 14:35	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 14:35	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 14:35	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 14:35	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 14:35	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 14:35	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 14:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/12/15 14:35	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 14:35	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 14:35	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 14:35	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 14:35	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 14:35	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 14:35	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 14:35	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 14:35	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/12/15 14:35	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 14:35	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 14:35	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 14:35	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 14:35	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 14:35	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 14:35	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 14:35	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 14:35	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 14:35	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 14:35	1

Client Sample ID: EW2019_INF

Date Collected: 11/04/15 16:02
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-19

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 14:35	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 14:35	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 14:35	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 14:35	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 14:35	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 14:35	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 14:35	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 14:35	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 14:35	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 14:35	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 14:35	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 14:35	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 14:35	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 14:35	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 14:35	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/12/15 14:35	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 14:35	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 14:35	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 14:35	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 14:35	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 14:35	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 14:35	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 14:35	1
Trichloroethene	**4.6**		1.0	0.61	ug/L			11/12/15 14:35	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 14:35	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 14:35	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 14:35	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 14:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/12/15 14:35*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/12/15 14:35*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/12/15 14:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/11/15 20:39	1

Client Sample ID: EW2020_INF

Date Collected: 11/04/15 15:48
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-20

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 14:53	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 14:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 14:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 14:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 14:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2020_INF
Date Collected: 11/04/15 15:48
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 14:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 14:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 14:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 14:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 14:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 14:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 14:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 14:53	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 14:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 14:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 14:53	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/12/15 14:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 14:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 14:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 14:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 14:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 14:53	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 14:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 14:53	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 14:53	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/12/15 14:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 14:53	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 14:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 14:53	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 14:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 14:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 14:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 14:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 14:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 14:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 14:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 14:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 14:53	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 14:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 14:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 14:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 14:53	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 14:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 14:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 14:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 14:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 14:53	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 14:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 14:53	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 14:53	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 14:53	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/12/15 14:53	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 14:53	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 14:53	1

Client Sample ID: EW2020_INF

Lab Sample ID: 660-70273-20

Date Collected: 11/04/15 15:48

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 14:53	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 14:53	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 14:53	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 14:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 14:53	1
Trichloroethene	**5.2**		1.0	0.61	ug/L			11/12/15 14:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 14:53	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 14:53	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 14:53	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 14:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/12/15 14:53*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*11/12/15 14:53*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/12/15 14:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 13:43	1

Client Sample ID: EW2021_INF

Lab Sample ID: 660-70273-21

Date Collected: 11/04/15 16:48

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 15:12	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 15:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 15:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 15:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 15:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 15:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 15:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 15:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 15:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 15:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 15:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 15:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 15:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 15:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 15:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 15:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/12/15 15:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 15:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 15:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 15:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 15:12	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 15:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 15:12	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2021_INF
Date Collected: 11/04/15 16:48
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 15:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 15:12	1
1,1-Dichloroethane	**1.7**		1.0	0.52	ug/L			11/12/15 15:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 15:12	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 15:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 15:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 15:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 15:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 15:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 15:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 15:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 15:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 15:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 15:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 15:12	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 15:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 15:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 15:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 15:12	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 15:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 15:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 15:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 15:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 15:12	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 15:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 15:12	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 15:12	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 15:12	1
Tetrachloroethene	**1.8**		1.0	0.50	ug/L			11/12/15 15:12	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 15:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 15:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 15:12	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 15:12	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 15:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 15:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 15:12	1
Trichloroethene	**8.1**		1.0	0.61	ug/L			11/12/15 15:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 15:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 15:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 15:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 15:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/12/15 15:12*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/12/15 15:12*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/12/15 15:12*	*1*

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2021_INF

Lab Sample ID: 660-70273-21

Date Collected: 11/04/15 16:48

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 15:04	1

Client Sample ID: EW2022_INF

Lab Sample ID: 660-70273-22

Date Collected: 11/04/15 08:50

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 15:31	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 15:31	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 15:31	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 15:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 15:31	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 15:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 15:31	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 15:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 15:31	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 15:31	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 15:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 15:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 15:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 15:31	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 15:31	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 15:31	1
cis-1,2-Dichloroethene	**3.4**		1.0	0.65	ug/L			11/12/15 15:31	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 15:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 15:31	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 15:31	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 15:31	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 15:31	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 15:31	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 15:31	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 15:31	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/12/15 15:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 15:31	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 15:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 15:31	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 15:31	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 15:31	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 15:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 15:31	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 15:31	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 15:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 15:31	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 15:31	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 15:31	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 15:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 15:31	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 15:31	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 15:31	1

Client Sample ID: EW2022_INF

Date Collected: 11/04/15 08:50
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 15:31	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 15:31	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 15:31	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 15:31	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 15:31	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 15:31	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 15:31	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 15:31	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 15:31	1
Tetrachloroethene	**2.2**		1.0	0.50	ug/L			11/12/15 15:31	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 15:31	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 15:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 15:31	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 15:31	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 15:31	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 15:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 15:31	1
Trichloroethene	**4.2**		1.0	0.61	ug/L			11/12/15 15:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 15:31	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 15:31	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 15:31	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 15:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/12/15 15:31*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*11/12/15 15:31*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/12/15 15:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 15:22	1

Client Sample ID: EW2023_INF

Date Collected: 11/04/15 16:08
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 15:50	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 15:50	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 15:50	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 15:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 15:50	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 15:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 15:50	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 15:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 15:50	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 15:50	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 15:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2023_INF
Date Collected: 11/04/15 16:08
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 15:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 15:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 15:50	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 15:50	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 15:50	1
cis-1,2-Dichloroethene	**5.9**		1.0	0.65	ug/L			11/12/15 15:50	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 15:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 15:50	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 15:50	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 15:50	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 15:50	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 15:50	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 15:50	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 15:50	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/12/15 15:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 15:50	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 15:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 15:50	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 15:50	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 15:50	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 15:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 15:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 15:50	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 15:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 15:50	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 15:50	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 15:50	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 15:50	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 15:50	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 15:50	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 15:50	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 15:50	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 15:50	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 15:50	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 15:50	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 15:50	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 15:50	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 15:50	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 15:50	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 15:50	1
Tetrachloroethene	**1.3**		1.0	0.50	ug/L			11/12/15 15:50	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 15:50	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 15:50	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 15:50	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 15:50	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 15:50	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 15:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 15:50	1
Trichloroethene	**5.3**		1.0	0.61	ug/L			11/12/15 15:50	1

Client Sample ID: EW2023_INF

Lab Sample ID: 660-70273-23

Date Collected: 11/04/15 16:08

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 15:50	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 15:50	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 15:50	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 15:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/12/15 15:50*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/12/15 15:50*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/12/15 15:50*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 15:41	1

Client Sample ID: EW2024_INF

Lab Sample ID: 660-70273-24

Date Collected: 11/02/15 13:20

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 13:53	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 13:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 13:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 13:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:53	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 13:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 13:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 13:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 13:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 13:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 13:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 13:53	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 13:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 13:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 13:53	1
cis-1,2-Dichloroethene	**2.3**		1.0	0.65	ug/L			11/13/15 13:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 13:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 13:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 13:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 13:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 13:53	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 13:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 13:53	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:53	1
1,1-Dichloroethane	**3.5**		1.0	0.52	ug/L			11/13/15 13:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 13:53	1
1,1-Dichloroethene	**1.3**		1.0	0.67	ug/L			11/13/15 13:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 13:53	1

Client Sample ID: EW2024_INF
Date Collected: 11/02/15 13:20
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 13:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 13:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 13:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 13:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 13:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 13:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 13:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 13:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 13:53	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 13:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 13:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 13:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 13:53	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 13:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 13:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 13:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 13:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 13:53	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 13:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 13:53	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 13:53	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 13:53	1
Tetrachloroethene	**6.9**		1.0	0.50	ug/L			11/13/15 13:53	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 13:53	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 13:53	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 13:53	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 13:53	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 13:53	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 13:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 13:53	1
Trichloroethene	**42**		1.0	0.61	ug/L			11/13/15 13:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:53	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 13:53	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 13:53	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 13:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/13/15 13:53*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*11/13/15 13:53*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/13/15 13:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.4**		2.0	1.0	ug/L			11/12/15 16:00	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2025_INF
Date Collected: 11/04/15 16:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 10:36	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 10:36	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 10:36	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 10:36	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:36	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 10:36	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 10:36	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 10:36	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 10:36	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 10:36	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 10:36	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:36	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 10:36	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 10:36	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 10:36	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 10:36	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/13/15 10:36	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 10:36	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 10:36	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 10:36	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 10:36	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 10:36	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 10:36	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 10:36	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:36	1
1,1-Dichloroethane	**0.97**	**I**	1.0	0.52	ug/L			11/13/15 10:36	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 10:36	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 10:36	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 10:36	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 10:36	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 10:36	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 10:36	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 10:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 10:36	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 10:36	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 10:36	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 10:36	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 10:36	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 10:36	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 10:36	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 10:36	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 10:36	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 10:36	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 10:36	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 10:36	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 10:36	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 10:36	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 10:36	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 10:36	1

Client Sample ID: EW2025_INF

Lab Sample ID: 660-70273-25

Date Collected: 11/04/15 16:26

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 10:36	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 10:36	1
Tetrachloroethene	**2.7**		1.0	0.50	ug/L			11/13/15 10:36	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 10:36	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 10:36	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 10:36	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 10:36	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 10:36	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 10:36	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 10:36	1
Trichloroethene	**7.7**		1.0	0.61	ug/L			11/13/15 10:36	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:36	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 10:36	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 10:36	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 10:36	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 10:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/13/15 10:36*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*11/13/15 10:36*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/13/15 10:36*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 16:18	1

Client Sample ID: EW2026_INF

Lab Sample ID: 660-70273-26

Date Collected: 11/04/15 13:50

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 10:55	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 10:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 10:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 10:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 10:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 10:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 10:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 10:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 10:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 10:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 10:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 10:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 10:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 10:55	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.65	ug/L			11/13/15 10:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 10:55	1

Client Sample ID: EW2026_INF
Date Collected: 11/04/15 13:50
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 10:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 10:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 10:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 10:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 10:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 10:55	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/13/15 10:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 10:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 10:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 10:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 10:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 10:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 10:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 10:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 10:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 10:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 10:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 10:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 10:55	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 10:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 10:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 10:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 10:55	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 10:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 10:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 10:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 10:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 10:55	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 10:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 10:55	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 10:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 10:55	1
Tetrachloroethene	**15**		1.0	0.50	ug/L			11/13/15 10:55	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 10:55	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 10:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 10:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 10:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 10:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 10:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 10:55	1
Trichloroethene	**20**		1.0	0.61	ug/L			11/13/15 10:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 10:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 10:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 10:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 10:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/13/15 10:55*	*1*

Client Sample ID: EW2026_INF

Lab Sample ID: 660-70273-26

Date Collected: 11/04/15 13:50

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*105*		*70 - 130*		*11/13/15 10:55*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/13/15 10:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 16:37	1

Client Sample ID: EW2027_INF

Lab Sample ID: 660-70273-27

Date Collected: 11/04/15 13:32

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 12:20	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 12:20	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 12:20	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 12:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:20	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 12:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 12:20	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 12:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 12:20	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 12:20	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 12:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 12:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 12:20	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 12:20	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 12:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/13/15 12:20	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 12:20	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 12:20	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 12:20	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 12:20	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 12:20	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 12:20	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 12:20	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:20	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/13/15 12:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 12:20	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 12:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 12:20	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 12:20	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 12:20	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 12:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 12:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 12:20	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 12:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 12:20	1

Client Sample ID: EW2027_INF

Date Collected: 11/04/15 13:32
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 12:20	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 12:20	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 12:20	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 12:20	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 12:20	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 12:20	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 12:20	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 12:20	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 12:20	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 12:20	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 12:20	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 12:20	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 12:20	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 12:20	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 12:20	1
Tetrachloroethene	**2.1**		1.0	0.50	ug/L			11/13/15 12:20	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 12:20	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 12:20	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 12:20	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 12:20	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 12:20	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 12:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 12:20	1
Trichloroethene	**16**		1.0	0.61	ug/L			11/13/15 12:20	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:20	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 12:20	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 12:20	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 12:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/13/15 12:20*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*11/13/15 12:20*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*11/13/15 12:20*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 16:55	1

Client Sample ID: EW2028_INF

Date Collected: 11/04/15 13:44
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 14:12	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 14:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 14:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 14:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 14:12	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2028_INF
Date Collected: 11/04/15 13:44
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 14:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 14:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 14:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 14:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 14:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 14:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 14:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 14:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 14:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 14:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 14:12	1
cis-1,2-Dichloroethene	**6.8**		1.0	0.65	ug/L			11/13/15 14:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 14:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 14:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 14:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 14:12	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 14:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 14:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 14:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 14:12	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/13/15 14:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 14:12	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 14:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 14:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 14:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 14:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 14:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 14:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 14:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 14:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 14:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 14:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 14:12	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 14:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 14:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 14:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 14:12	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 14:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 14:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 14:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 14:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 14:12	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 14:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 14:12	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 14:12	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 14:12	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 14:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 14:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 14:12	1

Client Sample ID: EW2028_INF

Lab Sample ID: 660-70273-28

Date Collected: 11/04/15 13:44

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 14:12	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 14:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 14:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 14:12	1
Trichloroethene	**58**		1.0	0.61	ug/L			11/13/15 14:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 14:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 14:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 14:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 14:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/13/15 14:12*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*11/13/15 14:12*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/13/15 14:12*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**170**		10	5.0	ug/L			11/14/15 14:19	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/14/15 14:19*	*10*
Dibromofluoromethane	*105*		*70 - 130*		*11/14/15 14:19*	*10*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/14/15 14:19*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 17:14	1

Client Sample ID: EW2029_INF

Lab Sample ID: 660-70273-29

Date Collected: 11/04/15 14:24

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/14/15 14:38	1
Benzene	0.50	U	1.0	0.50	ug/L			11/14/15 14:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 14:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/14/15 14:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/14/15 14:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/14/15 14:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/14/15 14:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/14/15 14:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/14/15 14:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/14/15 14:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/14/15 14:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/14/15 14:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/14/15 14:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/14/15 14:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/14/15 14:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/14/15 14:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2029_INF
Date Collected: 11/04/15 14:24
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**3.1**		1.0	0.65	ug/L			11/14/15 14:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/14/15 14:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/14/15 14:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/14/15 14:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/14/15 14:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/14/15 14:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/14/15 14:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/14/15 14:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 14:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/14/15 14:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/14/15 14:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/14/15 14:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/14/15 14:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/14/15 14:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/14/15 14:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/14/15 14:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/14/15 14:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/14/15 14:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/14/15 14:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/14/15 14:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/14/15 14:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/14/15 14:38	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/14/15 14:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/14/15 14:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/14/15 14:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/14/15 14:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/14/15 14:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/14/15 14:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/14/15 14:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/14/15 14:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/14/15 14:38	1
Styrene	0.98	U	2.0	0.98	ug/L			11/14/15 14:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/14/15 14:38	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/14/15 14:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/14/15 14:38	1
Tetrachloroethene	**29**		1.0	0.50	ug/L			11/14/15 14:38	1
Toluene	0.51	U	1.0	0.51	ug/L			11/14/15 14:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/14/15 14:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/14/15 14:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/14/15 14:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 14:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 14:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 14:38	1
Trichloroethene	**58**		1.0	0.61	ug/L			11/14/15 14:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 14:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/14/15 14:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/14/15 14:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/14/15 14:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/14/15 14:38	1

Client Sample ID: EW2029_INF

Lab Sample ID: 660-70273-29

Date Collected: 11/04/15 14:24

Matrix: Water

Date Received: 11/05/15 15:10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/14/15 14:38*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/14/15 14:38*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/14/15 14:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 17:33	1

Client Sample ID: EW2030_INF

Lab Sample ID: 660-70273-30

Date Collected: 11/04/15 13:26

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 10:38	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 10:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 10:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 10:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 10:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 10:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 10:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 10:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 10:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 10:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 10:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 10:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 10:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 10:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/13/15 10:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 10:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 10:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 10:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 10:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 10:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 10:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 10:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/13/15 10:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 10:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 10:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 10:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 10:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 10:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 10:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 10:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 10:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 10:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 10:38	1

Client Sample ID: EW2030_INF

Date Collected: 11/04/15 13:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-30

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 10:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 10:38	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 10:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 10:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 10:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 10:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 10:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 10:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 10:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 10:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 10:38	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 10:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 10:38	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 10:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 10:38	1
Tetrachloroethene	**1.7**		1.0	0.50	ug/L			11/13/15 10:38	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 10:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 10:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 10:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 10:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 10:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 10:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 10:38	1
Trichloroethene	**1.2**		1.0	0.61	ug/L			11/13/15 10:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 10:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 10:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 10:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 10:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/13/15 10:38*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/13/15 10:38*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/13/15 10:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 17:51	1

Client Sample ID: EW2031_INF

Date Collected: 11/04/15 13:20
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-31

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 10:56	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 10:56	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 10:56	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 10:56	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:56	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2031_INF
Date Collected: 11/04/15 13:20
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 10:56	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 10:56	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 10:56	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 10:56	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 10:56	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 10:56	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:56	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 10:56	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 10:56	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 10:56	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 10:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/13/15 10:56	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 10:56	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 10:56	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 10:56	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 10:56	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 10:56	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 10:56	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 10:56	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:56	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/13/15 10:56	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 10:56	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 10:56	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 10:56	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 10:56	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 10:56	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 10:56	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 10:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 10:56	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 10:56	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 10:56	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 10:56	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 10:56	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 10:56	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 10:56	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 10:56	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 10:56	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 10:56	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 10:56	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 10:56	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 10:56	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 10:56	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 10:56	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 10:56	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 10:56	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 10:56	1
Tetrachloroethene	**1.2**		1.0	0.50	ug/L			11/13/15 10:56	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 10:56	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 10:56	1

Client Sample ID: EW2031_INF

Lab Sample ID: 660-70273-31

Date Collected: 11/04/15 13:20

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 10:56	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 10:56	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 10:56	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 10:56	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 10:56	1
Trichloroethene	**2.1**		1.0	0.61	ug/L			11/13/15 10:56	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:56	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 10:56	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 10:56	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 10:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/13/15 10:56*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/13/15 10:56*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/13/15 10:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 18:10	1

Client Sample ID: EW2032_INF

Lab Sample ID: 660-70273-32

Date Collected: 11/04/15 14:18

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 15:34	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 15:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 15:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 15:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 15:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 15:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 15:34	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 15:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 15:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 15:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 15:34	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 15:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 15:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 15:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 15:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 15:34	1
cis-1,2-Dichloroethene	**4.8**		1.0	0.65	ug/L			11/13/15 15:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 15:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 15:34	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 15:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 15:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 15:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 15:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2032_INF
Date Collected: 11/04/15 14:18
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 15:34	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 15:34	1
1,1-Dichloroethane	**0.79**	**I**	1.0	0.52	ug/L			11/13/15 15:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 15:34	1
1,1-Dichloroethene	**0.80**	**I**	1.0	0.67	ug/L			11/13/15 15:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 15:34	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 15:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 15:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 15:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 15:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 15:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 15:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 15:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 15:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 15:34	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 15:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 15:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 15:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 15:34	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 15:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 15:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 15:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 15:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 15:34	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 15:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 15:34	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 15:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 15:34	1
Tetrachloroethene	**49**		1.0	0.50	ug/L			11/13/15 15:34	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 15:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 15:34	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 15:34	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 15:34	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 15:34	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 15:34	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 15:34	1
Trichloroethene	**72**		1.0	0.61	ug/L			11/13/15 15:34	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 15:34	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 15:34	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 15:34	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 15:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/13/15 15:34*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/13/15 15:34*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/13/15 15:34*	*1*

Client Sample ID: EW2032_INF

Lab Sample ID: 660-70273-32

Date Collected: 11/04/15 14:18

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**	**I**	2.0	1.0	ug/L			11/12/15 18:29	1

Client Sample ID: EW2033_INF

Lab Sample ID: 660-70273-33

Date Collected: 11/04/15 14:00

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 15:53	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 15:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 15:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 15:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 15:53	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 15:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 15:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 15:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 15:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 15:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 15:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 15:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 15:53	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 15:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 15:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 15:53	1
cis-1,2-Dichloroethene	**4.6**		1.0	0.65	ug/L			11/13/15 15:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 15:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 15:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 15:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 15:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 15:53	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 15:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 15:53	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 15:53	1
1,1-Dichloroethane	**1.8**		1.0	0.52	ug/L			11/13/15 15:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 15:53	1
1,1-Dichloroethene	**2.5**		1.0	0.67	ug/L			11/13/15 15:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 15:53	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 15:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 15:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 15:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 15:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 15:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 15:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 15:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 15:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 15:53	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 15:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 15:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 15:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 15:53	1

Client Sample ID: EW2033_INF

Lab Sample ID: 660-70273-33

Date Collected: 11/04/15 14:00

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 15:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 15:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 15:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 15:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 15:53	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 15:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 15:53	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 15:53	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 15:53	1
Tetrachloroethene	**58**		1.0	0.50	ug/L			11/13/15 15:53	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 15:53	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 15:53	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 15:53	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 15:53	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 15:53	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 15:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 15:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 15:53	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 15:53	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 15:53	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 15:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/13/15 15:53*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/13/15 15:53*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/13/15 15:53*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**130**		10	6.1	ug/L			11/13/15 14:38	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/13/15 14:38*	*10*
Dibromofluoromethane	*105*		*70 - 130*		*11/13/15 14:38*	*10*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/13/15 14:38*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.7**		2.0	1.0	ug/L			11/12/15 18:47	1

Client Sample ID: EW2034_INF

Lab Sample ID: 660-70273-34

Date Collected: 11/04/15 08:00

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 12:39	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 12:39	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 12:39	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 12:39	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2034_INF
Date Collected: 11/04/15 08:00
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:39	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 12:39	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 12:39	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 12:39	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 12:39	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 12:39	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 12:39	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:39	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 12:39	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 12:39	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 12:39	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 12:39	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/13/15 12:39	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 12:39	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 12:39	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 12:39	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 12:39	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 12:39	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 12:39	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 12:39	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:39	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/13/15 12:39	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 12:39	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 12:39	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 12:39	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 12:39	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 12:39	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 12:39	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 12:39	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 12:39	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 12:39	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 12:39	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 12:39	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 12:39	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 12:39	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 12:39	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 12:39	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 12:39	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 12:39	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 12:39	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 12:39	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 12:39	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 12:39	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 12:39	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 12:39	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 12:39	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 12:39	1
Tetrachloroethene	**0.65**	**I**	1.0	0.50	ug/L			11/13/15 12:39	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 12:39	1

Client Sample ID: EW2034_INF

Lab Sample ID: 660-70273-34

Date Collected: 11/04/15 08:00

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 12:39	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 12:39	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 12:39	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 12:39	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 12:39	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 12:39	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/13/15 12:39	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:39	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 12:39	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 12:39	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 12:39	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*11/13/15 12:39*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*11/13/15 12:39*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/13/15 12:39*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 19:06	1

Client Sample ID: EW2036_INF

Lab Sample ID: 660-70273-35

Date Collected: 11/03/15 14:56

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 12:57	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 12:57	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 12:57	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 12:57	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:57	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 12:57	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 12:57	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 12:57	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 12:57	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 12:57	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 12:57	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:57	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 12:57	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 12:57	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 12:57	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 12:57	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/13/15 12:57	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 12:57	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 12:57	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 12:57	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 12:57	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 12:57	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2036_INF
Date Collected: 11/03/15 14:56
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	**1.3**		1.0	0.60	ug/L			11/13/15 12:57	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 12:57	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:57	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/13/15 12:57	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 12:57	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 12:57	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 12:57	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 12:57	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 12:57	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 12:57	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 12:57	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 12:57	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 12:57	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 12:57	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 12:57	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 12:57	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 12:57	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 12:57	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 12:57	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 12:57	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 12:57	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 12:57	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 12:57	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 12:57	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 12:57	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 12:57	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 12:57	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 12:57	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 12:57	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/13/15 12:57	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 12:57	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 12:57	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 12:57	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 12:57	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 12:57	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 12:57	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 12:57	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/13/15 12:57	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:57	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 12:57	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 12:57	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 12:57	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/13/15 12:57*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/13/15 12:57*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/13/15 12:57*	*1*

Client Sample ID: EW2036_INF

Lab Sample ID: 660-70273-35

Date Collected: 11/03/15 14:56

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 19:24	1

Client Sample ID: EW2037_INF

Lab Sample ID: 660-70273-36

Date Collected: 11/02/15 16:45

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 13:16	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 13:16	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 13:16	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 13:16	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:16	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 13:16	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 13:16	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 13:16	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 13:16	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 13:16	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 13:16	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:16	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 13:16	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 13:16	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 13:16	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 13:16	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/13/15 13:16	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 13:16	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 13:16	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 13:16	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 13:16	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 13:16	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 13:16	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 13:16	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:16	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/13/15 13:16	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 13:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 13:16	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 13:16	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 13:16	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 13:16	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 13:16	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 13:16	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 13:16	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 13:16	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 13:16	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 13:16	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 13:16	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 13:16	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 13:16	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 13:16	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 13:16	1

Client Sample ID: EW2037_INF

Date Collected: 11/02/15 16:45
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-36

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 13:16	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 13:16	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 13:16	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 13:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 13:16	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 13:16	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 13:16	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 13:16	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 13:16	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/13/15 13:16	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 13:16	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 13:16	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 13:16	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 13:16	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 13:16	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 13:16	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 13:16	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/13/15 13:16	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:16	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 13:16	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 13:16	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 13:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/13/15 13:16*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*11/13/15 13:16*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/13/15 13:16*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**	**I**	2.0	1.0	ug/L			11/12/15 19:43	1

Client Sample ID: EW2101_INF

Date Collected: 11/05/15 08:00
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-37

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 13:34	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 13:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 13:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 13:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 13:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 13:34	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 13:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 13:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 13:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 13:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2101_INF
Date Collected: 11/05/15 08:00
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-37
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 13:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 13:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 13:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 13:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/13/15 13:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 13:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 13:34	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 13:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 13:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 13:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 13:34	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 13:34	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:34	1
1,1-Dichloroethane	**1.3**		1.0	0.52	ug/L			11/13/15 13:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 13:34	1
1,1-Dichloroethene	**1.9**		1.0	0.67	ug/L			11/13/15 13:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 13:34	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 13:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 13:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 13:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 13:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 13:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 13:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 13:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 13:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 13:34	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 13:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 13:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 13:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 13:34	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 13:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 13:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 13:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 13:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 13:34	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 13:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 13:34	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 13:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 13:34	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/13/15 13:34	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 13:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 13:34	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 13:34	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 13:34	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 13:34	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 13:34	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 13:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/13/15 13:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW2101_INF

Lab Sample ID: 660-70273-37

Date Collected: 11/05/15 08:00

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:34	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 13:34	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 13:34	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 13:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/13/15 13:34*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/13/15 13:34*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/13/15 13:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.6**		2.0	1.0	ug/L			11/12/15 20:01	1

Client Sample ID: EW2102_INF

Lab Sample ID: 660-70273-38

Date Collected: 11/05/15 07:50

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 12:26	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 12:26	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 12:26	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 12:26	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:26	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 12:26	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 12:26	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 12:26	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 12:26	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 12:26	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 12:26	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:26	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 12:26	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 12:26	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 12:26	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 12:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/13/15 12:26	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 12:26	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 12:26	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 12:26	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 12:26	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 12:26	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 12:26	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 12:26	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:26	1
1,1-Dichloroethane	**1.4**		1.0	0.52	ug/L			11/13/15 12:26	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 12:26	1
1,1-Dichloroethene	**4.9**		1.0	0.67	ug/L			11/13/15 12:26	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 12:26	1

Client Sample ID: EW2102_INF
Date Collected: 11/05/15 07:50
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 12:26	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 12:26	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 12:26	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 12:26	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 12:26	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 12:26	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 12:26	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 12:26	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 12:26	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 12:26	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 12:26	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 12:26	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 12:26	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 12:26	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 12:26	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 12:26	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 12:26	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 12:26	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 12:26	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 12:26	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 12:26	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 12:26	1
Tetrachloroethene	**3.3**		1.0	0.50	ug/L			11/13/15 12:26	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 12:26	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 12:26	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 12:26	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 12:26	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 12:26	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 12:26	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 12:26	1
Trichloroethene	**6.6**		1.0	0.61	ug/L			11/13/15 12:26	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:26	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 12:26	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 12:26	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 12:26	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/13/15 12:26*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*11/13/15 12:26*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/13/15 12:26*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.4**		2.0	1.0	ug/L			11/12/15 20:19	1

Client Sample ID: EW2103_INF

Date Collected: 11/03/15 16:08
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-39

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 15:15	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 15:15	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 15:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 15:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 15:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 15:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 15:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 15:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 15:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 15:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 15:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 15:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 15:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 15:15	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 15:15	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 15:15	1
cis-1,2-Dichloroethene	**3.0**		1.0	0.65	ug/L			11/13/15 15:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 15:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 15:15	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 15:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 15:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 15:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 15:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 15:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 15:15	1
1,1-Dichloroethane	**8.6**		1.0	0.52	ug/L			11/13/15 15:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 15:15	1
1,1-Dichloroethene	**9.4**		1.0	0.67	ug/L			11/13/15 15:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 15:15	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 15:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 15:15	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 15:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 15:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 15:15	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 15:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 15:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 15:15	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 15:15	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 15:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 15:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 15:15	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 15:15	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 15:15	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 15:15	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 15:15	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 15:15	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 15:15	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 15:15	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 15:15	1

Client Sample ID: EW2103_INF

Lab Sample ID: 660-70273-39

Date Collected: 11/03/15 16:08

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 15:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 15:15	1
Tetrachloroethene	**53**		1.0	0.50	ug/L			11/13/15 15:15	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 15:15	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 15:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 15:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 15:15	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 15:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 15:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 15:15	1
Trichloroethene	**11**		1.0	0.61	ug/L			11/13/15 15:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 15:15	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 15:15	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 15:15	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 15:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/13/15 15:15*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/13/15 15:15*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/13/15 15:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**59**		4.0	2.0	ug/L			11/12/15 20:38	2

Client Sample ID: EW2104_INF

Lab Sample ID: 660-70273-40

Date Collected: 11/03/15 16:00

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 12:45	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 12:45	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 12:45	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 12:45	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:45	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 12:45	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 12:45	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 12:45	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 12:45	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 12:45	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 12:45	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:45	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 12:45	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 12:45	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 12:45	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 12:45	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/13/15 12:45	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 12:45	1

Client Sample ID: EW2104_INF
Date Collected: 11/03/15 16:00
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 12:45	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 12:45	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 12:45	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 12:45	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 12:45	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 12:45	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:45	1
1,1-Dichloroethane	**4.8**		1.0	0.52	ug/L			11/13/15 12:45	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 12:45	1
1,1-Dichloroethene	**3.5**		1.0	0.67	ug/L			11/13/15 12:45	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 12:45	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 12:45	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 12:45	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 12:45	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 12:45	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 12:45	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 12:45	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 12:45	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 12:45	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 12:45	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 12:45	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 12:45	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 12:45	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 12:45	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 12:45	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 12:45	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 12:45	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 12:45	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 12:45	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 12:45	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 12:45	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 12:45	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 12:45	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/13/15 12:45	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 12:45	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 12:45	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 12:45	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 12:45	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 12:45	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 12:45	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 12:45	1
Trichloroethene	**1.9**		1.0	0.61	ug/L			11/13/15 12:45	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 12:45	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 12:45	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 12:45	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 12:45	1
Vinyl chloride	**0.76**	**I**	1.0	0.71	ug/L			11/13/15 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/13/15 12:45*	*1*

Client Sample ID: EW2104_INF

Date Collected: 11/03/15 16:00
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-40

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*105*		*70 - 130*		*11/13/15 12:45*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/13/15 12:45*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**130**		4.0	2.0	ug/L			11/13/15 17:07	2

Client Sample ID: EW3001_INF

Date Collected: 11/03/15 14:06
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-41

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 13:04	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 13:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 13:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 13:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:04	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 13:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 13:04	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 13:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 13:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 13:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 13:04	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 13:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 13:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 13:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 13:04	1
cis-1,2-Dichloroethene	**11**		1.0	0.65	ug/L			11/13/15 13:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 13:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 13:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 13:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 13:04	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 13:04	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 13:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 13:04	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:04	1
1,1-Dichloroethane	**3.4**		1.0	0.52	ug/L			11/13/15 13:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 13:04	1
1,1-Dichloroethene	**8.9**		1.0	0.67	ug/L			11/13/15 13:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 13:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 13:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 13:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 13:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 13:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 13:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 13:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 13:04	1

Client Sample ID: EW3001_INF

Date Collected: 11/03/15 14:06
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-41

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 13:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 13:04	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 13:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 13:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 13:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 13:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 13:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 13:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 13:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 13:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 13:04	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 13:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 13:04	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 13:04	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 13:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/13/15 13:04	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 13:04	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 13:04	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 13:04	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 13:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 13:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 13:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 13:04	1
Trichloroethene	**14**		1.0	0.61	ug/L			11/13/15 13:04	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 13:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 13:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 13:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/13/15 13:04*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*11/13/15 13:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/13/15 13:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**23**		2.0	1.0	ug/L			11/13/15 13:42	1

Client Sample ID: EW3002_INF

Date Collected: 11/03/15 14:33
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-42

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 17:27	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 17:27	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 17:27	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 17:27	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 17:27	1

Client Sample ID: EW3002_INF
Date Collected: 11/03/15 14:33
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-42
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 17:27	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 17:27	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 17:27	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 17:27	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 17:27	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 17:27	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 17:27	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 17:27	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 17:27	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 17:27	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 17:27	1
cis-1,2-Dichloroethene	**35**		1.0	0.65	ug/L			11/13/15 17:27	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 17:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 17:27	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 17:27	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 17:27	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 17:27	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 17:27	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 17:27	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 17:27	1
1,1-Dichloroethane	**26**		1.0	0.52	ug/L			11/13/15 17:27	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 17:27	1
1,1-Dichloroethene	**83**		1.0	0.67	ug/L			11/13/15 17:27	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 17:27	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 17:27	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 17:27	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 17:27	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 17:27	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 17:27	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 17:27	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 17:27	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 17:27	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 17:27	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 17:27	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 17:27	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 17:27	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 17:27	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 17:27	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 17:27	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 17:27	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 17:27	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 17:27	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 17:27	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 17:27	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 17:27	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 17:27	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/13/15 17:27	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 17:27	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 17:27	1

Client Sample ID: EW3002_INF

Lab Sample ID: 660-70273-42

Date Collected: 11/03/15 14:33

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 17:27	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 17:27	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 17:27	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 17:27	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 17:27	1
Trichloroethene	**8.2**		1.0	0.61	ug/L			11/13/15 17:27	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 17:27	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 17:27	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 17:27	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 17:27	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/13/15 17:27*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/13/15 17:27*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/13/15 17:27*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**81**		4.0	2.0	ug/L			11/13/15 17:25	2

Client Sample ID: EW3003_INF

Lab Sample ID: 660-70273-43

Date Collected: 11/03/15 14:46

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 13:22	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 13:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 13:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 13:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 13:22	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 13:22	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 13:22	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 13:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 13:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 13:22	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 13:22	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 13:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 13:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 13:22	1
cis-1,2-Dichloroethene	**13**		1.0	0.65	ug/L			11/13/15 13:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 13:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 13:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 13:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 13:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 13:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 13:22	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3003_INF
Date Collected: 11/03/15 14:46
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-43
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 13:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:22	1
1,1-Dichloroethane	**6.6**		1.0	0.52	ug/L			11/13/15 13:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 13:22	1
1,1-Dichloroethene	**21**		1.0	0.67	ug/L			11/13/15 13:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 13:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 13:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 13:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 13:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 13:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 13:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 13:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 13:22	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 13:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 13:22	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 13:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 13:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 13:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 13:22	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 13:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 13:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 13:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 13:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 13:22	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 13:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 13:22	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 13:22	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 13:22	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/13/15 13:22	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 13:22	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 13:22	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 13:22	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 13:22	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 13:22	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 13:22	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 13:22	1
Trichloroethene	**12**		1.0	0.61	ug/L			11/13/15 13:22	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:22	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 13:22	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 13:22	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 13:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/13/15 13:22*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*11/13/15 13:22*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/13/15 13:22*	*1*

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3003_INF

Lab Sample ID: 660-70273-43

Date Collected: 11/03/15 14:46

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**34**		2.0	1.0	ug/L			11/13/15 14:57	1

Client Sample ID: EW3004_INF

Lab Sample ID: 660-70273-44

Date Collected: 11/04/15 15:36

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 13:41	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 13:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 13:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 13:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 13:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 13:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 13:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 13:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 13:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 13:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 13:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 13:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 13:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 13:41	1
cis-1,2-Dichloroethene	**34**		1.0	0.65	ug/L			11/13/15 13:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 13:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 13:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 13:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 13:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 13:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 13:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 13:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:41	1
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			11/13/15 13:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 13:41	1
1,1-Dichloroethene	**5.5**		1.0	0.67	ug/L			11/13/15 13:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 13:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 13:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 13:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 13:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 13:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 13:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 13:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 13:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 13:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 13:41	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 13:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 13:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 13:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 13:41	1

Client Sample ID: EW3004_INF

Date Collected: 11/04/15 15:36
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-44
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 13:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 13:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 13:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 13:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 13:41	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 13:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 13:41	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 13:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 13:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/13/15 13:41	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 13:41	1
trans-1,2-Dichloroethene	**1.6**		1.0	0.67	ug/L			11/13/15 13:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 13:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 13:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 13:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 13:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 13:41	1
Trichloroethene	**63**		1.0	0.61	ug/L			11/13/15 13:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 13:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 13:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 13:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 13:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/13/15 13:41*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*11/13/15 13:41*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/13/15 13:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**28**		2.0	1.0	ug/L			11/13/15 15:16	1

Client Sample ID: EW3005_INF

Date Collected: 11/04/15 16:42
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-45
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 18:13	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 18:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 18:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 18:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 18:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 18:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 18:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 18:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 18:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 18:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 18:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3005_INF
Date Collected: 11/04/15 16:42
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-45
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 18:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 18:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 18:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 18:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 18:13	1
cis-1,2-Dichloroethene	**54**		1.0	0.65	ug/L			11/13/15 18:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 18:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 18:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 18:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 18:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 18:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 18:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 18:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 18:13	1
1,1-Dichloroethane	**8.2**		1.0	0.52	ug/L			11/13/15 18:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 18:13	1
1,1-Dichloroethene	**48**		1.0	0.67	ug/L			11/13/15 18:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 18:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 18:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 18:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 18:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 18:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 18:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 18:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 18:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 18:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 18:13	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 18:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 18:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 18:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 18:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 18:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 18:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 18:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 18:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 18:13	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 18:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 18:13	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 18:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 18:13	1
Tetrachloroethene	**1.1**		1.0	0.50	ug/L			11/13/15 18:13	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 18:13	1
trans-1,2-Dichloroethene	**1.0**		1.0	0.67	ug/L			11/13/15 18:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 18:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 18:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 18:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 18:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 18:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 18:13	1

Client Sample ID: EW3005_INF

Lab Sample ID: 660-70273-45

Date Collected: 11/04/15 16:42

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 18:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 18:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 18:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/13/15 18:13*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*11/13/15 18:13*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/13/15 18:13*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**160**		10	6.1	ug/L			11/13/15 15:44	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/13/15 15:44*	*10*
Dibromofluoromethane	*106*		*70 - 130*		*11/13/15 15:44*	*10*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/13/15 15:44*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**23**		2.0	1.0	ug/L			11/13/15 15:34	1

Client Sample ID: EW3006_INF

Lab Sample ID: 660-70273-46

Date Collected: 11/04/15 16:20

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 16:21	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 16:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 16:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 16:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 16:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 16:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 16:21	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 16:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 16:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 16:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 16:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 16:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 16:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 16:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 16:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 16:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 16:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 16:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 16:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 16:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 16:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 16:21	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3006_INF
Date Collected: 11/04/15 16:20
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-46
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 16:21	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 16:21	1
1,1-Dichloroethane	**5.9**		1.0	0.52	ug/L			11/13/15 16:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 16:21	1
1,1-Dichloroethene	**5.0**		1.0	0.67	ug/L			11/13/15 16:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 16:21	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 16:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 16:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 16:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 16:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 16:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 16:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 16:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 16:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 16:21	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 16:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 16:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 16:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 16:21	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 16:21	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 16:21	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 16:21	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 16:21	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 16:21	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 16:21	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 16:21	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 16:21	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 16:21	1
Tetrachloroethene	**1.6**		1.0	0.50	ug/L			11/13/15 16:21	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 16:21	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 16:21	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 16:21	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 16:21	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 16:21	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 16:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 16:21	1
Trichloroethene	**70**		1.0	0.61	ug/L			11/13/15 16:21	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 16:21	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 16:21	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 16:21	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 16:21	1
Vinyl chloride	**1.3**		1.0	0.71	ug/L			11/13/15 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/13/15 16:21*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/13/15 16:21*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/13/15 16:21*	*1*

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3006_INF

Lab Sample ID: 660-70273-46

Date Collected: 11/04/15 16:20

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**130**		5.0	3.3	ug/L			11/13/15 15:07	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*11/13/15 15:07*	*5*
Dibromofluoromethane	*107*		*70 - 130*		*11/13/15 15:07*	*5*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/13/15 15:07*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**9.8**		2.0	1.0	ug/L			11/13/15 15:53	1

Client Sample ID: EW3007_INF

Lab Sample ID: 660-70273-47

Date Collected: 11/04/15 16:32

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 16:59	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 16:59	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 16:59	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 16:59	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 16:59	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 16:59	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 16:59	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 16:59	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 16:59	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 16:59	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 16:59	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 16:59	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 16:59	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 16:59	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 16:59	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 16:59	1
cis-1,2-Dichloroethene	**74**		1.0	0.65	ug/L			11/13/15 16:59	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 16:59	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 16:59	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 16:59	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 16:59	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 16:59	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 16:59	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 16:59	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 16:59	1
1,1-Dichloroethane	**10**		1.0	0.52	ug/L			11/13/15 16:59	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 16:59	1
1,1-Dichloroethene	**28**		1.0	0.67	ug/L			11/13/15 16:59	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 16:59	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 16:59	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 16:59	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 16:59	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 16:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3007_INF

Lab Sample ID: 660-70273-47

Date Collected: 11/04/15 16:32

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 16:59	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 16:59	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 16:59	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 16:59	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 16:59	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 16:59	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 16:59	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 16:59	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 16:59	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 16:59	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 16:59	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 16:59	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 16:59	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 16:59	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 16:59	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 16:59	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 16:59	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 16:59	1
Tetrachloroethene	**2.3**		1.0	0.50	ug/L			11/13/15 16:59	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 16:59	1
trans-1,2-Dichloroethene	**1.0**		1.0	0.67	ug/L			11/13/15 16:59	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 16:59	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 16:59	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 16:59	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 16:59	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 16:59	1
Trichloroethene	**75**		1.0	0.61	ug/L			11/13/15 16:59	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 16:59	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 16:59	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 16:59	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 16:59	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/13/15 16:59*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*11/13/15 16:59*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/13/15 16:59*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**56**		2.0	1.0	ug/L			11/13/15 16:11	1

Client Sample ID: EW3008_INF

Lab Sample ID: 660-70273-48

Date Collected: 11/04/15 15:56

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 16:40	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 16:40	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3008_INF
Date Collected: 11/04/15 15:56
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-48
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 16:40	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 16:40	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 16:40	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 16:40	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 16:40	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 16:40	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 16:40	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 16:40	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 16:40	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 16:40	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 16:40	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 16:40	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 16:40	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 16:40	1
cis-1,2-Dichloroethene	**42**		1.0	0.65	ug/L			11/13/15 16:40	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 16:40	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 16:40	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 16:40	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 16:40	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 16:40	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 16:40	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 16:40	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 16:40	1
1,1-Dichloroethane	**11**		1.0	0.52	ug/L			11/13/15 16:40	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 16:40	1
1,1-Dichloroethene	**24**		1.0	0.67	ug/L			11/13/15 16:40	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 16:40	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 16:40	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 16:40	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 16:40	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 16:40	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 16:40	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 16:40	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 16:40	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 16:40	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 16:40	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 16:40	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 16:40	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 16:40	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 16:40	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 16:40	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 16:40	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 16:40	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 16:40	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 16:40	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 16:40	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 16:40	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 16:40	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 16:40	1

Client Sample ID: EW3008_INF

Date Collected: 11/04/15 15:56
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-48

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/13/15 16:40	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 16:40	1
trans-1,2-Dichloroethene	**4.9**		1.0	0.67	ug/L			11/13/15 16:40	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 16:40	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 16:40	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 16:40	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 16:40	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 16:40	1
Trichloroethene	**79**		1.0	0.61	ug/L			11/13/15 16:40	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 16:40	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 16:40	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 16:40	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 16:40	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/13/15 16:40*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/13/15 16:40*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/13/15 16:40*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**130**		4.0	2.0	ug/L			11/13/15 17:44	2

Client Sample ID: EW3009_INF

Date Collected: 11/04/15 13:38
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-49

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 18:04	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 18:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 18:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 18:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 18:04	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 18:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 18:04	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 18:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 18:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 18:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 18:04	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 18:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 18:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 18:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 18:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 18:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 18:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 18:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 18:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 18:04	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3009_INF
Date Collected: 11/04/15 13:38
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-49
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 18:04	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 18:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 18:04	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 18:04	1
1,1-Dichloroethane	**69**		1.0	0.52	ug/L			11/13/15 18:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 18:04	1
1,1-Dichloroethene	**91**		1.0	0.67	ug/L			11/13/15 18:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 18:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 18:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 18:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 18:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 18:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 18:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 18:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 18:04	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 18:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 18:04	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 18:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 18:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 18:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 18:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 18:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 18:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 18:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 18:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 18:04	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 18:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 18:04	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 18:04	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 18:04	1
Tetrachloroethene	**16**		1.0	0.50	ug/L			11/13/15 18:04	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 18:04	1
trans-1,2-Dichloroethene	**0.86**	**I**	1.0	0.67	ug/L			11/13/15 18:04	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 18:04	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 18:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 18:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 18:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 18:04	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 18:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 18:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 18:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 18:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/13/15 18:04*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*11/13/15 18:04*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/13/15 18:04*	*1*

Client Sample ID: EW3009_INF

Lab Sample ID: 660-70273-49

Date Collected: 11/04/15 13:38

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**140**		5.0	3.3	ug/L			11/13/15 17:08	5
Trichloroethene	**190**		5.0	3.1	ug/L			11/13/15 17:08	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/13/15 17:08*	*5*
Dibromofluoromethane	*101*		*70 - 130*		*11/13/15 17:08*	*5*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/13/15 17:08*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**290**		10	5.0	ug/L			11/13/15 18:44	5

Client Sample ID: EW3010_INF

Lab Sample ID: 660-70273-50

Date Collected: 11/04/15 14:30

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/14/15 18:59	1
Benzene	0.50	U	1.0	0.50	ug/L			11/14/15 18:59	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 18:59	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/14/15 18:59	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/14/15 18:59	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/14/15 18:59	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/14/15 18:59	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/14/15 18:59	1
Chlorobenzene	**1.1**		1.0	0.63	ug/L			11/14/15 18:59	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/14/15 18:59	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/14/15 18:59	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/14/15 18:59	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/14/15 18:59	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/14/15 18:59	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/14/15 18:59	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/14/15 18:59	1
cis-1,2-Dichloroethene	**12**		1.0	0.65	ug/L			11/14/15 18:59	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/14/15 18:59	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/14/15 18:59	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/14/15 18:59	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/14/15 18:59	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/14/15 18:59	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/14/15 18:59	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/14/15 18:59	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 18:59	1
1,1-Dichloroethane	**24**		1.0	0.52	ug/L			11/14/15 18:59	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/14/15 18:59	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/14/15 18:59	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/14/15 18:59	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/14/15 18:59	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/14/15 18:59	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/14/15 18:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3010_INF
Date Collected: 11/04/15 14:30
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-50
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/14/15 18:59	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/14/15 18:59	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/14/15 18:59	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/14/15 18:59	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/14/15 18:59	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/14/15 18:59	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/14/15 18:59	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/14/15 18:59	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/14/15 18:59	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/14/15 18:59	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/14/15 18:59	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/14/15 18:59	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/14/15 18:59	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/14/15 18:59	1
Styrene	0.98	U	2.0	0.98	ug/L			11/14/15 18:59	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/14/15 18:59	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/14/15 18:59	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/14/15 18:59	1
Tetrachloroethene	**2.3**		1.0	0.50	ug/L			11/14/15 18:59	1
Toluene	0.51	U	1.0	0.51	ug/L			11/14/15 18:59	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/14/15 18:59	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/14/15 18:59	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/14/15 18:59	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 18:59	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 18:59	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 18:59	1
Trichloroethene	**34**		1.0	0.61	ug/L			11/14/15 18:59	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 18:59	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/14/15 18:59	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/14/15 18:59	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/14/15 18:59	1
Vinyl chloride	**1.3**		1.0	0.71	ug/L			11/14/15 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/14/15 18:59*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/14/15 18:59*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/14/15 18:59*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**110**		5.0	3.4	ug/L			11/14/15 16:30	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/14/15 16:30*	*5*
Dibromofluoromethane	*104*		*70 - 130*		*11/14/15 16:30*	*5*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/14/15 16:30*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**120**		10	5.0	ug/L			11/13/15 19:02	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3011_INF
Date Collected: 11/04/15 08:06
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-51
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/14/15 19:17	1
Benzene	0.50	U	1.0	0.50	ug/L			11/14/15 19:17	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 19:17	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/14/15 19:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/14/15 19:17	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/14/15 19:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/14/15 19:17	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/14/15 19:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/14/15 19:17	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/14/15 19:17	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/14/15 19:17	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/14/15 19:17	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/14/15 19:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/14/15 19:17	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/14/15 19:17	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/14/15 19:17	1
cis-1,2-Dichloroethene	**8.1**		1.0	0.65	ug/L			11/14/15 19:17	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/14/15 19:17	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/14/15 19:17	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/14/15 19:17	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/14/15 19:17	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/14/15 19:17	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/14/15 19:17	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/14/15 19:17	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 19:17	1
1,1-Dichloroethane	**31**		1.0	0.52	ug/L			11/14/15 19:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/14/15 19:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/14/15 19:17	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/14/15 19:17	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/14/15 19:17	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/14/15 19:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/14/15 19:17	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/14/15 19:17	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/14/15 19:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/14/15 19:17	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/14/15 19:17	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/14/15 19:17	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/14/15 19:17	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/14/15 19:17	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/14/15 19:17	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/14/15 19:17	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/14/15 19:17	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/14/15 19:17	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/14/15 19:17	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/14/15 19:17	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/14/15 19:17	1
Styrene	0.98	U	2.0	0.98	ug/L			11/14/15 19:17	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/14/15 19:17	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/14/15 19:17	1

Client Sample ID: EW3011_INF

Lab Sample ID: 660-70273-51

Date Collected: 11/04/15 08:06

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/14/15 19:17	1
Tetrachloroethene	**5.3**		1.0	0.50	ug/L			11/14/15 19:17	1
Toluene	0.51	U	1.0	0.51	ug/L			11/14/15 19:17	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/14/15 19:17	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/14/15 19:17	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/14/15 19:17	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 19:17	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 19:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 19:17	1
Trichloroethene	**27**		1.0	0.61	ug/L			11/14/15 19:17	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 19:17	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/14/15 19:17	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/14/15 19:17	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/14/15 19:17	1
Vinyl chloride	**1.3**		1.0	0.71	ug/L			11/14/15 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/14/15 19:17*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/14/15 19:17*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/14/15 19:17*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**120**		5.0	3.4	ug/L			11/14/15 16:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/14/15 16:48*	*5*
Dibromofluoromethane	*103*		*70 - 130*		*11/14/15 16:48*	*5*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/14/15 16:48*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**85**		4.0	2.0	ug/L			11/13/15 18:02	2

Client Sample ID: EW3012_INF

Lab Sample ID: 660-70273-52

Date Collected: 11/05/15 07:26

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	100	50	ug/L			11/14/15 20:31	5
Benzene	2.5	U	5.0	2.5	ug/L			11/14/15 20:31	5
Bromobenzene	2.9	U	5.0	2.9	ug/L			11/14/15 20:31	5
Bromoform	3.2	U	5.0	3.2	ug/L			11/14/15 20:31	5
Bromomethane	13	U	25	13	ug/L			11/14/15 20:31	5
2-Butanone (MEK)	42	U	50	42	ug/L			11/14/15 20:31	5
Carbon disulfide	5.0	U	10	5.0	ug/L			11/14/15 20:31	5
Carbon tetrachloride	2.2	U	5.0	2.2	ug/L			11/14/15 20:31	5
Chlorobenzene	3.2	U	5.0	3.2	ug/L			11/14/15 20:31	5
Chlorobromomethane	2.9	U	5.0	2.9	ug/L			11/14/15 20:31	5
Chlorodibromomethane	1.6	U	5.0	1.6	ug/L			11/14/15 20:31	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3012_INF
Date Collected: 11/05/15 07:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-52
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	13	U	25	13	ug/L			11/14/15 20:31	5
Chloroform	4.5	U	5.0	4.5	ug/L			11/14/15 20:31	5
Chloromethane	5.0	U	20	5.0	ug/L			11/14/15 20:31	5
2-Chlorotoluene	3.3	U	5.0	3.3	ug/L			11/14/15 20:31	5
4-Chlorotoluene	2.6	U	5.0	2.6	ug/L			11/14/15 20:31	5
cis-1,2-Dichloroethene	**14**		5.0	3.3	ug/L			11/14/15 20:31	5
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/L			11/14/15 20:31	5
1,2-Dibromo-3-Chloropropane	13	U	25	13	ug/L			11/14/15 20:31	5
Dibromomethane	2.3	U	5.0	2.3	ug/L			11/14/15 20:31	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			11/14/15 20:31	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			11/14/15 20:31	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			11/14/15 20:31	5
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			11/14/15 20:31	5
Dichlorodifluoromethane	13	U	25	13	ug/L			11/14/15 20:31	5
1,1-Dichloroethane	**120**		5.0	2.6	ug/L			11/14/15 20:31	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			11/14/15 20:31	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			11/14/15 20:31	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			11/14/15 20:31	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			11/14/15 20:31	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			11/14/15 20:31	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			11/14/15 20:31	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			11/14/15 20:31	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			11/14/15 20:31	5
2-Hexanone	22	U	50	22	ug/L			11/14/15 20:31	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			11/14/15 20:31	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			11/14/15 20:31	5
Methylene Chloride	20	U	25	20	ug/L			11/14/15 20:31	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			11/14/15 20:31	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			11/14/15 20:31	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			11/14/15 20:31	5
Naphthalene	13	U	25	13	ug/L			11/14/15 20:31	5
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			11/14/15 20:31	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			11/14/15 20:31	5
o-Xylene	2.5	U	5.0	2.5	ug/L			11/14/15 20:31	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			11/14/15 20:31	5
Styrene	4.9	U	10	4.9	ug/L			11/14/15 20:31	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			11/14/15 20:31	5
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			11/14/15 20:31	5
1,1,2,2-Tetrachloroethane	0.85	U	5.0	0.85	ug/L			11/14/15 20:31	5
Tetrachloroethene	**89**		5.0	2.5	ug/L			11/14/15 20:31	5
Toluene	2.6	U	5.0	2.6	ug/L			11/14/15 20:31	5
trans-1,2-Dichloroethene	3.4	U	5.0	3.4	ug/L			11/14/15 20:31	5
trans-1,3-Dichloropropene	1.4	U	5.0	1.4	ug/L			11/14/15 20:31	5
1,2,3-Trichlorobenzene	3.9	U	5.0	3.9	ug/L			11/14/15 20:31	5
1,2,4-Trichlorobenzene	2.9	U	5.0	2.9	ug/L			11/14/15 20:31	5
1,1,1-Trichloroethane	2.4	U	5.0	2.4	ug/L			11/14/15 20:31	5
1,1,2-Trichloroethane	2.4	U	5.0	2.4	ug/L			11/14/15 20:31	5
Trichloroethene	**160**		5.0	3.1	ug/L			11/14/15 20:31	5
Trichlorofluoromethane	13	U	25	13	ug/L			11/14/15 20:31	5

Client Sample ID: EW3012_INF

Lab Sample ID: 660-70273-52

Date Collected: 11/05/15 07:26

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	2.2	U	5.0	2.2	ug/L			11/14/15 20:31	5
1,2,4-Trimethylbenzene	4.3	U	5.0	4.3	ug/L			11/14/15 20:31	5
1,3,5-Trimethylbenzene	2.7	U	5.0	2.7	ug/L			11/14/15 20:31	5
Vinyl chloride	**5.7**		5.0	3.6	ug/L			11/14/15 20:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/14/15 20:31*	*5*
Dibromofluoromethane	*108*		*70 - 130*		*11/14/15 20:31*	*5*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/14/15 20:31*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**630**		50	34	ug/L			11/14/15 17:07	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/14/15 17:07*	*50*
Dibromofluoromethane	*103*		*70 - 130*		*11/14/15 17:07*	*50*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/14/15 17:07*	*50*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**240**		10	5.0	ug/L			11/13/15 19:21	5

Client Sample ID: EW3013_INF

Lab Sample ID: 660-70273-53

Date Collected: 11/05/15 07:32

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/14/15 22:04	1
Benzene	0.50	U	1.0	0.50	ug/L			11/14/15 22:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 22:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/14/15 22:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/14/15 22:04	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/14/15 22:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/14/15 22:04	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/14/15 22:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/14/15 22:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/14/15 22:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/14/15 22:04	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/14/15 22:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/14/15 22:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/14/15 22:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/14/15 22:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/14/15 22:04	1
cis-1,2-Dichloroethene	**6.7**		1.0	0.65	ug/L			11/14/15 22:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/14/15 22:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/14/15 22:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/14/15 22:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/14/15 22:04	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/14/15 22:04	1

Client Sample ID: EW3013_INF
Date Collected: 11/05/15 07:32
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-53
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/14/15 22:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/14/15 22:04	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 22:04	1
1,1-Dichloroethane	**32**		1.0	0.52	ug/L			11/14/15 22:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/14/15 22:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/14/15 22:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/14/15 22:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/14/15 22:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/14/15 22:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/14/15 22:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/14/15 22:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/14/15 22:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/14/15 22:04	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/14/15 22:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/14/15 22:04	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/14/15 22:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/14/15 22:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/14/15 22:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/14/15 22:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/14/15 22:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/14/15 22:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/14/15 22:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/14/15 22:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/14/15 22:04	1
Styrene	0.98	U	2.0	0.98	ug/L			11/14/15 22:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/14/15 22:04	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/14/15 22:04	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/14/15 22:04	1
Toluene	0.51	U	1.0	0.51	ug/L			11/14/15 22:04	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/14/15 22:04	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/14/15 22:04	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/14/15 22:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 22:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 22:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 22:04	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 22:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/14/15 22:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/14/15 22:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/14/15 22:04	1
Vinyl chloride	**0.88**	**I**	1.0	0.71	ug/L			11/14/15 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/14/15 22:04*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*11/14/15 22:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/14/15 22:04*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**130**		10	6.7	ug/L			11/14/15 17:25	10
Tetrachloroethene	**160**		10	5.0	ug/L			11/14/15 17:25	10

Client Sample ID: EW3013_INF

Lab Sample ID: 660-70273-53

Date Collected: 11/05/15 07:32

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**92**		10	6.1	ug/L			11/14/15 17:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/14/15 17:25*	*10*
Dibromofluoromethane	*106*		*70 - 130*		*11/14/15 17:25*	*10*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/14/15 17:25*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**41**		2.0	1.0	ug/L			11/13/15 16:48	1

Client Sample ID: EW3014_INF

Lab Sample ID: 660-70273-54

Date Collected: 11/05/15 07:38

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/14/15 15:53	1
Benzene	0.50	U	1.0	0.50	ug/L			11/14/15 15:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 15:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/14/15 15:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/14/15 15:53	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/14/15 15:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/14/15 15:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/14/15 15:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/14/15 15:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/14/15 15:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/14/15 15:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/14/15 15:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/14/15 15:53	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/14/15 15:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/14/15 15:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/14/15 15:53	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.65	ug/L			11/14/15 15:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/14/15 15:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/14/15 15:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/14/15 15:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/14/15 15:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/14/15 15:53	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/14/15 15:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/14/15 15:53	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 15:53	1
1,1-Dichloroethane	**6.8**		1.0	0.52	ug/L			11/14/15 15:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/14/15 15:53	1
1,1-Dichloroethene	**17**		1.0	0.67	ug/L			11/14/15 15:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/14/15 15:53	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/14/15 15:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/14/15 15:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/14/15 15:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/14/15 15:53	1

Client Sample ID: EW3014_INF

Lab Sample ID: 660-70273-54

Date Collected: 11/05/15 07:38

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/14/15 15:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/14/15 15:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/14/15 15:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/14/15 15:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/14/15 15:53	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/14/15 15:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/14/15 15:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/14/15 15:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/14/15 15:53	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/14/15 15:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/14/15 15:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/14/15 15:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/14/15 15:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/14/15 15:53	1
Styrene	0.98	U	2.0	0.98	ug/L			11/14/15 15:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/14/15 15:53	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/14/15 15:53	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/14/15 15:53	1
Tetrachloroethene	**2.8**		1.0	0.50	ug/L			11/14/15 15:53	1
Toluene	0.51	U	1.0	0.51	ug/L			11/14/15 15:53	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/14/15 15:53	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/14/15 15:53	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/14/15 15:53	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 15:53	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 15:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 15:53	1
Trichloroethene	**8.5**		1.0	0.61	ug/L			11/14/15 15:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 15:53	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/14/15 15:53	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/14/15 15:53	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/14/15 15:53	1
Vinyl chloride	**2.2**		1.0	0.71	ug/L			11/14/15 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/14/15 15:53*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/14/15 15:53*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/14/15 15:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**26**		2.0	1.0	ug/L			11/13/15 16:30	1

Client Sample ID: EW3015_INF

Lab Sample ID: 660-70273-55

Date Collected: 11/05/15 07:46

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/14/15 20:50	1
Benzene	0.50	U	1.0	0.50	ug/L			11/14/15 20:50	1

Client Sample ID: EW3015_INF
Date Collected: 11/05/15 07:46
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-55
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 20:50	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/14/15 20:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/14/15 20:50	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/14/15 20:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/14/15 20:50	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/14/15 20:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/14/15 20:50	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/14/15 20:50	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/14/15 20:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/14/15 20:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/14/15 20:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/14/15 20:50	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/14/15 20:50	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/14/15 20:50	1
cis-1,2-Dichloroethene	**7.1**		1.0	0.65	ug/L			11/14/15 20:50	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/14/15 20:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/14/15 20:50	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/14/15 20:50	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/14/15 20:50	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/14/15 20:50	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/14/15 20:50	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/14/15 20:50	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 20:50	1
1,1-Dichloroethane	**44**		1.0	0.52	ug/L			11/14/15 20:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/14/15 20:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/14/15 20:50	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/14/15 20:50	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/14/15 20:50	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/14/15 20:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/14/15 20:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/14/15 20:50	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/14/15 20:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/14/15 20:50	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/14/15 20:50	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/14/15 20:50	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/14/15 20:50	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/14/15 20:50	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/14/15 20:50	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/14/15 20:50	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/14/15 20:50	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/14/15 20:50	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/14/15 20:50	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/14/15 20:50	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/14/15 20:50	1
Styrene	0.98	U	2.0	0.98	ug/L			11/14/15 20:50	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/14/15 20:50	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/14/15 20:50	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/14/15 20:50	1
Tetrachloroethene	**24**		1.0	0.50	ug/L			11/14/15 20:50	1

Client Sample ID: EW3015_INF

Lab Sample ID: 660-70273-55

Date Collected: 11/05/15 07:46

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.51	U	1.0	0.51	ug/L			11/14/15 20:50	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/14/15 20:50	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/14/15 20:50	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/14/15 20:50	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 20:50	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 20:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 20:50	1
Trichloroethene	**76**		1.0	0.61	ug/L			11/14/15 20:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 20:50	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/14/15 20:50	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/14/15 20:50	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/14/15 20:50	1
Vinyl chloride	**1.1**		1.0	0.71	ug/L			11/14/15 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*11/14/15 20:50*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/14/15 20:50*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/14/15 20:50*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**180**		10	6.7	ug/L			11/14/15 17:44	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/14/15 17:44*	*10*
Dibromofluoromethane	*106*		*70 - 130*		*11/14/15 17:44*	*10*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/14/15 17:44*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**300**		10	5.0	ug/L			11/13/15 19:39	5

Client Sample ID: EW3016_INF

Lab Sample ID: 660-70273-56

Date Collected: 11/05/15 07:56

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/14/15 19:36	1
Benzene	0.50	U	1.0	0.50	ug/L			11/14/15 19:36	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 19:36	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/14/15 19:36	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/14/15 19:36	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/14/15 19:36	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/14/15 19:36	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/14/15 19:36	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/14/15 19:36	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/14/15 19:36	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/14/15 19:36	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/14/15 19:36	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/14/15 19:36	1

Client Sample ID: EW3016_INF
Date Collected: 11/05/15 07:56
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-56
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	1.0	U	4.0	1.0	ug/L			11/14/15 19:36	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/14/15 19:36	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/14/15 19:36	1
cis-1,2-Dichloroethene	**2.0**		1.0	0.65	ug/L			11/14/15 19:36	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/14/15 19:36	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/14/15 19:36	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/14/15 19:36	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/14/15 19:36	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/14/15 19:36	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/14/15 19:36	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/14/15 19:36	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 19:36	1
1,1-Dichloroethane	**54**		1.0	0.52	ug/L			11/14/15 19:36	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/14/15 19:36	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/14/15 19:36	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/14/15 19:36	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/14/15 19:36	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/14/15 19:36	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/14/15 19:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/14/15 19:36	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/14/15 19:36	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/14/15 19:36	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/14/15 19:36	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/14/15 19:36	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/14/15 19:36	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/14/15 19:36	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/14/15 19:36	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/14/15 19:36	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/14/15 19:36	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/14/15 19:36	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/14/15 19:36	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/14/15 19:36	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/14/15 19:36	1
Styrene	0.98	U	2.0	0.98	ug/L			11/14/15 19:36	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/14/15 19:36	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/14/15 19:36	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/14/15 19:36	1
Tetrachloroethene	**1.6**		1.0	0.50	ug/L			11/14/15 19:36	1
Toluene	0.51	U	1.0	0.51	ug/L			11/14/15 19:36	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/14/15 19:36	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/14/15 19:36	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/14/15 19:36	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 19:36	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 19:36	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 19:36	1
Trichloroethene	**5.4**		1.0	0.61	ug/L			11/14/15 19:36	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 19:36	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/14/15 19:36	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/14/15 19:36	1

Client Sample ID: EW3016_INF

Date Collected: 11/05/15 07:56
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-56

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/14/15 19:36	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/14/15 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/14/15 19:36*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*11/14/15 19:36*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/14/15 19:36*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**86**		5.0	3.4	ug/L			11/14/15 18:03	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/14/15 18:03*	*5*
Dibromofluoromethane	*107*		*70 - 130*		*11/14/15 18:03*	*5*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/14/15 18:03*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**320**		10	5.0	ug/L			11/13/15 19:58	5

Client Sample ID: EW3017_INF

Date Collected: 11/05/15 08:06
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-57

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/14/15 19:54	1
Benzene	0.50	U	1.0	0.50	ug/L			11/14/15 19:54	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 19:54	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/14/15 19:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/14/15 19:54	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/14/15 19:54	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/14/15 19:54	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/14/15 19:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/14/15 19:54	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/14/15 19:54	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/14/15 19:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/14/15 19:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/14/15 19:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/14/15 19:54	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/14/15 19:54	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/14/15 19:54	1
cis-1,2-Dichloroethene	**3.4**		1.0	0.65	ug/L			11/14/15 19:54	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/14/15 19:54	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/14/15 19:54	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/14/15 19:54	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/14/15 19:54	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/14/15 19:54	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/14/15 19:54	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/14/15 19:54	1

Client Sample ID: EW3017_INF
Date Collected: 11/05/15 08:06
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-57
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 19:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/14/15 19:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/14/15 19:54	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/14/15 19:54	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/14/15 19:54	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/14/15 19:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/14/15 19:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/14/15 19:54	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/14/15 19:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/14/15 19:54	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/14/15 19:54	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/14/15 19:54	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/14/15 19:54	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/14/15 19:54	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/14/15 19:54	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/14/15 19:54	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/14/15 19:54	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/14/15 19:54	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/14/15 19:54	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/14/15 19:54	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/14/15 19:54	1
Styrene	0.98	U	2.0	0.98	ug/L			11/14/15 19:54	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/14/15 19:54	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/14/15 19:54	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/14/15 19:54	1
Tetrachloroethene	**1.3**		1.0	0.50	ug/L			11/14/15 19:54	1
Toluene	0.51	U	1.0	0.51	ug/L			11/14/15 19:54	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/14/15 19:54	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/14/15 19:54	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/14/15 19:54	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 19:54	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 19:54	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 19:54	1
Trichloroethene	**8.4**		1.0	0.61	ug/L			11/14/15 19:54	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 19:54	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/14/15 19:54	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/14/15 19:54	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/14/15 19:54	1
Vinyl chloride	**1.4**		1.0	0.71	ug/L			11/14/15 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/14/15 19:54*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/14/15 19:54*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/14/15 19:54*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**190**		10	5.2	ug/L			11/14/15 18:21	10
1,1-Dichloroethene	**230**		10	6.7	ug/L			11/14/15 18:21	10

Client Sample ID: EW3017_INF

Date Collected: 11/05/15 08:06
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-57

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/14/15 18:21*	*10*
Dibromofluoromethane	*106*		*70 - 130*		*11/14/15 18:21*	*10*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/14/15 18:21*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1300**		100	50	ug/L			11/13/15 20:41	50

Client Sample ID: EW3018_INF

Date Collected: 11/05/15 08:12
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-58

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/14/15 16:11	1
Benzene	0.50	U	1.0	0.50	ug/L			11/14/15 16:11	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 16:11	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/14/15 16:11	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/14/15 16:11	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/14/15 16:11	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/14/15 16:11	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/14/15 16:11	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/14/15 16:11	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/14/15 16:11	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/14/15 16:11	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/14/15 16:11	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/14/15 16:11	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/14/15 16:11	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/14/15 16:11	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/14/15 16:11	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/14/15 16:11	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/14/15 16:11	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/14/15 16:11	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/14/15 16:11	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/14/15 16:11	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/14/15 16:11	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/14/15 16:11	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/14/15 16:11	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 16:11	1
1,1-Dichloroethane	**14**		1.0	0.52	ug/L			11/14/15 16:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/14/15 16:11	1
1,1-Dichloroethene	**14**		1.0	0.67	ug/L			11/14/15 16:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/14/15 16:11	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/14/15 16:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/14/15 16:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/14/15 16:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/14/15 16:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/14/15 16:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/14/15 16:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/14/15 16:11	1

Client Sample ID: EW3018_INF

Lab Sample ID: 660-70273-58

Date Collected: 11/05/15 08:12

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/14/15 16:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/14/15 16:11	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/14/15 16:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/14/15 16:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/14/15 16:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/14/15 16:11	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/14/15 16:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/14/15 16:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/14/15 16:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/14/15 16:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/14/15 16:11	1
Styrene	0.98	U	2.0	0.98	ug/L			11/14/15 16:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/14/15 16:11	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/14/15 16:11	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/14/15 16:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/14/15 16:11	1
Toluene	0.51	U	1.0	0.51	ug/L			11/14/15 16:11	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/14/15 16:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/14/15 16:11	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/14/15 16:11	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 16:11	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 16:11	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 16:11	1
Trichloroethene	**1.4**		1.0	0.61	ug/L			11/14/15 16:11	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 16:11	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/14/15 16:11	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/14/15 16:11	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/14/15 16:11	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/14/15 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*11/14/15 16:11*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*11/14/15 16:11*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/14/15 16:11*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**56**		4.0	2.0	ug/L			11/13/15 18:22	2

Client Sample ID: EW3019_INF

Lab Sample ID: 660-70273-59

Date Collected: 11/05/15 08:16

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 15:48	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 15:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 15:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 15:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:48	1

Client Sample ID: EW3019_INF
Date Collected: 11/05/15 08:16
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-59
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 15:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 15:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 15:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 15:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 15:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 15:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 15:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 15:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 15:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 15:48	1
cis-1,2-Dichloroethene	**1.7**		1.0	0.65	ug/L			11/16/15 15:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 15:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 15:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 15:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 15:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 15:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 15:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 15:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:48	1
1,1-Dichloroethane	**82**		1.0	0.52	ug/L			11/16/15 15:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 15:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 15:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 15:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 15:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 15:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 15:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 15:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 15:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 15:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 15:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 15:48	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 15:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 15:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 15:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 15:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 15:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 15:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 15:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 15:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 15:48	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 15:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 15:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 15:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 15:48	1
Tetrachloroethene	**6.2**		1.0	0.50	ug/L			11/16/15 15:48	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 15:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 15:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 15:48	1

Client Sample ID: EW3019_INF

Date Collected: 11/05/15 08:16
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-59

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 15:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 15:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 15:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 15:48	1
Trichloroethene	**8.3**		1.0	0.61	ug/L			11/16/15 15:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 15:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 15:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 15:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/16/15 15:48*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*11/16/15 15:48*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/16/15 15:48*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**80**		5.0	3.4	ug/L			11/16/15 14:34	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*11/16/15 14:34*	*5*
Dibromofluoromethane	*109*		*70 - 130*		*11/16/15 14:34*	*5*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/16/15 14:34*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**390**		20	10	ug/L			11/13/15 20:22	10

Client Sample ID: EW3020_INF

Date Collected: 11/03/15 10:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-60

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 16:06	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 16:06	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 16:06	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 16:06	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 16:06	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 16:06	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 16:06	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 16:06	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 16:06	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 16:06	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 16:06	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 16:06	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 16:06	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 16:06	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 16:06	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 16:06	1

Client Sample ID: EW3020_INF
Date Collected: 11/03/15 10:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-60
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**5.8**		1.0	0.65	ug/L			11/16/15 16:06	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 16:06	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 16:06	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 16:06	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 16:06	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 16:06	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 16:06	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 16:06	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 16:06	1
1,1-Dichloroethane	**39**		1.0	0.52	ug/L			11/16/15 16:06	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 16:06	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 16:06	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 16:06	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 16:06	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 16:06	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 16:06	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 16:06	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 16:06	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 16:06	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 16:06	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 16:06	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 16:06	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 16:06	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 16:06	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 16:06	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 16:06	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 16:06	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 16:06	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 16:06	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 16:06	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 16:06	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 16:06	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 16:06	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 16:06	1
Tetrachloroethene	**4.9**		1.0	0.50	ug/L			11/16/15 16:06	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 16:06	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 16:06	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 16:06	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 16:06	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 16:06	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 16:06	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 16:06	1
Trichloroethene	**49**		1.0	0.61	ug/L			11/16/15 16:06	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 16:06	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 16:06	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 16:06	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 16:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 16:06	1

Client Sample ID: EW3020_INF

Date Collected: 11/03/15 10:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-60

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 16:06*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*11/16/15 16:06*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/16/15 16:06*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**89**		5.0	3.4	ug/L			11/16/15 14:52	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 14:52*	*5*
Dibromofluoromethane	*107*		*70 - 130*		*11/16/15 14:52*	*5*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/16/15 14:52*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**220**		10	5.0	ug/L			11/16/15 21:07	5

Client Sample ID: EW3021_INF

Date Collected: 11/04/15 10:35
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-61

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 15:03	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 15:03	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 15:03	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 15:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:03	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 15:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 15:03	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 15:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 15:03	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 15:03	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 15:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 15:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 15:03	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 15:03	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 15:03	1
cis-1,2-Dichloroethene	**24**		1.0	0.65	ug/L			11/16/15 15:03	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 15:03	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 15:03	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 15:03	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 15:03	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 15:03	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 15:03	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 15:03	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			11/16/15 15:03	1
1,1-Dichloroethane	**7.0**		1.0	0.52	ug/L			11/16/15 15:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 15:03	1
1,1-Dichloroethene	**13**		1.0	0.67	ug/L			11/16/15 15:03	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3021_INF
Date Collected: 11/04/15 10:35
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-61
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 15:03	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 15:03	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 15:03	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 15:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 15:03	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 15:03	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 15:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 15:03	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 15:03	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 15:03	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 15:03	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 15:03	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 15:03	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 15:03	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 15:03	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 15:03	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 15:03	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 15:03	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 15:03	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 15:03	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 15:03	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 15:03	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 15:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 15:03	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 15:03	1
trans-1,2-Dichloroethene	**10**		1.0	0.67	ug/L			11/16/15 15:03	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 15:03	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 15:03	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 15:03	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 15:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 15:03	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:03	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 15:03	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 15:03	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 15:03	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/16/15 15:03*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*11/16/15 15:03*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/16/15 15:03*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**190**		10	6.1	ug/L			11/16/15 13:27	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/16/15 13:27*	*10*
Dibromofluoromethane	*106*		*70 - 130*		*11/16/15 13:27*	*10*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/16/15 13:27*	*10*

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3021_INF

Lab Sample ID: 660-70273-61

Date Collected: 11/04/15 10:35

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**86**		4.0	2.0	ug/L			11/16/15 19:33	2

Client Sample ID: EW3022_INF

Lab Sample ID: 660-70273-62

Date Collected: 11/04/15 10:16

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 10:08	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 10:08	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 10:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 10:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 10:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 10:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 10:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 10:08	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 10:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 10:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 10:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 10:08	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 10:08	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 10:08	1
cis-1,2-Dichloroethene	**9.9**		1.0	0.65	ug/L			11/16/15 10:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 10:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 10:08	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 10:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 10:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 10:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 10:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 10:08	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			11/16/15 10:08	1
1,1-Dichloroethane	**30**		1.0	0.52	ug/L			11/16/15 10:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 10:08	1
1,1-Dichloroethene	**27**		1.0	0.67	ug/L			11/16/15 10:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 10:08	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 10:08	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 10:08	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 10:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 10:08	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 10:08	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 10:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 10:08	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 10:08	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 10:08	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 10:08	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 10:08	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 10:08	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 10:08	1

Client Sample ID: EW3022_INF

Date Collected: 11/04/15 10:16
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-62
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 10:08	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 10:08	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 10:08	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 10:08	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 10:08	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 10:08	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 10:08	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 10:08	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 10:08	1
Tetrachloroethene	**1.5**		1.0	0.50	ug/L			11/16/15 10:08	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 10:08	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 10:08	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 10:08	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 10:08	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 10:08	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 10:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 10:08	1
Trichloroethene	**7.7**		1.0	0.61	ug/L			11/16/15 10:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:08	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 10:08	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 10:08	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 10:08	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 10:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 10:08*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/16/15 10:08*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/16/15 10:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**260**		10	5.0	ug/L			11/16/15 20:48	5

Client Sample ID: EW3023_INF

Date Collected: 11/05/15 07:20
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-63
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	40	20	ug/L			11/16/15 16:25	2
Benzene	1.0	U	2.0	1.0	ug/L			11/16/15 16:25	2
Bromobenzene	1.2	U	2.0	1.2	ug/L			11/16/15 16:25	2
Bromoform	1.3	U	2.0	1.3	ug/L			11/16/15 16:25	2
Bromomethane	5.0	U	10	5.0	ug/L			11/16/15 16:25	2
2-Butanone (MEK)	17	U	20	17	ug/L			11/16/15 16:25	2
Carbon disulfide	2.0	U	4.0	2.0	ug/L			11/16/15 16:25	2
Carbon tetrachloride	0.86	U	2.0	0.86	ug/L			11/16/15 16:25	2
Chlorobenzene	1.3	U	2.0	1.3	ug/L			11/16/15 16:25	2
Chlorobromomethane	1.2	U	2.0	1.2	ug/L			11/16/15 16:25	2
Chlorodibromomethane	0.62	U	2.0	0.62	ug/L			11/16/15 16:25	2

Client Sample ID: EW3023_INF
Date Collected: 11/05/15 07:20
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-63
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	5.0	U	10	5.0	ug/L			11/16/15 16:25	2
Chloroform	1.8	U	2.0	1.8	ug/L			11/16/15 16:25	2
Chloromethane	2.0	U	8.0	2.0	ug/L			11/16/15 16:25	2
2-Chlorotoluene	1.3	U	2.0	1.3	ug/L			11/16/15 16:25	2
4-Chlorotoluene	1.0	U	2.0	1.0	ug/L			11/16/15 16:25	2
cis-1,2-Dichloroethene	**15**		2.0	1.3	ug/L			11/16/15 16:25	2
cis-1,3-Dichloropropene	0.78	U	2.0	0.78	ug/L			11/16/15 16:25	2
1,2-Dibromo-3-Chloropropane	5.0	U	10	5.0	ug/L			11/16/15 16:25	2
Dibromomethane	0.92	U	2.0	0.92	ug/L			11/16/15 16:25	2
1,2-Dichlorobenzene	0.98	U	2.0	0.98	ug/L			11/16/15 16:25	2
1,3-Dichlorobenzene	1.3	U	2.0	1.3	ug/L			11/16/15 16:25	2
1,4-Dichlorobenzene	1.2	U	2.0	1.2	ug/L			11/16/15 16:25	2
Dichlorobromomethane	0.88	U	2.0	0.88	ug/L			11/16/15 16:25	2
Dichlorodifluoromethane	5.0	U	10	5.0	ug/L			11/16/15 16:25	2
1,1-Dichloroethane	**89**		2.0	1.0	ug/L			11/16/15 16:25	2
1,2-Dichloroethane	1.1	U	2.0	1.1	ug/L			11/16/15 16:25	2
1,2-Dichloropropane	1.0	U	2.0	1.0	ug/L			11/16/15 16:25	2
1,3-Dichloropropane	0.84	U	2.0	0.84	ug/L			11/16/15 16:25	2
2,2-Dichloropropane	0.72	U	2.0	0.72	ug/L			11/16/15 16:25	2
1,1-Dichloropropene	1.3	U	2.0	1.3	ug/L			11/16/15 16:25	2
Ethylbenzene	0.88	U	2.0	0.88	ug/L			11/16/15 16:25	2
Ethylene Dibromide	1.0	U	2.0	1.0	ug/L			11/16/15 16:25	2
Hexachlorobutadiene	0.68	U	2.0	0.68	ug/L			11/16/15 16:25	2
2-Hexanone	8.8	U	20	8.8	ug/L			11/16/15 16:25	2
Isopropylbenzene	1.0	U	2.0	1.0	ug/L			11/16/15 16:25	2
4-Isopropyltoluene	1.4	U	2.0	1.4	ug/L			11/16/15 16:25	2
Methylene Chloride	8.0	U	10	8.0	ug/L			11/16/15 16:25	2
4-Methyl-2-pentanone (MIBK)	8.0	U	20	8.0	ug/L			11/16/15 16:25	2
Methyl tert-butyl ether	0.88	U	2.0	0.88	ug/L			11/16/15 16:25	2
m-Xylene & p-Xylene	1.2	U	4.0	1.2	ug/L			11/16/15 16:25	2
Naphthalene	5.0	U	10	5.0	ug/L			11/16/15 16:25	2
n-Butylbenzene	1.3	U	2.0	1.3	ug/L			11/16/15 16:25	2
N-Propylbenzene	1.2	U	2.0	1.2	ug/L			11/16/15 16:25	2
o-Xylene	1.0	U	2.0	1.0	ug/L			11/16/15 16:25	2
sec-Butylbenzene	1.3	U	2.0	1.3	ug/L			11/16/15 16:25	2
Styrene	2.0	U	4.0	2.0	ug/L			11/16/15 16:25	2
tert-Butylbenzene	1.7	U	2.0	1.7	ug/L			11/16/15 16:25	2
1,1,1,2-Tetrachloroethane	1.3	U	2.0	1.3	ug/L			11/16/15 16:25	2
1,1,2,2-Tetrachloroethane	0.34	U	2.0	0.34	ug/L			11/16/15 16:25	2
Tetrachloroethene	**22**		2.0	1.0	ug/L			11/16/15 16:25	2
Toluene	1.0	U	2.0	1.0	ug/L			11/16/15 16:25	2
trans-1,2-Dichloroethene	1.3	U	2.0	1.3	ug/L			11/16/15 16:25	2
trans-1,3-Dichloropropene	0.54	U	2.0	0.54	ug/L			11/16/15 16:25	2
1,2,3-Trichlorobenzene	1.5	U	2.0	1.5	ug/L			11/16/15 16:25	2
1,2,4-Trichlorobenzene	1.2	U	2.0	1.2	ug/L			11/16/15 16:25	2
1,1,1-Trichloroethane	0.94	U	2.0	0.94	ug/L			11/16/15 16:25	2
1,1,2-Trichloroethane	0.94	U	2.0	0.94	ug/L			11/16/15 16:25	2
Trichloroethene	**80**		2.0	1.2	ug/L			11/16/15 16:25	2
Trichlorofluoromethane	5.0	U	10	5.0	ug/L			11/16/15 16:25	2

Client Sample ID: EW3023_INF

Lab Sample ID: 660-70273-63

Date Collected: 11/05/15 07:20

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.88	U	2.0	0.88	ug/L			11/16/15 16:25	2
1,2,4-Trimethylbenzene	1.7	U	2.0	1.7	ug/L			11/16/15 16:25	2
1,3,5-Trimethylbenzene	1.1	U	2.0	1.1	ug/L			11/16/15 16:25	2
Vinyl chloride	**2.9**		2.0	1.4	ug/L			11/16/15 16:25	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/16/15 16:25*	*2*
Dibromofluoromethane	*105*		*70 - 130*		*11/16/15 16:25*	*2*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/16/15 16:25*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**370**		20	13	ug/L			11/16/15 15:11	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/16/15 15:11*	*20*
Dibromofluoromethane	*106*		*70 - 130*		*11/16/15 15:11*	*20*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/16/15 15:11*	*20*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**200**		10	5.0	ug/L			11/16/15 20:30	5

Client Sample ID: EW3024_INF

Lab Sample ID: 660-70273-64

Date Collected: 11/04/15 15:30

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 15:29	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 15:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 15:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 15:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:29	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 15:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 15:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 15:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 15:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 15:29	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 15:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 15:29	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 15:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 15:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 15:29	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.65	ug/L			11/16/15 15:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 15:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 15:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 15:29	1
1,2-Dichlorobenzene	**0.58**	**I**	1.0	0.49	ug/L			11/16/15 15:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 15:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3024_INF
Date Collected: 11/04/15 15:30
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-64
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 15:29	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 15:29	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:29	1
1,1-Dichloroethane	**11**		1.0	0.52	ug/L			11/16/15 15:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 15:29	1
1,1-Dichloroethene	**89**		1.0	0.67	ug/L			11/16/15 15:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 15:29	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 15:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 15:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 15:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 15:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 15:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 15:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 15:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 15:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 15:29	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 15:29	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 15:29	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 15:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 15:29	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 15:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 15:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 15:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 15:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 15:29	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 15:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 15:29	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 15:29	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 15:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 15:29	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 15:29	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 15:29	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 15:29	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 15:29	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 15:29	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 15:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 15:29	1
Trichloroethene	**8.8**		1.0	0.61	ug/L			11/16/15 15:29	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:29	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 15:29	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 15:29	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 15:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 15:29*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*11/16/15 15:29*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/16/15 15:29*	*1*

Client Sample ID: EW3024_INF

Date Collected: 11/04/15 15:30
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-64
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**15**		2.0	1.0	ug/L			11/16/15 14:15	1

Client Sample ID: EW3025_INF

Date Collected: 11/04/15 10:10
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-65
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 15:21	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 15:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 15:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 15:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 15:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 15:21	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 15:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 15:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 15:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 15:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 15:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 15:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 15:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 15:21	1
cis-1,2-Dichloroethene	**5.8**		1.0	0.65	ug/L			11/16/15 15:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 15:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 15:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 15:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 15:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 15:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 15:21	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 15:21	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			11/16/15 15:21	1
1,1-Dichloroethane	**15**		1.0	0.52	ug/L			11/16/15 15:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 15:21	1
1,1-Dichloroethene	**23**		1.0	0.67	ug/L			11/16/15 15:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 15:21	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 15:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 15:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 15:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 15:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 15:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 15:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 15:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 15:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 15:21	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 15:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 15:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 15:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 15:21	1

Client Sample ID: EW3025_INF

Lab Sample ID: 660-70273-65

Date Collected: 11/04/15 10:10

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 15:21	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 15:21	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 15:21	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 15:21	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 15:21	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 15:21	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 15:21	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 15:21	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 15:21	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 15:21	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 15:21	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 15:21	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 15:21	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 15:21	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 15:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 15:21	1
Trichloroethene	**86**		1.0	0.61	ug/L			11/16/15 15:21	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:21	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 15:21	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 15:21	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 15:21	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/16/15 15:21*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/16/15 15:21*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/16/15 15:21*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**120**		5.0	2.5	ug/L			11/16/15 16:36	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*11/16/15 16:36*	*5*
Dibromofluoromethane	*109*		*70 - 130*		*11/16/15 16:36*	*5*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/16/15 16:36*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**92**		4.0	2.0	ug/L			11/16/15 19:15	2

Client Sample ID: EW3026_INF

Lab Sample ID: 660-70273-66

Date Collected: 11/04/15 09:34

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 13:38	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 13:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 13:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 13:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3026_INF
Date Collected: 11/04/15 09:34
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-66
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 13:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 13:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 13:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 13:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 13:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 13:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 13:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 13:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 13:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 13:38	1
cis-1,2-Dichloroethene	**2.6**		1.0	0.65	ug/L			11/16/15 13:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 13:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 13:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 13:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 13:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 13:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 13:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 13:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:38	1
1,1-Dichloroethane	**17**		1.0	0.52	ug/L			11/16/15 13:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 13:38	1
1,1-Dichloroethene	**46**		1.0	0.67	ug/L			11/16/15 13:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 13:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 13:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 13:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 13:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 13:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 13:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 13:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 13:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 13:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 13:38	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 13:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 13:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 13:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 13:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 13:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 13:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 13:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 13:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 13:38	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 13:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 13:38	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 13:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 13:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 13:38	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 13:38	1

Client Sample ID: EW3026_INF

Lab Sample ID: 660-70273-66

Date Collected: 11/04/15 09:34

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 13:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 13:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 13:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 13:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 13:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 13:38	1
Trichloroethene	**7.0**		1.0	0.61	ug/L			11/16/15 13:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 13:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 13:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 13:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/16/15 13:38*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/16/15 13:38*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/16/15 13:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**200**		10	5.0	ug/L			11/16/15 20:11	5

Client Sample ID: EW3027_INF

Lab Sample ID: 660-70273-67

Date Collected: 11/04/15 14:12

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 16:55	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 16:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 16:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 16:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 16:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 16:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 16:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 16:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 16:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 16:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 16:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 16:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 16:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 16:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 16:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 16:55	1
cis-1,2-Dichloroethene	**51**		1.0	0.65	ug/L			11/16/15 16:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 16:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 16:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 16:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 16:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 16:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3027_INF
Date Collected: 11/04/15 14:12
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-67
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 16:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 16:55	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			11/16/15 16:55	1
1,1-Dichloroethane	**20**		1.0	0.52	ug/L			11/16/15 16:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 16:55	1
1,1-Dichloroethene	**42**		1.0	0.67	ug/L			11/16/15 16:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 16:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 16:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 16:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 16:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 16:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 16:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 16:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 16:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 16:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 16:55	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 16:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 16:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 16:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 16:55	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 16:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 16:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 16:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 16:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 16:55	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 16:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 16:55	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 16:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 16:55	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 16:55	1
trans-1,2-Dichloroethene	**0.68**	**I**	1.0	0.67	ug/L			11/16/15 16:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 16:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 16:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 16:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 16:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 16:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 16:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 16:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 16:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 16:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 16:55*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/16/15 16:55*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*11/16/15 16:55*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**91**		5.0	2.5	ug/L			11/16/15 14:25	5

Client Sample ID: EW3027_INF

Date Collected: 11/04/15 14:12
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-67

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 14:25*	*5*
Dibromofluoromethane	*111*		*70 - 130*		*11/16/15 14:25*	*5*
Toluene-d8 (Surr)	*105*		*70 - 130*		*11/16/15 14:25*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**540**		25	15	ug/L			11/17/15 12:03	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*11/17/15 12:03*	*25*
Dibromofluoromethane	*107*		*70 - 130*		*11/17/15 12:03*	*25*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/17/15 12:03*	*25*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**190**		20	10	ug/L			11/17/15 18:35	10

Client Sample ID: EW4001_INF

Date Collected: 11/03/15 15:04
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-68

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 10:27	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 10:27	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 10:27	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 10:27	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:27	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 10:27	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 10:27	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 10:27	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 10:27	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 10:27	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 10:27	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:27	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 10:27	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 10:27	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 10:27	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 10:27	1
cis-1,2-Dichloroethene	**13**		1.0	0.65	ug/L			11/16/15 10:27	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 10:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 10:27	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 10:27	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 10:27	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 10:27	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 10:27	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 10:27	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			11/16/15 10:27	1
1,1-Dichloroethane	**0.95**	**I**	1.0	0.52	ug/L			11/16/15 10:27	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 10:27	1
1,1-Dichloroethene	**1.1**		1.0	0.67	ug/L			11/16/15 10:27	1

Client Sample ID: EW4001_INF
Date Collected: 11/03/15 15:04
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-68
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 10:27	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 10:27	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 10:27	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 10:27	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 10:27	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 10:27	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 10:27	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 10:27	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 10:27	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 10:27	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 10:27	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 10:27	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 10:27	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 10:27	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 10:27	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 10:27	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 10:27	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 10:27	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 10:27	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 10:27	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 10:27	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 10:27	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 10:27	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 10:27	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 10:27	1
trans-1,2-Dichloroethene	**21**		1.0	0.67	ug/L			11/16/15 10:27	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 10:27	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 10:27	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 10:27	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 10:27	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 10:27	1
Trichloroethene	**0.95**	**I**	1.0	0.61	ug/L			11/16/15 10:27	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:27	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 10:27	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 10:27	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 10:27	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/16/15 10:27*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/16/15 10:27*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/16/15 10:27*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**17**		2.0	1.0	ug/L			11/16/15 16:06	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW4002_INF
Date Collected: 11/03/15 14:12
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-69
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 10:05	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 10:05	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 10:05	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 10:05	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:05	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 10:05	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 10:05	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 10:05	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 10:05	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 10:05	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 10:05	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:05	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 10:05	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 10:05	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 10:05	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 10:05	1
cis-1,2-Dichloroethene	**10**		1.0	0.65	ug/L			11/16/15 10:05	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 10:05	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 10:05	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 10:05	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 10:05	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 10:05	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 10:05	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 10:05	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:05	1
1,1-Dichloroethane	**3.6**		1.0	0.52	ug/L			11/16/15 10:05	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 10:05	1
1,1-Dichloroethene	**10**		1.0	0.67	ug/L			11/16/15 10:05	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 10:05	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 10:05	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 10:05	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 10:05	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 10:05	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 10:05	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 10:05	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 10:05	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 10:05	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 10:05	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 10:05	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 10:05	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 10:05	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 10:05	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 10:05	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 10:05	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 10:05	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 10:05	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 10:05	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 10:05	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 10:05	1

Client Sample ID: EW4002_INF

Lab Sample ID: 660-70273-69

Date Collected: 11/03/15 14:12

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 10:05	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 10:05	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 10:05	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 10:05	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 10:05	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 10:05	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 10:05	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 10:05	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 10:05	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 10:05	1
Trichloroethene	**16**		1.0	0.61	ug/L			11/16/15 10:05	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:05	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 10:05	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 10:05	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 10:05	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 10:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/16/15 10:05*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*11/16/15 10:05*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/16/15 10:05*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**24**		2.0	1.0	ug/L			11/16/15 16:24	1

Client Sample ID: EW4003_INF

Lab Sample ID: 660-70273-70

Date Collected: 11/04/15 16:14

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	100	50	ug/L			11/16/15 17:39	5
Benzene	2.5	U	5.0	2.5	ug/L			11/16/15 17:39	5
Bromobenzene	2.9	U	5.0	2.9	ug/L			11/16/15 17:39	5
Bromoform	3.2	U	5.0	3.2	ug/L			11/16/15 17:39	5
Bromomethane	13	U	25	13	ug/L			11/16/15 17:39	5
2-Butanone (MEK)	42	U	50	42	ug/L			11/16/15 17:39	5
Carbon disulfide	5.0	U	10	5.0	ug/L			11/16/15 17:39	5
Carbon tetrachloride	2.2	U	5.0	2.2	ug/L			11/16/15 17:39	5
Chlorobenzene	3.2	U	5.0	3.2	ug/L			11/16/15 17:39	5
Chlorobromomethane	2.9	U	5.0	2.9	ug/L			11/16/15 17:39	5
Chlorodibromomethane	1.6	U	5.0	1.6	ug/L			11/16/15 17:39	5
Chloroethane	13	U	25	13	ug/L			11/16/15 17:39	5
Chloroform	4.5	U	5.0	4.5	ug/L			11/16/15 17:39	5
Chloromethane	5.0	U	20	5.0	ug/L			11/16/15 17:39	5
2-Chlorotoluene	3.3	U	5.0	3.3	ug/L			11/16/15 17:39	5
4-Chlorotoluene	2.6	U	5.0	2.6	ug/L			11/16/15 17:39	5
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/L			11/16/15 17:39	5
1,2-Dibromo-3-Chloropropane	13	U	25	13	ug/L			11/16/15 17:39	5

Client Sample ID: EW4003_INF
Date Collected: 11/04/15 16:14
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-70
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	2.3	U	5.0	2.3	ug/L			11/16/15 17:39	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			11/16/15 17:39	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			11/16/15 17:39	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			11/16/15 17:39	5
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			11/16/15 17:39	5
Dichlorodifluoromethane	13	U	25	13	ug/L			11/16/15 17:39	5
1,1-Dichloroethane	**31**		5.0	2.6	ug/L			11/16/15 17:39	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			11/16/15 17:39	5
1,1-Dichloroethene	**130**		5.0	3.4	ug/L			11/16/15 17:39	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			11/16/15 17:39	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			11/16/15 17:39	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			11/16/15 17:39	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			11/16/15 17:39	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			11/16/15 17:39	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			11/16/15 17:39	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			11/16/15 17:39	5
2-Hexanone	22	U	50	22	ug/L			11/16/15 17:39	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			11/16/15 17:39	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			11/16/15 17:39	5
Methylene Chloride	20	U	25	20	ug/L			11/16/15 17:39	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			11/16/15 17:39	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			11/16/15 17:39	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			11/16/15 17:39	5
Naphthalene	13	U	25	13	ug/L			11/16/15 17:39	5
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			11/16/15 17:39	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			11/16/15 17:39	5
o-Xylene	2.5	U	5.0	2.5	ug/L			11/16/15 17:39	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			11/16/15 17:39	5
Styrene	4.9	U	10	4.9	ug/L			11/16/15 17:39	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			11/16/15 17:39	5
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			11/16/15 17:39	5
1,1,2,2-Tetrachloroethane	0.85	U	5.0	0.85	ug/L			11/16/15 17:39	5
Tetrachloroethene	2.5	U	5.0	2.5	ug/L			11/16/15 17:39	5
Toluene	2.6	U	5.0	2.6	ug/L			11/16/15 17:39	5
trans-1,2-Dichloroethene	**7.7**		5.0	3.4	ug/L			11/16/15 17:39	5
trans-1,3-Dichloropropene	1.4	U	5.0	1.4	ug/L			11/16/15 17:39	5
1,2,3-Trichlorobenzene	3.9	U	5.0	3.9	ug/L			11/16/15 17:39	5
1,2,4-Trichlorobenzene	2.9	U	5.0	2.9	ug/L			11/16/15 17:39	5
1,1,1-Trichloroethane	2.4	U	5.0	2.4	ug/L			11/16/15 17:39	5
1,1,2-Trichloroethane	2.4	U	5.0	2.4	ug/L			11/16/15 17:39	5
Trichloroethene	**13**		5.0	3.1	ug/L			11/16/15 17:39	5
Trichlorofluoromethane	13	U	25	13	ug/L			11/16/15 17:39	5
1,2,3-Trichloropropane	2.2	U	5.0	2.2	ug/L			11/16/15 17:39	5
1,2,4-Trimethylbenzene	4.3	U	5.0	4.3	ug/L			11/16/15 17:39	5
1,3,5-Trimethylbenzene	2.7	U	5.0	2.7	ug/L			11/16/15 17:39	5
Vinyl chloride	**320**		5.0	3.6	ug/L			11/16/15 17:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*11/16/15 17:39*	*5*
Dibromofluoromethane	*109*		*70 - 130*		*11/16/15 17:39*	*5*

Client Sample ID: EW4003_INF

Date Collected: 11/04/15 16:14
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-70

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/16/15 17:39*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**1300**		50	33	ug/L			11/16/15 14:44	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/16/15 14:44*	*50*
Dibromofluoromethane	*104*		*70 - 130*		*11/16/15 14:44*	*50*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/16/15 14:44*	*50*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**160**		10	5.0	ug/L			11/16/15 19:52	5

Client Sample ID: EW4004_INF

Date Collected: 11/04/15 07:45
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-71

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 10:24	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 10:24	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 10:24	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 10:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:24	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 10:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 10:24	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 10:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 10:24	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 10:24	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 10:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:24	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 10:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 10:24	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 10:24	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 10:24	1
cis-1,2-Dichloroethene	**0.75**	**I**	1.0	0.65	ug/L			11/16/15 10:24	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 10:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 10:24	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 10:24	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 10:24	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 10:24	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 10:24	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 10:24	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:24	1
1,1-Dichloroethane	**2.6**		1.0	0.52	ug/L			11/16/15 10:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 10:24	1
1,1-Dichloroethene	**10**		1.0	0.67	ug/L			11/16/15 10:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 10:24	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW4004_INF
Date Collected: 11/04/15 07:45
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-71
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 10:24	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 10:24	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 10:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 10:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 10:24	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 10:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 10:24	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 10:24	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 10:24	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 10:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 10:24	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 10:24	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 10:24	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 10:24	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 10:24	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 10:24	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 10:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 10:24	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 10:24	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 10:24	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 10:24	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 10:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 10:24	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 10:24	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 10:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 10:24	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 10:24	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 10:24	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 10:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 10:24	1
Trichloroethene	**1.6**		1.0	0.61	ug/L			11/16/15 10:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:24	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 10:24	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 10:24	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 10:24	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 10:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*11/16/15 10:24*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*11/16/15 10:24*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/16/15 10:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**17**		2.0	1.0	ug/L			11/16/15 16:46	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW4005_INF
Date Collected: 11/04/15 14:06
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-72
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 11:09	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 11:09	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 11:09	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 11:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 11:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 11:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 11:09	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 11:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 11:09	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 11:09	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 11:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 11:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 11:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 11:09	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 11:09	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 11:09	1
cis-1,2-Dichloroethene	**50**		1.0	0.65	ug/L			11/16/15 11:09	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 11:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 11:09	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 11:09	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 11:09	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 11:09	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 11:09	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 11:09	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 11:09	1
1,1-Dichloroethane	**11**		1.0	0.52	ug/L			11/16/15 11:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 11:09	1
1,1-Dichloroethene	**22**		1.0	0.67	ug/L			11/16/15 11:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 11:09	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 11:09	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 11:09	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 11:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 11:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 11:09	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 11:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 11:09	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 11:09	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 11:09	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 11:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 11:09	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 11:09	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 11:09	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 11:09	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 11:09	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 11:09	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 11:09	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 11:09	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 11:09	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 11:09	1

Client Sample ID: EW4005_INF

Lab Sample ID: 660-70273-72

Date Collected: 11/04/15 14:06

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 11:09	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 11:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 11:09	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 11:09	1
trans-1,2-Dichloroethene	**4.4**		1.0	0.67	ug/L			11/16/15 11:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 11:09	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 11:09	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 11:09	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 11:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 11:09	1
Trichloroethene	**4.8**		1.0	0.61	ug/L			11/16/15 11:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 11:09	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 11:09	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 11:09	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 11:09	1
Vinyl chloride	**2.3**		1.0	0.71	ug/L			11/16/15 11:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 11:09*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/16/15 11:09*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/16/15 11:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**100**		4.0	2.0	ug/L			11/16/15 18:57	2

Client Sample ID: EW4006_INF

Lab Sample ID: 660-70273-73

Date Collected: 11/04/15 10:25

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 12:42	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 12:42	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:42	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 12:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:42	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 12:42	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 12:42	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 12:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:42	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 12:42	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 12:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:42	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 12:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 12:42	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 12:42	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 12:42	1
cis-1,2-Dichloroethene	**4.9**		1.0	0.65	ug/L			11/16/15 12:42	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 12:42	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW4006_INF
Date Collected: 11/04/15 10:25
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-73
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 12:42	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 12:42	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 12:42	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 12:42	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 12:42	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 12:42	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:42	1
1,1-Dichloroethane	**3.3**		1.0	0.52	ug/L			11/16/15 12:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 12:42	1
1,1-Dichloroethene	**6.5**		1.0	0.67	ug/L			11/16/15 12:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 12:42	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 12:42	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 12:42	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 12:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 12:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 12:42	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 12:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 12:42	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 12:42	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 12:42	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 12:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 12:42	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 12:42	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 12:42	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 12:42	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 12:42	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 12:42	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 12:42	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:42	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 12:42	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 12:42	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 12:42	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 12:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 12:42	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 12:42	1
trans-1,2-Dichloroethene	**2.4**		1.0	0.67	ug/L			11/16/15 12:42	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 12:42	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 12:42	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:42	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:42	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:42	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/16/15 12:42	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:42	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 12:42	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 12:42	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 12:42	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/16/15 12:42*	*1*

Client Sample ID: EW4006_INF

Lab Sample ID: 660-70273-73

Date Collected: 11/04/15 10:25

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*104*		*70 - 130*		*11/16/15 12:42*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/16/15 12:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**60**		4.0	2.0	ug/L			11/16/15 18:36	2

Client Sample ID: EW4007_INF

Lab Sample ID: 660-70273-74

Date Collected: 11/04/15 09:45

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 13:01	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 13:01	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 13:01	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 13:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:01	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 13:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 13:01	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 13:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 13:01	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 13:01	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 13:01	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:01	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 13:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 13:01	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 13:01	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 13:01	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.65	ug/L			11/16/15 13:01	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 13:01	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 13:01	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 13:01	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 13:01	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 13:01	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 13:01	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 13:01	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:01	1
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			11/16/15 13:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 13:01	1
1,1-Dichloroethene	**5.8**		1.0	0.67	ug/L			11/16/15 13:01	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 13:01	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 13:01	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 13:01	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 13:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 13:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 13:01	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 13:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 13:01	1

Client Sample ID: EW4007_INF

Lab Sample ID: 660-70273-74

Date Collected: 11/04/15 09:45

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 13:01	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 13:01	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 13:01	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 13:01	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 13:01	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 13:01	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 13:01	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 13:01	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 13:01	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 13:01	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 13:01	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 13:01	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 13:01	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 13:01	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 13:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 13:01	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 13:01	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 13:01	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 13:01	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 13:01	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 13:01	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 13:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 13:01	1
Trichloroethene	**0.72**	**I**	1.0	0.61	ug/L			11/16/15 13:01	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:01	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 13:01	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 13:01	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 13:01	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/16/15 13:01*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/16/15 13:01*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/16/15 13:01*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**71**		4.0	2.0	ug/L			11/16/15 18:18	2

Client Sample ID: EW4008_INF

Lab Sample ID: 660-70273-75

Date Collected: 11/03/15 16:18

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 13:19	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 13:19	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 13:19	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 13:19	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:19	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW4008_INF
Date Collected: 11/03/15 16:18
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-75
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 13:19	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 13:19	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 13:19	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 13:19	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 13:19	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 13:19	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:19	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 13:19	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 13:19	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 13:19	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 13:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/16/15 13:19	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 13:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 13:19	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 13:19	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 13:19	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 13:19	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 13:19	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 13:19	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:19	1
1,1-Dichloroethane	**0.82**	**I**	1.0	0.52	ug/L			11/16/15 13:19	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 13:19	1
1,1-Dichloroethene	**0.99**	**I**	1.0	0.67	ug/L			11/16/15 13:19	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 13:19	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 13:19	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 13:19	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 13:19	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 13:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 13:19	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 13:19	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 13:19	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 13:19	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 13:19	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 13:19	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 13:19	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 13:19	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 13:19	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 13:19	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 13:19	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 13:19	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 13:19	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 13:19	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 13:19	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 13:19	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 13:19	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 13:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 13:19	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 13:19	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 13:19	1

Client Sample ID: EW4008_INF

Lab Sample ID: 660-70273-75

Date Collected: 11/03/15 16:18

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 13:19	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 13:19	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 13:19	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 13:19	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 13:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/16/15 13:19	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:19	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 13:19	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 13:19	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 13:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*11/16/15 13:19*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/16/15 13:19*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/16/15 13:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**12**		2.0	1.0	ug/L			11/16/15 15:47	1

Client Sample ID: EW4009_INF

Lab Sample ID: 660-70273-76

Date Collected: 11/03/15 09:35

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 12:11	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 12:11	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:11	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 12:11	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:11	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 12:11	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 12:11	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 12:11	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:11	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 12:11	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 12:11	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:11	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 12:11	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 12:11	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 12:11	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 12:11	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.65	ug/L			11/16/15 12:11	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 12:11	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 12:11	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 12:11	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 12:11	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 12:11	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 12:11	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW4009_INF
Date Collected: 11/03/15 09:35
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-76
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 12:11	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			11/16/15 12:11	1
1,1-Dichloroethane	**7.3**		1.0	0.52	ug/L			11/16/15 12:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 12:11	1
1,1-Dichloroethene	**3.4**		1.0	0.67	ug/L			11/16/15 12:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 12:11	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 12:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 12:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 12:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 12:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 12:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 12:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 12:11	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 12:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 12:11	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 12:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 12:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 12:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 12:11	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 12:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 12:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 12:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 12:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:11	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 12:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 12:11	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 12:11	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 12:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 12:11	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 12:11	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 12:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 12:11	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 12:11	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:11	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:11	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:11	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/16/15 12:11	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:11	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 12:11	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 12:11	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 12:11	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/16/15 12:11*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/16/15 12:11*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/16/15 12:11*	*1*

Client Sample ID: EW4009_INF

Lab Sample ID: 660-70273-76

Date Collected: 11/03/15 09:35

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**25**		2.0	1.0	ug/L			11/16/15 17:04	1

Client Sample ID: EW4010_INF

Lab Sample ID: 660-70273-77

Date Collected: 11/03/15 15:23

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 12:30	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 12:30	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:30	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 12:30	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:30	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 12:30	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 12:30	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 12:30	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:30	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 12:30	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 12:30	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:30	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 12:30	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 12:30	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 12:30	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 12:30	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/16/15 12:30	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 12:30	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 12:30	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 12:30	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 12:30	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 12:30	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 12:30	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 12:30	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			11/16/15 12:30	1
1,1-Dichloroethane	**1.7**		1.0	0.52	ug/L			11/16/15 12:30	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 12:30	1
1,1-Dichloroethene	**1.7**		1.0	0.67	ug/L			11/16/15 12:30	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 12:30	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 12:30	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 12:30	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 12:30	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 12:30	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 12:30	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 12:30	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 12:30	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 12:30	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 12:30	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 12:30	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 12:30	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 12:30	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 12:30	1

Client Sample ID: EW4010_INF

Date Collected: 11/03/15 15:23
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-77
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 12:30	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 12:30	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 12:30	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 12:30	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:30	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 12:30	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 12:30	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 12:30	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 12:30	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 12:30	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 12:30	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 12:30	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 12:30	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 12:30	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:30	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:30	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:30	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/16/15 12:30	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:30	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 12:30	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 12:30	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 12:30	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 12:30*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/16/15 12:30*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/16/15 12:30*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**26**		2.0	1.0	ug/L			11/16/15 17:22	1

Client Sample ID: EW4011_INF

Date Collected: 11/03/15 15:40
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-78
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 12:49	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 12:49	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:49	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 12:49	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:49	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 12:49	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 12:49	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 12:49	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:49	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 12:49	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 12:49	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW4011_INF
Date Collected: 11/03/15 15:40
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-78
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:49	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 12:49	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 12:49	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 12:49	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 12:49	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/16/15 12:49	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 12:49	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 12:49	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 12:49	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 12:49	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 12:49	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 12:49	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 12:49	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			11/16/15 12:49	1
1,1-Dichloroethane	**1.9**		1.0	0.52	ug/L			11/16/15 12:49	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 12:49	1
1,1-Dichloroethene	**1.9**		1.0	0.67	ug/L			11/16/15 12:49	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 12:49	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 12:49	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 12:49	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 12:49	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 12:49	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 12:49	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 12:49	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 12:49	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 12:49	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 12:49	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 12:49	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 12:49	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 12:49	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 12:49	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 12:49	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 12:49	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 12:49	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 12:49	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:49	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 12:49	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 12:49	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 12:49	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 12:49	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 12:49	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 12:49	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 12:49	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 12:49	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 12:49	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:49	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:49	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:49	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/16/15 12:49	1

Client Sample ID: EW4011_INF

Lab Sample ID: 660-70273-78

Date Collected: 11/03/15 15:40

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:49	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 12:49	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 12:49	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 12:49	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 12:49*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*11/16/15 12:49*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/16/15 12:49*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**30**		2.0	1.0	ug/L			11/16/15 17:41	1

Client Sample ID: EW5001_INF

Lab Sample ID: 660-70273-79

Date Collected: 11/04/15 13:54

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 13:08	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 13:08	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 13:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 13:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 13:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 13:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 13:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 13:08	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 13:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 13:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 13:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 13:08	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 13:08	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 13:08	1
cis-1,2-Dichloroethene	**4.0**		1.0	0.65	ug/L			11/16/15 13:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 13:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 13:08	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 13:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 13:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 13:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 13:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 13:08	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			11/16/15 13:08	1
1,1-Dichloroethane	**0.74**	**I**	1.0	0.52	ug/L			11/16/15 13:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 13:08	1
1,1-Dichloroethene	**1.7**		1.0	0.67	ug/L			11/16/15 13:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 13:08	1

Client Sample ID: EW5001_INF

Date Collected: 11/04/15 13:54
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-79

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 13:08	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 13:08	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 13:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 13:08	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 13:08	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 13:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 13:08	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 13:08	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 13:08	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 13:08	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 13:08	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 13:08	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 13:08	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 13:08	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 13:08	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 13:08	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 13:08	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 13:08	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 13:08	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 13:08	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 13:08	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 13:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 13:08	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 13:08	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 13:08	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 13:08	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 13:08	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 13:08	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 13:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 13:08	1
Trichloroethene	**6.8**		1.0	0.61	ug/L			11/16/15 13:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:08	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 13:08	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 13:08	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 13:08	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 13:08*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/16/15 13:08*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/16/15 13:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.2**		2.0	1.0	ug/L			11/16/15 15:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: TRIP BLANK
Date Collected: 11/04/15 00:00
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-80
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 12:24	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 12:24	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:24	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 12:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:24	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 12:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 12:24	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 12:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:24	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 12:24	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 12:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:24	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 12:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 12:24	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 12:24	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 12:24	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/16/15 12:24	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 12:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 12:24	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 12:24	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 12:24	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 12:24	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 12:24	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 12:24	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:24	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/16/15 12:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 12:24	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 12:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 12:24	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 12:24	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 12:24	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 12:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 12:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 12:24	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 12:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 12:24	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 12:24	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 12:24	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 12:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 12:24	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 12:24	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 12:24	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 12:24	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 12:24	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 12:24	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 12:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:24	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 12:24	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 12:24	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: TRIP BLANK
Date Collected: 11/04/15 00:00
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-80
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 12:24	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 12:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 12:24	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 12:24	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 12:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 12:24	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 12:24	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:24	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:24	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/16/15 12:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:24	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 12:24	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 12:24	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 12:24	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/16/15 12:24*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/16/15 12:24*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/16/15 12:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/17/15 13:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-163224/7
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/11/15 12:54	1
Benzene	0.50	U	1.0	0.50	ug/L			11/11/15 12:54	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 12:54	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/11/15 12:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/11/15 12:54	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/11/15 12:54	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/11/15 12:54	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/11/15 12:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/11/15 12:54	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/11/15 12:54	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/11/15 12:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/11/15 12:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/11/15 12:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/11/15 12:54	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/11/15 12:54	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/11/15 12:54	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/11/15 12:54	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/11/15 12:54	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/11/15 12:54	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/11/15 12:54	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/11/15 12:54	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/11/15 12:54	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/11/15 12:54	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/11/15 12:54	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 12:54	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/11/15 12:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/11/15 12:54	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 12:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/11/15 12:54	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/11/15 12:54	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/11/15 12:54	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/11/15 12:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/11/15 12:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/11/15 12:54	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/11/15 12:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/11/15 12:54	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/11/15 12:54	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/11/15 12:54	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/11/15 12:54	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/11/15 12:54	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/11/15 12:54	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/11/15 12:54	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/11/15 12:54	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/11/15 12:54	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/11/15 12:54	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/11/15 12:54	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/11/15 12:54	1
Styrene	0.98	U	2.0	0.98	ug/L			11/11/15 12:54	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163224/7
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/11/15 12:54	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/11/15 12:54	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/11/15 12:54	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/11/15 12:54	1
Toluene	0.51	U	1.0	0.51	ug/L			11/11/15 12:54	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 12:54	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/11/15 12:54	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/11/15 12:54	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/11/15 12:54	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 12:54	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/11/15 12:54	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/11/15 12:54	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/11/15 12:54	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/11/15 12:54	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/11/15 12:54	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/11/15 12:54	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/11/15 12:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/11/15 12:54*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/11/15 12:54*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/11/15 12:54*	*1*

Lab Sample ID: LCS 660-163224/4
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	101		ug/L		101	62 - 142
Benzene	10.0	11.1		ug/L		111	68 - 134
Bromobenzene	10.0	11.0		ug/L		110	70 - 130
Bromoform	10.0	11.1		ug/L		111	65 - 130
Bromomethane	10.0	10.7		ug/L		107	22 - 150
2-Butanone (MEK)	100	97.2		ug/L		97	63 - 140
Carbon disulfide	10.0	11.1		ug/L		111	30 - 150
Carbon tetrachloride	10.0	10.3		ug/L		103	61 - 134
Chlorobenzene	10.0	10.9		ug/L		109	70 - 130
Chlorobromomethane	10.0	11.0		ug/L		110	70 - 130
Chlorodibromomethane	10.0	10.8		ug/L		108	70 - 130
Chloroethane	10.0	11.7		ug/L		117	39 - 150
Chloroform	10.0	10.4		ug/L		104	68 - 130
Chloromethane	10.0	10.4		ug/L		104	35 - 150
2-Chlorotoluene	10.0	9.49		ug/L		95	70 - 130
4-Chlorotoluene	10.0	10.7		ug/L		107	70 - 130
cis-1,2-Dichloroethene	10.0	9.86		ug/L		99	66 - 130
cis-1,3-Dichloropropene	10.0	9.15		ug/L		92	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.37		ug/L		94	63 - 130
Dibromomethane	10.0	10.9		ug/L		109	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163224/4
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.8		ug/L		108	70 - 130
1,3-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
1,4-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130
Dichlorobromomethane	10.0	10.5		ug/L		105	70 - 130
Dichlorodifluoromethane	10.0	11.1		ug/L		111	16 - 149
1,1-Dichloroethane	10.0	10.1		ug/L		101	66 - 130
1,2-Dichloroethane	10.0	9.54		ug/L		95	70 - 130
1,1-Dichloroethene	10.0	9.17		ug/L		92	51 - 150
1,2-Dichloropropane	10.0	10.2		ug/L		102	70 - 130
1,3-Dichloropropane	10.0	10.5		ug/L		105	70 - 130
2,2-Dichloropropane	10.0	9.42		ug/L		94	66 - 134
1,1-Dichloropropene	10.0	9.66		ug/L		97	65 - 136
Ethylbenzene	10.0	10.8		ug/L		108	70 - 130
Ethylene Dibromide	10.0	10.7		ug/L		107	66 - 130
Hexachlorobutadiene	10.0	11.3		ug/L		113	62 - 143
2-Hexanone	100	82.1		ug/L		82	60 - 148
Isopropylbenzene	10.0	8.86		ug/L		89	62 - 130
4-Isopropyltoluene	10.0	8.73		ug/L		87	65 - 134
Methylene Chloride	10.0	10.8		ug/L		108	57 - 130
4-Methyl-2-pentanone (MIBK)	100	81.9		ug/L		82	64 - 137
Methyl tert-butyl ether	10.0	10.4		ug/L		104	67 - 130
Naphthalene	10.0	7.68		ug/L		77	50 - 136
n-Butylbenzene	10.0	8.85		ug/L		89	61 - 131
N-Propylbenzene	10.0	9.13		ug/L		91	67 - 130
o-Xylene	10.0	8.71		ug/L		87	69 - 130
sec-Butylbenzene	10.0	9.28		ug/L		93	68 - 133
Styrene	10.0	9.00		ug/L		90	68 - 131
tert-Butylbenzene	10.0	8.94		ug/L		89	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.7		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.9		ug/L		109	70 - 130
Tetrachloroethene	10.0	13.3		ug/L		133	50 - 143
Toluene	10.0	10.2		ug/L		102	70 - 131
trans-1,2-Dichloroethene	10.0	11.5		ug/L		115	62 - 139
trans-1,3-Dichloropropene	10.0	8.73		ug/L		87	67 - 130
1,2,3-Trichlorobenzene	10.0	10.7		ug/L		107	58 - 132
1,2,4-Trichlorobenzene	10.0	8.54		ug/L		85	66 - 130
1,1,1-Trichloroethane	10.0	10.4		ug/L		104	63 - 132
1,1,2-Trichloroethane	10.0	10.6		ug/L		106	70 - 130
Trichloroethene	10.0	11.5		ug/L		115	63 - 139
Trichlorofluoromethane	10.0	10.4		ug/L		104	62 - 146
1,2,3-Trichloropropane	10.0	9.87		ug/L		99	66 - 130
1,2,4-Trimethylbenzene	10.0	8.54		ug/L		85	70 - 132
1,3,5-Trimethylbenzene	10.0	8.73		ug/L		87	65 - 134
Vinyl chloride	10.0	12.7		ug/L		127	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163224/4
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 660-163224/5
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	88.8		ug/L		89	62 - 142	13	30
Benzene			10.0	10.6		ug/L		106	68 - 134	5	30
Bromobenzene			10.0	10.0		ug/L		100	70 - 130	9	30
Bromoform			10.0	10.3		ug/L		103	65 - 130	7	30
Bromomethane			10.0	10.6		ug/L		106	22 - 150	1	30
2-Butanone (MEK)			100	84.0		ug/L		84	63 - 140	15	30
Carbon disulfide			10.0	10.1		ug/L		101	30 - 150	10	30
Carbon tetrachloride			10.0	9.71		ug/L		97	61 - 134	6	30
Chlorobenzene			10.0	10.2		ug/L		102	70 - 130	7	30
Chlorobromomethane			10.0	10.0		ug/L		100	70 - 130	9	30
Chlorodibromomethane			10.0	10.6		ug/L		106	70 - 130	2	30
Chloroethane			10.0	11.0		ug/L		110	39 - 150	7	30
Chloroform			10.0	9.50		ug/L		95	68 - 130	9	30
Chloromethane			10.0	9.60		ug/L		96	35 - 150	8	30
2-Chlorotoluene			10.0	8.97		ug/L		90	70 - 130	6	30
4-Chlorotoluene			10.0	10.2		ug/L		102	70 - 130	5	30
cis-1,2-Dichloroethene			10.0	8.99		ug/L		90	66 - 130	9	30
cis-1,3-Dichloropropene			10.0	8.43		ug/L		84	70 - 130	8	30
1,2-Dibromo-3-Chloropropane			10.0	7.86		ug/L		79	63 - 130	18	30
Dibromomethane			10.0	10.7		ug/L		107	70 - 130	2	30
1,2-Dichlorobenzene			10.0	10.4		ug/L		104	70 - 130	4	30
1,3-Dichlorobenzene			10.0	10.5		ug/L		105	70 - 130	4	30
1,4-Dichlorobenzene			10.0	10.6		ug/L		106	70 - 130	0	30
Dichlorobromomethane			10.0	9.60		ug/L		96	70 - 130	9	30
Dichlorodifluoromethane			10.0	10.4		ug/L		104	16 - 149	7	30
1,1-Dichloroethane			10.0	9.58		ug/L		96	66 - 130	5	30
1,2-Dichloroethane			10.0	8.64		ug/L		86	70 - 130	10	30
1,1-Dichloroethene			10.0	8.38		ug/L		84	51 - 150	9	30
1,2-Dichloropropane			10.0	9.86		ug/L		99	70 - 130	4	30
1,3-Dichloropropane			10.0	10.1		ug/L		101	70 - 130	3	30
2,2-Dichloropropane			10.0	9.19		ug/L		92	66 - 134	2	30
1,1-Dichloropropene			10.0	9.17		ug/L		92	65 - 136	5	30
Ethylbenzene			10.0	10.4		ug/L		104	70 - 130	3	30
Ethylene Dibromide			10.0	10.2		ug/L		102	66 - 130	5	30
Hexachlorobutadiene			10.0	11.0		ug/L		110	62 - 143	2	30
2-Hexanone			100	71.5		ug/L		71	60 - 148	14	30
Isopropylbenzene			10.0	8.73		ug/L		87	62 - 130	1	30
4-Isopropyltoluene			10.0	8.06		ug/L		81	65 - 134	8	30
Methylene Chloride			10.0	10.2		ug/L		102	57 - 130	6	30
4-Methyl-2-pentanone (MIBK)			100	76.4		ug/L		76	64 - 137	7	30
Methyl tert-butyl ether			10.0	9.41		ug/L		94	67 - 130	10	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163224/5
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	7.45		ug/L		74	50 - 136	3	30
n-Butylbenzene			10.0	8.31		ug/L		83	61 - 131	6	30
N-Propylbenzene			10.0	8.52		ug/L		85	67 - 130	7	30
o-Xylene			10.0	7.99		ug/L		80	69 - 130	9	30
sec-Butylbenzene			10.0	8.75		ug/L		88	68 - 133	6	30
Styrene			10.0	8.64		ug/L		86	68 - 131	4	30
tert-Butylbenzene			10.0	8.37		ug/L		84	64 - 130	7	30
1,1,1,2-Tetrachloroethane			10.0	10.1		ug/L		101	70 - 130	6	30
1,1,2,2-Tetrachloroethane			10.0	9.85		ug/L		99	70 - 130	10	30
Tetrachloroethene			10.0	12.1		ug/L		121	50 - 143	9	30
Toluene			10.0	10.1		ug/L		101	70 - 131	1	30
trans-1,2-Dichloroethene			10.0	10.4		ug/L		104	62 - 139	10	30
trans-1,3-Dichloropropene			10.0	8.58		ug/L		86	67 - 130	2	30
1,2,3-Trichlorobenzene			10.0	9.81		ug/L		98	58 - 132	9	30
1,2,4-Trichlorobenzene			10.0	8.36		ug/L		84	66 - 130	2	30
1,1,1-Trichloroethane			10.0	9.84		ug/L		98	63 - 132	6	30
1,1,2-Trichloroethane			10.0	9.89		ug/L		99	70 - 130	7	30
Trichloroethene			10.0	11.2		ug/L		112	63 - 139	2	30
Trichlorofluoromethane			10.0	10.2		ug/L		102	62 - 146	2	30
1,2,3-Trichloropropane			10.0	8.85		ug/L		88	66 - 130	11	30
1,2,4-Trimethylbenzene			10.0	8.10		ug/L		81	70 - 132	5	30
1,3,5-Trimethylbenzene			10.0	8.26		ug/L		83	65 - 134	5	30
Vinyl chloride			10.0	11.8		ug/L		118	48 - 147	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-70293-C-1 MS
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	88.1		ug/L		88	62 - 142
Benzene	0.50	U	10.0	12.5		ug/L		125	68 - 134
Bromobenzene	0.58	U	10.0	11.4		ug/L		114	70 - 130
Bromoform	0.63	U	10.0	11.5		ug/L		115	65 - 130
Bromomethane	2.5	U	10.0	10.6		ug/L		106	22 - 150
2-Butanone (MEK)	8.4	U	100	86.7		ug/L		87	63 - 140
Carbon disulfide	1.0	U	10.0	11.7		ug/L		117	30 - 150
Carbon tetrachloride	0.43	U	10.0	12.2		ug/L		122	61 - 134
Chlorobenzene	0.63	U	10.0	12.0		ug/L		120	70 - 130
Chlorobromomethane	0.58	U	10.0	12.5		ug/L		125	70 - 130
Chlorodibromomethane	0.31	U	10.0	11.4		ug/L		114	70 - 130
Chloroethane	2.5	U	10.0	12.7		ug/L		127	39 - 150
Chloroform	0.90	U	10.0	11.3		ug/L		113	68 - 130
Chloromethane	1.0	U	10.0	10.4		ug/L		104	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70293-C-1 MS
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	10.3		ug/L		103	70 - 130
4-Chlorotoluene	0.52	U	10.0	11.9		ug/L		119	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	11.0		ug/L		110	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.75		ug/L		98	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.59		ug/L		86	63 - 130
Dibromomethane	0.46	U	10.0	11.8		ug/L		118	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.9		ug/L		119	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.9		ug/L		119	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.8		ug/L		118	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.6		ug/L		116	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	10.3		ug/L		103	16 - 149
1,1-Dichloroethane	0.52	U	10.0	11.6		ug/L		116	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.3		ug/L		103	70 - 130
1,1-Dichloroethene	0.67	U	10.0	10.3		ug/L		103	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.8		ug/L		108	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.1		ug/L		111	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.3		ug/L		113	66 - 134
1,1-Dichloropropene	0.65	U	10.0	10.7		ug/L		107	65 - 136
Ethylbenzene	0.44	U	10.0	11.8		ug/L		118	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.9		ug/L		119	66 - 130
Hexachlorobutadiene	0.34	U	10.0	13.4		ug/L		134	62 - 143
2-Hexanone	4.4	U	100	73.7		ug/L		74	60 - 148
Isopropylbenzene	0.52	U	10.0	9.84		ug/L		98	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.67		ug/L		97	65 - 134
Methylene Chloride	4.0	U	10.0	11.2		ug/L		112	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	77.3		ug/L		77	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.1		ug/L		101	67 - 130
Naphthalene	2.5	U	10.0	7.85		ug/L		78	50 - 136
n-Butylbenzene	0.67	U	10.0	9.47		ug/L		95	61 - 131
N-Propylbenzene	0.59	U	10.0	9.93		ug/L		99	67 - 130
o-Xylene	0.50	U	10.0	9.62		ug/L		96	69 - 130
sec-Butylbenzene	0.63	U	10.0	10.1		ug/L		101	68 - 133
Styrene	0.98	U	10.0	9.96		ug/L		100	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.87		ug/L		99	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.5		ug/L		115	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.7		ug/L		107	70 - 130
Tetrachloroethene	0.50	U	10.0	11.6		ug/L		116	50 - 143
Toluene	0.51	U	10.0	12.6		ug/L		126	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	12.6		ug/L		126	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.70		ug/L		97	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.8		ug/L		108	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.85		ug/L		88	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.4		ug/L		124	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	11.7		ug/L		117	70 - 130
Trichloroethene	0.61	U	10.0	12.6		ug/L		126	63 - 139
Trichlorofluoromethane	2.5	U	10.0	12.2		ug/L		122	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.1		ug/L		101	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.33		ug/L		93	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70293-C-1 MS
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	9.59		ug/L		96	65 - 134
Vinyl chloride	0.71	U	10.0	12.8		ug/L		128	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-70293-B-1 DU
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70293-B-1 DU
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 660-163250/7
Matrix: Water
Analysis Batch: 163250

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/12/15 09:51	1
Benzene	0.50	U	1.0	0.50	ug/L			11/12/15 09:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 09:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/12/15 09:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/12/15 09:51	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/12/15 09:51	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/12/15 09:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163250/7
Matrix: Water
Analysis Batch: 163250

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/12/15 09:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/12/15 09:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/12/15 09:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/12/15 09:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/12/15 09:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/12/15 09:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/12/15 09:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/12/15 09:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/12/15 09:51	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/12/15 09:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/12/15 09:51	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/12/15 09:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/12/15 09:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/12/15 09:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/12/15 09:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/12/15 09:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/12/15 09:51	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 09:51	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/12/15 09:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/12/15 09:51	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 09:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/12/15 09:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/12/15 09:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/12/15 09:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/12/15 09:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/12/15 09:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/12/15 09:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/12/15 09:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/12/15 09:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/12/15 09:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/12/15 09:51	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/12/15 09:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/12/15 09:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/12/15 09:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/12/15 09:51	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/12/15 09:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/12/15 09:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/12/15 09:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/12/15 09:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/12/15 09:51	1
Styrene	0.98	U	2.0	0.98	ug/L			11/12/15 09:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/12/15 09:51	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/12/15 09:51	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/12/15 09:51	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/12/15 09:51	1
Toluene	0.51	U	1.0	0.51	ug/L			11/12/15 09:51	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/12/15 09:51	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/12/15 09:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163250/7
Matrix: Water
Analysis Batch: 163250

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/12/15 09:51	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/12/15 09:51	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 09:51	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/12/15 09:51	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/12/15 09:51	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/12/15 09:51	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/12/15 09:51	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/12/15 09:51	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/12/15 09:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/12/15 09:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/12/15 09:51*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*11/12/15 09:51*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/12/15 09:51*	*1*

Lab Sample ID: LCS 660-163250/4
Matrix: Water
Analysis Batch: 163250

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	102		ug/L		102	62 - 142
Benzene	10.0	9.99		ug/L		100	68 - 134
Bromobenzene	10.0	9.53		ug/L		95	70 - 130
Bromoform	10.0	8.94		ug/L		89	65 - 130
Bromomethane	10.0	12.2		ug/L		122	22 - 150
2-Butanone (MEK)	100	92.5		ug/L		92	63 - 140
Carbon disulfide	10.0	10.3		ug/L		103	30 - 150
Carbon tetrachloride	10.0	11.0		ug/L		110	61 - 134
Chlorobenzene	10.0	9.86		ug/L		99	70 - 130
Chlorobromomethane	10.0	10.1		ug/L		101	70 - 130
Chlorodibromomethane	10.0	7.99		ug/L		80	70 - 130
Chloroethane	10.0	11.3		ug/L		113	39 - 150
Chloroform	10.0	10.1		ug/L		101	68 - 130
Chloromethane	10.0	10.8		ug/L		108	35 - 150
2-Chlorotoluene	10.0	10.5		ug/L		105	70 - 130
4-Chlorotoluene	10.0	10.4		ug/L		104	70 - 130
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	66 - 130
cis-1,3-Dichloropropene	10.0	8.59		ug/L		86	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.16		ug/L		82	63 - 130
Dibromomethane	10.0	10.1		ug/L		101	70 - 130
1,2-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
1,3-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
1,4-Dichlorobenzene	10.0	10.0		ug/L		100	70 - 130
Dichlorobromomethane	10.0	8.92		ug/L		89	70 - 130
Dichlorodifluoromethane	10.0	9.94		ug/L		99	16 - 149
1,1-Dichloroethane	10.0	10.7		ug/L		107	66 - 130
1,2-Dichloroethane	10.0	11.0		ug/L		110	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163250/4
Matrix: Water
Analysis Batch: 163250

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	9.92		ug/L		99	51 - 150
1,2-Dichloropropane	10.0	10.1		ug/L		101	70 - 130
1,3-Dichloropropane	10.0	9.55		ug/L		95	70 - 130
2,2-Dichloropropane	10.0	10.9		ug/L		109	66 - 134
1,1-Dichloropropene	10.0	10.5		ug/L		105	65 - 136
Ethylbenzene	10.0	10.1		ug/L		101	70 - 130
Ethylene Dibromide	10.0	8.17		ug/L		82	66 - 130
Hexachlorobutadiene	10.0	11.1		ug/L		111	62 - 143
2-Hexanone	100	94.7		ug/L		95	60 - 148
Isopropylbenzene	10.0	10.4		ug/L		104	62 - 130
4-Isopropyltoluene	10.0	10.5		ug/L		105	65 - 134
Methylene Chloride	10.0	9.74		ug/L		97	57 - 130
4-Methyl-2-pentanone (MIBK)	100	96.3		ug/L		96	64 - 137
Methyl tert-butyl ether	10.0	9.63		ug/L		96	67 - 130
Naphthalene	10.0	9.98		ug/L		100	50 - 136
n-Butylbenzene	10.0	10.1		ug/L		101	61 - 131
N-Propylbenzene	10.0	10.6		ug/L		106	67 - 130
o-Xylene	10.0	9.72		ug/L		97	69 - 130
sec-Butylbenzene	10.0	10.4		ug/L		104	68 - 133
Styrene	10.0	9.98		ug/L		100	68 - 131
tert-Butylbenzene	10.0	11.3		ug/L		113	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.44		ug/L		84	70 - 130
1,1,2,2-Tetrachloroethane	10.0	7.95		ug/L		79	70 - 130
Tetrachloroethene	10.0	10.1		ug/L		101	50 - 143
Toluene	10.0	10.1		ug/L		101	70 - 131
trans-1,2-Dichloroethene	10.0	10.7		ug/L		107	62 - 139
trans-1,3-Dichloropropene	10.0	8.03		ug/L		80	67 - 130
1,2,3-Trichlorobenzene	10.0	10.2		ug/L		102	58 - 132
1,2,4-Trichlorobenzene	10.0	10.0		ug/L		100	66 - 130
1,1,1-Trichloroethane	10.0	11.0		ug/L		110	63 - 132
1,1,2-Trichloroethane	10.0	9.84		ug/L		98	70 - 130
Trichloroethene	10.0	9.92		ug/L		99	63 - 139
Trichlorofluoromethane	10.0	11.6		ug/L		116	62 - 146
1,2,3-Trichloropropane	10.0	8.74		ug/L		87	66 - 130
1,2,4-Trimethylbenzene	10.0	10.2		ug/L		102	70 - 132
1,3,5-Trimethylbenzene	10.0	10.3		ug/L		103	65 - 134
Vinyl chloride	10.0	11.6		ug/L		116	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163250/5
Matrix: Water
Analysis Batch: 163250

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	112		ug/L		112	62 - 142	9	30
Benzene	10.0	9.51		ug/L		95	68 - 134	5	30
Bromobenzene	10.0	10.2		ug/L		102	70 - 130	6	30
Bromoform	10.0	9.31		ug/L		93	65 - 130	4	30
Bromomethane	10.0	10.4		ug/L		104	22 - 150	16	30
2-Butanone (MEK)	100	98.1		ug/L		98	63 - 140	6	30
Carbon disulfide	10.0	9.08		ug/L		91	30 - 150	13	30
Carbon tetrachloride	10.0	10.1		ug/L		101	61 - 134	9	30
Chlorobenzene	10.0	9.64		ug/L		96	70 - 130	2	30
Chlorobromomethane	10.0	10.4		ug/L		104	70 - 130	2	30
Chlorodibromomethane	10.0	7.67		ug/L		77	70 - 130	4	30
Chloroethane	10.0	12.5		ug/L		125	39 - 150	10	30
Chloroform	10.0	9.64		ug/L		96	68 - 130	5	30
Chloromethane	10.0	9.91		ug/L		99	35 - 150	8	30
2-Chlorotoluene	10.0	10.0		ug/L		100	70 - 130	4	30
4-Chlorotoluene	10.0	10.2		ug/L		102	70 - 130	2	30
cis-1,2-Dichloroethene	10.0	10.6		ug/L		106	66 - 130	2	30
cis-1,3-Dichloropropene	10.0	8.73		ug/L		87	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	10.0	8.48		ug/L		85	63 - 130	4	30
Dibromomethane	10.0	10.1		ug/L		101	70 - 130	0	30
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130	1	30
1,3-Dichlorobenzene	10.0	9.74		ug/L		97	70 - 130	5	30
1,4-Dichlorobenzene	10.0	9.88		ug/L		99	70 - 130	1	30
Dichlorobromomethane	10.0	8.89		ug/L		89	70 - 130	0	30
Dichlorodifluoromethane	10.0	8.23		ug/L		82	16 - 149	19	30
1,1-Dichloroethane	10.0	10.3		ug/L		103	66 - 130	5	30
1,2-Dichloroethane	10.0	11.0		ug/L		110	70 - 130	1	30
1,1-Dichloroethene	10.0	8.90		ug/L		89	51 - 150	11	30
1,2-Dichloropropane	10.0	9.84		ug/L		98	70 - 130	2	30
1,3-Dichloropropane	10.0	9.66		ug/L		97	70 - 130	1	30
2,2-Dichloropropane	10.0	10.4		ug/L		104	66 - 134	5	30
1,1-Dichloropropene	10.0	9.55		ug/L		95	65 - 136	9	30
Ethylbenzene	10.0	9.74		ug/L		97	70 - 130	3	30
Ethylene Dibromide	10.0	8.03		ug/L		80	66 - 130	2	30
Hexachlorobutadiene	10.0	10.3		ug/L		103	62 - 143	8	30
2-Hexanone	100	102		ug/L		102	60 - 148	8	30
Isopropylbenzene	10.0	9.64		ug/L		96	62 - 130	8	30
4-Isopropyltoluene	10.0	9.78		ug/L		98	65 - 134	7	30
Methylene Chloride	10.0	9.22		ug/L		92	57 - 130	5	30
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	64 - 137	9	30
Methyl tert-butyl ether	10.0	10.0		ug/L		100	67 - 130	4	30
Naphthalene	10.0	10.1		ug/L		101	50 - 136	1	30
n-Butylbenzene	10.0	9.41		ug/L		94	61 - 131	8	30
N-Propylbenzene	10.0	9.80		ug/L		98	67 - 130	8	30
o-Xylene	10.0	9.44		ug/L		94	69 - 130	3	30
sec-Butylbenzene	10.0	9.63		ug/L		96	68 - 133	8	30
Styrene	10.0	9.69		ug/L		97	68 - 131	3	30
tert-Butylbenzene	10.0	10.3		ug/L		103	64 - 130	9	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163250/5
Matrix: Water
Analysis Batch: 163250

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			10.0	8.36		ug/L		84	70 - 130	1	30
1,1,2,2-Tetrachloroethane			10.0	8.42		ug/L		84	70 - 130	6	30
Tetrachloroethene			10.0	8.91		ug/L		89	50 - 143	13	30
Toluene			10.0	9.36		ug/L		94	70 - 131	7	30
trans-1,2-Dichloroethene			10.0	9.65		ug/L		97	62 - 139	10	30
trans-1,3-Dichloropropene			10.0	8.41		ug/L		84	67 - 130	5	30
1,2,3-Trichlorobenzene			10.0	10.4		ug/L		104	58 - 132	1	30
1,2,4-Trichlorobenzene			10.0	10.1		ug/L		101	66 - 130	1	30
1,1,1-Trichloroethane			10.0	10.1		ug/L		101	63 - 132	9	30
1,1,2-Trichloroethane			10.0	9.99		ug/L		100	70 - 130	2	30
Trichloroethene			10.0	9.49		ug/L		95	63 - 139	4	30
Trichlorofluoromethane			10.0	10.4		ug/L		104	62 - 146	11	30
1,2,3-Trichloropropane			10.0	8.82		ug/L		88	66 - 130	1	30
1,2,4-Trimethylbenzene			10.0	9.70		ug/L		97	70 - 132	5	30
1,3,5-Trimethylbenzene			10.0	9.76		ug/L		98	65 - 134	6	30
Vinyl chloride			10.0	9.81		ug/L		98	48 - 147	17	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-70273-10 MS
Matrix: Water
Analysis Batch: 163250

Client Sample ID: EW2010_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	92.6		ug/L		93	62 - 142
Benzene	0.50	U	10.0	9.67		ug/L		97	68 - 134
Bromobenzene	0.58	U	10.0	9.53		ug/L		95	70 - 130
Bromoform	0.63	U	10.0	8.87		ug/L		89	65 - 130
Bromomethane	2.5	U	10.0	7.96		ug/L		80	22 - 150
2-Butanone (MEK)	8.4	U	100	99.6		ug/L		100	63 - 140
Carbon disulfide	1.0	U	10.0	9.36		ug/L		94	30 - 150
Carbon tetrachloride	0.43	U	10.0	10.1		ug/L		101	61 - 134
Chlorobenzene	0.63	U	10.0	9.69		ug/L		97	70 - 130
Chlorobromomethane	0.58	U	10.0	10.9		ug/L		109	70 - 130
Chlorodibromomethane	0.31	U	10.0	7.96		ug/L		80	70 - 130
Chloroethane	2.5	U	10.0	12.2		ug/L		122	39 - 150
Chloroform	0.90	U	10.0	9.82		ug/L		98	68 - 130
Chloromethane	1.0	U	10.0	8.35		ug/L		83	35 - 150
2-Chlorotoluene	0.65	U	10.0	9.78		ug/L		98	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.89		ug/L		99	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.3		ug/L		103	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	8.45		ug/L		84	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.18		ug/L		82	63 - 130
Dibromomethane	0.46	U	10.0	10.5		ug/L		105	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.97		ug/L		100	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-10 MS
Matrix: Water
Analysis Batch: 163250

Client Sample ID: EW2010_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.64	U	10.0	9.43		ug/L		94	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.64		ug/L		96	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.87		ug/L		89	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	7.29		ug/L		73	16 - 149
1,1-Dichloroethane	0.52	U	10.0	10.2		ug/L		102	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.7		ug/L		107	70 - 130
1,1-Dichloroethene	0.67	U	10.0	9.02		ug/L		90	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.3		ug/L		103	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.3		ug/L		103	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.2		ug/L		102	66 - 134
1,1-Dichloropropene	0.65	U	10.0	10.0		ug/L		100	65 - 136
Ethylbenzene	0.44	U	10.0	9.50		ug/L		95	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.53		ug/L		85	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.34		ug/L		93	62 - 143
2-Hexanone	4.4	U	100	107		ug/L		107	60 - 148
Isopropylbenzene	0.52	U	10.0	9.44		ug/L		94	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.41		ug/L		94	65 - 134
Methylene Chloride	4.0	U	10.0	9.34		ug/L		93	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	109		ug/L		109	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.5		ug/L		105	67 - 130
Naphthalene	2.5	U	10.0	9.57		ug/L		96	50 - 136
n-Butylbenzene	0.67	U	10.0	9.00		ug/L		90	61 - 131
N-Propylbenzene	0.59	U	10.0	9.47		ug/L		95	67 - 130
o-Xylene	0.50	U	10.0	9.10		ug/L		91	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.54		ug/L		95	68 - 133
Styrene	0.98	U	10.0	9.81		ug/L		98	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.0		ug/L		100	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.66		ug/L		87	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.71		ug/L		87	70 - 130
Tetrachloroethene	0.50	U	10.0	9.04		ug/L		90	50 - 143
Toluene	0.51	U	10.0	9.49		ug/L		95	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.65		ug/L		96	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	8.32		ug/L		83	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.32		ug/L		93	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.62		ug/L		96	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.1		ug/L		101	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.98		ug/L		100	70 - 130
Trichloroethene	0.61	U	10.0	9.68		ug/L		97	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.73		ug/L		97	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	8.88		ug/L		89	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.50		ug/L		95	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	9.57		ug/L		96	65 - 134
Vinyl chloride	0.71	U	10.0	7.86		ug/L		79	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-70273-9 DU
Matrix: Water
Analysis Batch: 163250

Client Sample ID: EW2009_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Isopropylbenzene	0.52	U	0.52	U	ug/L		NC	30
4-Isopropyltoluene	0.69	U	0.69	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30
Methyl tert-butyl ether	0.44	U	0.44	U	ug/L		NC	30
m-Xylene & p-Xylene	0.60	U	0.60	U	ug/L		NC	30
Naphthalene	2.5	U	2.5	U	ug/L		NC	30
n-Butylbenzene	0.67	U	0.67	U	ug/L		NC	30
N-Propylbenzene	0.59	U	0.59	U	ug/L		NC	30
o-Xylene	0.50	U	0.50	U	ug/L		NC	30
sec-Butylbenzene	0.63	U	0.63	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
tert-Butylbenzene	0.84	U	0.84	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-9 DU
Matrix: Water
Analysis Batch: 163250

Client Sample ID: EW2009_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 660-163303/7
Matrix: Water
Analysis Batch: 163303

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 10:19	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 10:19	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 10:19	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 10:19	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:19	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 10:19	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 10:19	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 10:19	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 10:19	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 10:19	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 10:19	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:19	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 10:19	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 10:19	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 10:19	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 10:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/13/15 10:19	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 10:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 10:19	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 10:19	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 10:19	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 10:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163303/7
Matrix: Water
Analysis Batch: 163303

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 10:19	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 10:19	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:19	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/13/15 10:19	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 10:19	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 10:19	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 10:19	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 10:19	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 10:19	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 10:19	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 10:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 10:19	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 10:19	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 10:19	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 10:19	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 10:19	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 10:19	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 10:19	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 10:19	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 10:19	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 10:19	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 10:19	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 10:19	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 10:19	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 10:19	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 10:19	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 10:19	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 10:19	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 10:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/13/15 10:19	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 10:19	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 10:19	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 10:19	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 10:19	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 10:19	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 10:19	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 10:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/13/15 10:19	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:19	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 10:19	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 10:19	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 10:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 10:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/13/15 10:19*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*11/13/15 10:19*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/13/15 10:19*	*1*

Lab Sample ID: LCS 660-163303/4
Matrix: Water
Analysis Batch: 163303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	112		ug/L		112	62 - 142
Benzene	10.0	10.5		ug/L		105	68 - 134
Bromobenzene	10.0	10.6		ug/L		106	70 - 130
Bromoform	10.0	9.14		ug/L		91	65 - 130
Bromomethane	10.0	11.4		ug/L		114	22 - 150
2-Butanone (MEK)	100	99.2		ug/L		99	63 - 140
Carbon disulfide	10.0	10.7		ug/L		107	30 - 150
Carbon tetrachloride	10.0	11.6		ug/L		116	61 - 134
Chlorobenzene	10.0	10.5		ug/L		105	70 - 130
Chlorobromomethane	10.0	11.3		ug/L		113	70 - 130
Chlorodibromomethane	10.0	8.66		ug/L		87	70 - 130
Chloroethane	10.0	9.05		ug/L		90	39 - 150
Chloroform	10.0	11.1		ug/L		111	68 - 130
Chloromethane	10.0	10.5		ug/L		105	35 - 150
2-Chlorotoluene	10.0	11.1		ug/L		111	70 - 130
4-Chlorotoluene	10.0	11.5		ug/L		115	70 - 130
cis-1,2-Dichloroethene	10.0	11.4		ug/L		114	66 - 130
cis-1,3-Dichloropropene	10.0	9.55		ug/L		95	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.71		ug/L		87	63 - 130
Dibromomethane	10.0	11.0		ug/L		110	70 - 130
1,2-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
1,3-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,4-Dichlorobenzene	10.0	10.7		ug/L		107	70 - 130
Dichlorobromomethane	10.0	9.73		ug/L		97	70 - 130
Dichlorodifluoromethane	10.0	8.07		ug/L		81	16 - 149
1,1-Dichloroethane	10.0	11.6		ug/L		116	66 - 130
1,2-Dichloroethane	10.0	11.8		ug/L		118	70 - 130
1,1-Dichloroethene	10.0	10.4		ug/L		104	51 - 150
1,2-Dichloropropane	10.0	10.7		ug/L		107	70 - 130
1,3-Dichloropropane	10.0	10.8		ug/L		108	70 - 130
2,2-Dichloropropane	10.0	11.4		ug/L		114	66 - 134
1,1-Dichloropropene	10.0	10.9		ug/L		109	65 - 136
Ethylbenzene	10.0	10.4		ug/L		104	70 - 130
Ethylene Dibromide	10.0	8.98		ug/L		90	66 - 130
Hexachlorobutadiene	10.0	11.1		ug/L		111	62 - 143
2-Hexanone	100	99.8		ug/L		100	60 - 148
Isopropylbenzene	10.0	10.7		ug/L		107	62 - 130
4-Isopropyltoluene	10.0	10.6		ug/L		106	65 - 134
Methylene Chloride	10.0	10.7		ug/L		107	57 - 130
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	64 - 137
Methyl tert-butyl ether	10.0	10.7		ug/L		107	67 - 130
Naphthalene	10.0	10.5		ug/L		105	50 - 136
n-Butylbenzene	10.0	10.4		ug/L		104	61 - 131
N-Propylbenzene	10.0	10.9		ug/L		109	67 - 130
o-Xylene	10.0	10.2		ug/L		102	69 - 130
sec-Butylbenzene	10.0	10.5		ug/L		105	68 - 133
Styrene	10.0	10.8		ug/L		108	68 - 131
tert-Butylbenzene	10.0	11.2		ug/L		112	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.24		ug/L		92	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.85		ug/L		88	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163303/4
Matrix: Water
Analysis Batch: 163303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	10.0	10.3		ug/L		103	50 - 143
Toluene	10.0	10.7		ug/L		107	70 - 131
trans-1,2-Dichloroethene	10.0	11.1		ug/L		111	62 - 139
trans-1,3-Dichloropropene	10.0	8.69		ug/L		87	67 - 130
1,2,3-Trichlorobenzene	10.0	11.1		ug/L		111	58 - 132
1,2,4-Trichlorobenzene	10.0	11.1		ug/L		111	66 - 130
1,1,1-Trichloroethane	10.0	11.3		ug/L		113	63 - 132
1,1,2-Trichloroethane	10.0	10.8		ug/L		108	70 - 130
Trichloroethene	10.0	10.5		ug/L		105	63 - 139
Trichlorofluoromethane	10.0	11.0		ug/L		110	62 - 146
1,2,3-Trichloropropane	10.0	9.73		ug/L		97	66 - 130
1,2,4-Trimethylbenzene	10.0	10.6		ug/L		106	70 - 132
1,3,5-Trimethylbenzene	10.0	10.8		ug/L		108	65 - 134
Vinyl chloride	10.0	11.0		ug/L		110	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 660-163303/5
Matrix: Water
Analysis Batch: 163303

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	120		ug/L		120	62 - 142	7	30
Benzene	10.0	10.5		ug/L		105	68 - 134	0	30
Bromobenzene	10.0	9.98		ug/L		100	70 - 130	6	30
Bromoform	10.0	9.14		ug/L		91	65 - 130	0	30
Bromomethane	10.0	10.7		ug/L		107	22 - 150	6	30
2-Butanone (MEK)	100	101		ug/L		101	63 - 140	1	30
Carbon disulfide	10.0	10.2		ug/L		102	30 - 150	5	30
Carbon tetrachloride	10.0	10.9		ug/L		109	61 - 134	6	30
Chlorobenzene	10.0	10.2		ug/L		102	70 - 130	2	30
Chlorobromomethane	10.0	11.7		ug/L		117	70 - 130	4	30
Chlorodibromomethane	10.0	8.07		ug/L		81	70 - 130	7	30
Chloroethane	10.0	9.13		ug/L		91	39 - 150	1	30
Chloroform	10.0	10.7		ug/L		107	68 - 130	3	30
Chloromethane	10.0	9.84		ug/L		98	35 - 150	7	30
2-Chlorotoluene	10.0	10.8		ug/L		108	70 - 130	3	30
4-Chlorotoluene	10.0	10.9		ug/L		109	70 - 130	6	30
cis-1,2-Dichloroethene	10.0	11.1		ug/L		111	66 - 130	2	30
cis-1,3-Dichloropropene	10.0	9.16		ug/L		92	70 - 130	4	30
1,2-Dibromo-3-Chloropropane	10.0	8.21		ug/L		82	63 - 130	6	30
Dibromomethane	10.0	10.9		ug/L		109	70 - 130	0	30
1,2-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130	3	30
1,3-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130	5	30
1,4-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163303/5
Matrix: Water
Analysis Batch: 163303

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane			10.0	9.43		ug/L		94	70 - 130	3	30
Dichlorodifluoromethane			10.0	8.09		ug/L		81	16 - 149	0	30
1,1-Dichloroethane			10.0	11.3		ug/L		113	66 - 130	3	30
1,2-Dichloroethane			10.0	11.6		ug/L		116	70 - 130	2	30
1,1-Dichloroethene			10.0	10.1		ug/L		101	51 - 150	3	30
1,2-Dichloropropane			10.0	10.9		ug/L		109	70 - 130	2	30
1,3-Dichloropropane			10.0	10.4		ug/L		104	70 - 130	3	30
2,2-Dichloropropane			10.0	11.6		ug/L		116	66 - 134	2	30
1,1-Dichloropropene			10.0	11.3		ug/L		113	65 - 136	3	30
Ethylbenzene			10.0	10.3		ug/L		103	70 - 130	2	30
Ethylene Dibromide			10.0	8.63		ug/L		86	66 - 130	4	30
Hexachlorobutadiene			10.0	10.8		ug/L		108	62 - 143	3	30
2-Hexanone			100	103		ug/L		103	60 - 148	3	30
Isopropylbenzene			10.0	10.3		ug/L		103	62 - 130	4	30
4-Isopropyltoluene			10.0	10.3		ug/L		103	65 - 134	3	30
Methylene Chloride			10.0	9.94		ug/L		99	57 - 130	7	30
4-Methyl-2-pentanone (MIBK)			100	102		ug/L		102	64 - 137	1	30
Methyl tert-butyl ether			10.0	10.5		ug/L		105	67 - 130	2	30
Naphthalene			10.0	10.3		ug/L		103	50 - 136	1	30
n-Butylbenzene			10.0	10.4		ug/L		104	61 - 131	0	30
N-Propylbenzene			10.0	10.6		ug/L		106	67 - 130	2	30
o-Xylene			10.0	9.98		ug/L		100	69 - 130	2	30
sec-Butylbenzene			10.0	10.5		ug/L		105	68 - 133	0	30
Styrene			10.0	10.6		ug/L		106	68 - 131	2	30
tert-Butylbenzene			10.0	11.0		ug/L		110	64 - 130	2	30
1,1,1,2-Tetrachloroethane			10.0	8.83		ug/L		88	70 - 130	4	30
1,1,2,2-Tetrachloroethane			10.0	8.58		ug/L		86	70 - 130	3	30
Tetrachloroethene			10.0	10.5		ug/L		105	50 - 143	1	30
Toluene			10.0	10.4		ug/L		104	70 - 131	2	30
trans-1,2-Dichloroethene			10.0	10.8		ug/L		108	62 - 139	3	30
trans-1,3-Dichloropropene			10.0	8.68		ug/L		87	67 - 130	0	30
1,2,3-Trichlorobenzene			10.0	10.8		ug/L		108	58 - 132	3	30
1,2,4-Trichlorobenzene			10.0	10.6		ug/L		106	66 - 130	5	30
1,1,1-Trichloroethane			10.0	11.4		ug/L		114	63 - 132	1	30
1,1,2-Trichloroethane			10.0	10.3		ug/L		103	70 - 130	4	30
Trichloroethene			10.0	10.5		ug/L		105	63 - 139	0	30
Trichlorofluoromethane			10.0	11.2		ug/L		112	62 - 146	2	30
1,2,3-Trichloropropane			10.0	9.22		ug/L		92	66 - 130	5	30
1,2,4-Trimethylbenzene			10.0	10.1		ug/L		101	70 - 132	4	30
1,3,5-Trimethylbenzene			10.0	10.6		ug/L		106	65 - 134	1	30
Vinyl chloride			10.0	10.3		ug/L		103	48 - 147	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-31 MS
Matrix: Water
Analysis Batch: 163303

Client Sample ID: EW2031_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	89.9		ug/L		90	62 - 142
Benzene	0.50	U	10.0	8.69		ug/L		87	68 - 134
Bromobenzene	0.58	U	10.0	8.76		ug/L		88	70 - 130
Bromoform	0.63	U	10.0	8.31		ug/L		83	65 - 130
Bromomethane	2.5	U	10.0	7.34		ug/L		73	22 - 150
2-Butanone (MEK)	8.4	U	100	95.0		ug/L		95	63 - 140
Carbon disulfide	1.0	U	10.0	8.08		ug/L		81	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.11		ug/L		91	61 - 134
Chlorobenzene	0.63	U	10.0	8.74		ug/L		87	70 - 130
Chlorobromomethane	0.58	U	10.0	9.84		ug/L		98	70 - 130
Chlorodibromomethane	0.31	U	10.0	7.21		ug/L		72	70 - 130
Chloroethane	2.5	U	10.0	10.5		ug/L		105	39 - 150
Chloroform	0.90	U	10.0	8.71		ug/L		87	68 - 130
Chloromethane	1.0	U	10.0	7.64		ug/L		76	35 - 150
2-Chlorotoluene	0.65	U	10.0	9.24		ug/L		92	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.30		ug/L		93	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.40		ug/L		94	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.65		ug/L		76	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.57		ug/L		76	63 - 130
Dibromomethane	0.46	U	10.0	9.54		ug/L		95	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.40		ug/L		94	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	8.72		ug/L		87	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	8.92		ug/L		89	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.11		ug/L		81	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	6.82		ug/L		68	16 - 149
1,1-Dichloroethane	0.52	U	10.0	9.50		ug/L		95	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.3		ug/L		103	70 - 130
1,1-Dichloroethene	0.67	U	10.0	8.17		ug/L		82	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.09		ug/L		91	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.26		ug/L		93	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.18		ug/L		92	66 - 134
1,1-Dichloropropene	0.65	U	10.0	8.81		ug/L		88	65 - 136
Ethylbenzene	0.44	U	10.0	8.29		ug/L		83	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.08		ug/L		81	66 - 130
Hexachlorobutadiene	0.34	U	10.0	8.56		ug/L		86	62 - 143
2-Hexanone	4.4	U	100	101		ug/L		101	60 - 148
Isopropylbenzene	0.52	U	10.0	8.81		ug/L		88	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.73		ug/L		87	65 - 134
Methylene Chloride	4.0	U	10.0	8.48		ug/L		85	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	102		ug/L		102	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.46		ug/L		95	67 - 130
Naphthalene	2.5	U	10.0	9.50		ug/L		95	50 - 136
n-Butylbenzene	0.67	U	10.0	9.08		ug/L		91	61 - 131
N-Propylbenzene	0.59	U	10.0	8.78		ug/L		88	67 - 130
o-Xylene	0.50	U	10.0	8.33		ug/L		83	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.03		ug/L		90	68 - 133
Styrene	0.98	U	10.0	8.93		ug/L		89	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.16		ug/L		92	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-31 MS
Matrix: Water
Analysis Batch: 163303

Client Sample ID: EW2031_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.63	U	10.0	7.35		ug/L		73	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.28		ug/L		83	70 - 130
Tetrachloroethene	1.2		10.0	9.34		ug/L		82	50 - 143
Toluene	0.51	U	10.0	8.63		ug/L		86	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.62		ug/L		86	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.48		ug/L		75	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.55		ug/L		85	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.65		ug/L		87	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.61		ug/L		96	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.44		ug/L		94	70 - 130
Trichloroethene	2.1		10.0	10.7		ug/L		86	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.10		ug/L		91	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.07		ug/L		91	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.40		ug/L		94	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	8.84		ug/L		88	65 - 134
Vinyl chloride	0.71	U	10.0	7.46		ug/L		75	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-70273-30 DU
Matrix: Water
Analysis Batch: 163303

Client Sample ID: EW2030_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-30 DU
Matrix: Water
Analysis Batch: 163303

Client Sample ID: EW2030_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	0.52	U		0.52	U	ug/L				NC	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	1.7			1.60		ug/L				5	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	1.2			1.24		ug/L				3	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-30 DU
Matrix: Water
Analysis Batch: 163303

Client Sample ID: EW2030_INF
Prep Type: Total/NA

Surrogate	DU %Recovery	DU Qualifier	Limits
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: MB 660-163306/7
Matrix: Water
Analysis Batch: 163306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/13/15 10:17	1
Benzene	0.50	U	1.0	0.50	ug/L			11/13/15 10:17	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 10:17	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/13/15 10:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:17	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/13/15 10:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/13/15 10:17	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/13/15 10:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/13/15 10:17	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/13/15 10:17	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/13/15 10:17	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:17	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/13/15 10:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/13/15 10:17	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/13/15 10:17	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/13/15 10:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/13/15 10:17	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/13/15 10:17	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/13/15 10:17	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/13/15 10:17	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/13/15 10:17	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/13/15 10:17	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/13/15 10:17	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/13/15 10:17	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:17	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/13/15 10:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/13/15 10:17	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 10:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/13/15 10:17	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/13/15 10:17	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/13/15 10:17	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/13/15 10:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/13/15 10:17	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/13/15 10:17	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/13/15 10:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/13/15 10:17	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/13/15 10:17	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/13/15 10:17	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/13/15 10:17	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/13/15 10:17	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/13/15 10:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163306/7
Matrix: Water
Analysis Batch: 163306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/13/15 10:17	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/13/15 10:17	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/13/15 10:17	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/13/15 10:17	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/13/15 10:17	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/13/15 10:17	1
Styrene	0.98	U	2.0	0.98	ug/L			11/13/15 10:17	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/13/15 10:17	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/13/15 10:17	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/13/15 10:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/13/15 10:17	1
Toluene	0.51	U	1.0	0.51	ug/L			11/13/15 10:17	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/13/15 10:17	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/13/15 10:17	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/13/15 10:17	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/13/15 10:17	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 10:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/13/15 10:17	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/13/15 10:17	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/13/15 10:17	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/13/15 10:17	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/13/15 10:17	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/13/15 10:17	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/13/15 10:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*11/13/15 10:17*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/13/15 10:17*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/13/15 10:17*	*1*

Lab Sample ID: LCS 660-163306/4
Matrix: Water
Analysis Batch: 163306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	92.4		ug/L		92	62 - 142
Benzene	10.0	10.4		ug/L		104	68 - 134
Bromobenzene	10.0	10.7		ug/L		107	70 - 130
Bromoform	10.0	10.4		ug/L		104	65 - 130
Bromomethane	10.0	14.4		ug/L		144	22 - 150
2-Butanone (MEK)	100	79.5		ug/L		80	63 - 140
Carbon disulfide	10.0	9.43		ug/L		94	30 - 150
Carbon tetrachloride	10.0	8.90		ug/L		89	61 - 134
Chlorobenzene	10.0	10.3		ug/L		103	70 - 130
Chlorobromomethane	10.0	10.3		ug/L		103	70 - 130
Chlorodibromomethane	10.0	9.62		ug/L		96	70 - 130
Chloroethane	10.0	9.76		ug/L		98	39 - 150
Chloroform	10.0	10.1		ug/L		101	68 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163306/4
Matrix: Water
Analysis Batch: 163306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	10.9		ug/L		109	35 - 150
2-Chlorotoluene	10.0	10.5		ug/L		105	70 - 130
4-Chlorotoluene	10.0	10.5		ug/L		105	70 - 130
cis-1,2-Dichloroethene	10.0	10.5		ug/L		105	66 - 130
cis-1,3-Dichloropropene	10.0	10.4		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.8		ug/L		108	63 - 130
Dibromomethane	10.0	10.5		ug/L		105	70 - 130
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
1,3-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
Dichlorobromomethane	10.0	10.3		ug/L		103	70 - 130
Dichlorodifluoromethane	10.0	7.98		ug/L		80	16 - 149
1,1-Dichloroethane	10.0	10.4		ug/L		104	66 - 130
1,2-Dichloroethane	10.0	10.4		ug/L		104	70 - 130
1,1-Dichloroethene	10.0	8.54		ug/L		85	51 - 150
1,2-Dichloropropane	10.0	10.6		ug/L		106	70 - 130
1,3-Dichloropropane	10.0	9.99		ug/L		100	70 - 130
2,2-Dichloropropane	10.0	9.33		ug/L		93	66 - 134
1,1-Dichloropropene	10.0	9.73		ug/L		97	65 - 136
Ethylbenzene	10.0	9.83		ug/L		98	70 - 130
Ethylene Dibromide	10.0	9.60		ug/L		96	66 - 130
Hexachlorobutadiene	10.0	9.54		ug/L		95	62 - 143
2-Hexanone	100	79.6		ug/L		80	60 - 148
Isopropylbenzene	10.0	8.43		ug/L		84	62 - 130
4-Isopropyltoluene	10.0	7.89		ug/L		79	65 - 134
Methylene Chloride	10.0	10.3		ug/L		103	57 - 130
4-Methyl-2-pentanone (MIBK)	100	78.1		ug/L		78	64 - 137
Methyl tert-butyl ether	10.0	10.2		ug/L		102	67 - 130
Naphthalene	10.0	7.67		ug/L		77	50 - 136
n-Butylbenzene	10.0	7.77		ug/L		78	61 - 131
N-Propylbenzene	10.0	9.84		ug/L		98	67 - 130
o-Xylene	10.0	8.66		ug/L		87	69 - 130
sec-Butylbenzene	10.0	8.15		ug/L		82	68 - 133
Styrene	10.0	8.96		ug/L		90	68 - 131
tert-Butylbenzene	10.0	8.35		ug/L		83	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.57		ug/L		96	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.5		ug/L		105	70 - 130
Tetrachloroethene	10.0	9.29		ug/L		93	50 - 143
Toluene	10.0	10.3		ug/L		103	70 - 131
trans-1,2-Dichloroethene	10.0	9.96		ug/L		100	62 - 139
trans-1,3-Dichloropropene	10.0	10.4		ug/L		104	67 - 130
1,2,3-Trichlorobenzene	10.0	9.06		ug/L		91	58 - 132
1,2,4-Trichlorobenzene	10.0	10.5		ug/L		105	66 - 130
1,1,1-Trichloroethane	10.0	9.67		ug/L		97	63 - 132
1,1,2-Trichloroethane	10.0	9.60		ug/L		96	70 - 130
Trichloroethene	10.0	9.68		ug/L		97	63 - 139
Trichlorofluoromethane	10.0	8.06		ug/L		81	62 - 146
1,2,3-Trichloropropane	10.0	10.6		ug/L		106	66 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163306/4
Matrix: Water
Analysis Batch: 163306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2,4-Trimethylbenzene			10.0	8.28		ug/L		83	70 - 132		
1,3,5-Trimethylbenzene			10.0	8.54		ug/L		85	65 - 134		
Vinyl chloride			10.0	8.40		ug/L		84	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 660-163306/5
Matrix: Water
Analysis Batch: 163306

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	91.3		ug/L		91	62 - 142	1	30
Benzene			10.0	10.3		ug/L		103	68 - 134	1	30
Bromobenzene			10.0	10.1		ug/L		101	70 - 130	6	30
Bromoform			10.0	10.6		ug/L		106	65 - 130	1	30
Bromomethane			10.0	14.5		ug/L		145	22 - 150	1	30
2-Butanone (MEK)			100	79.4		ug/L		79	63 - 140	0	30
Carbon disulfide			10.0	10.2		ug/L		102	30 - 150	8	30
Carbon tetrachloride			10.0	10.2		ug/L		102	61 - 134	14	30
Chlorobenzene			10.0	10.1		ug/L		101	70 - 130	2	30
Chlorobromomethane			10.0	9.64		ug/L		96	70 - 130	7	30
Chlorodibromomethane			10.0	10.3		ug/L		103	70 - 130	7	30
Chloroethane			10.0	9.34		ug/L		93	39 - 150	4	30
Chloroform			10.0	10.2		ug/L		102	68 - 130	0	30
Chloromethane			10.0	10.1		ug/L		101	35 - 150	7	30
2-Chlorotoluene			10.0	10.1		ug/L		101	70 - 130	4	30
4-Chlorotoluene			10.0	10.4		ug/L		104	70 - 130	1	30
cis-1,2-Dichloroethene			10.0	10.1		ug/L		101	66 - 130	4	30
cis-1,3-Dichloropropene			10.0	10.4		ug/L		104	70 - 130	0	30
1,2-Dibromo-3-Chloropropane			10.0	9.05		ug/L		91	63 - 130	17	30
Dibromomethane			10.0	10.6		ug/L		106	70 - 130	0	30
1,2-Dichlorobenzene			10.0	10.2		ug/L		102	70 - 130	1	30
1,3-Dichlorobenzene			10.0	10.3		ug/L		103	70 - 130	2	30
1,4-Dichlorobenzene			10.0	10.1		ug/L		101	70 - 130	1	30
Dichlorobromomethane			10.0	10.1		ug/L		101	70 - 130	2	30
Dichlorodifluoromethane			10.0	9.98		ug/L		100	16 - 149	22	30
1,1-Dichloroethane			10.0	10.3		ug/L		103	66 - 130	1	30
1,2-Dichloroethane			10.0	10.1		ug/L		101	70 - 130	2	30
1,1-Dichloroethene			10.0	8.98		ug/L		90	51 - 150	5	30
1,2-Dichloropropane			10.0	9.94		ug/L		99	70 - 130	6	30
1,3-Dichloropropane			10.0	10.0		ug/L		100	70 - 130	0	30
2,2-Dichloropropane			10.0	10.3		ug/L		103	66 - 134	10	30
1,1-Dichloropropene			10.0	10.5		ug/L		105	65 - 136	7	30
Ethylbenzene			10.0	9.46		ug/L		95	70 - 130	4	30
Ethylene Dibromide			10.0	9.58		ug/L		96	66 - 130	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163306/5
Matrix: Water
Analysis Batch: 163306

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	10.0	10.2		ug/L		102	62 - 143	7	30
2-Hexanone	100	79.8		ug/L		80	60 - 148	0	30
Isopropylbenzene	10.0	8.90		ug/L		89	62 - 130	5	30
4-Isopropyltoluene	10.0	8.11		ug/L		81	65 - 134	3	30
Methylene Chloride	10.0	9.71		ug/L		97	57 - 130	6	30
4-Methyl-2-pentanone (MIBK)	100	77.5		ug/L		78	64 - 137	1	30
Methyl tert-butyl ether	10.0	10.0		ug/L		100	67 - 130	2	30
Naphthalene	10.0	7.64		ug/L		76	50 - 136	0	30
n-Butylbenzene	10.0	8.33		ug/L		83	61 - 131	7	30
N-Propylbenzene	10.0	10.4		ug/L		104	67 - 130	5	30
o-Xylene	10.0	8.52		ug/L		85	69 - 130	2	30
sec-Butylbenzene	10.0	8.83		ug/L		88	68 - 133	8	30
Styrene	10.0	8.75		ug/L		87	68 - 131	2	30
tert-Butylbenzene	10.0	8.90		ug/L		89	64 - 130	6	30
1,1,1,2-Tetrachloroethane	10.0	10.2		ug/L		102	70 - 130	6	30
1,1,2,2-Tetrachloroethane	10.0	10.0		ug/L		100	70 - 130	5	30
Tetrachloroethene	10.0	10.4		ug/L		104	50 - 143	12	30
Toluene	10.0	10.5		ug/L		105	70 - 131	2	30
trans-1,2-Dichloroethene	10.0	10.6		ug/L		106	62 - 139	7	30
trans-1,3-Dichloropropene	10.0	10.5		ug/L		105	67 - 130	1	30
1,2,3-Trichlorobenzene	10.0	8.62		ug/L		86	58 - 132	5	30
1,2,4-Trichlorobenzene	10.0	9.90		ug/L		99	66 - 130	6	30
1,1,1-Trichloroethane	10.0	10.0		ug/L		100	63 - 132	4	30
1,1,2-Trichloroethane	10.0	9.27		ug/L		93	70 - 130	3	30
Trichloroethene	10.0	9.95		ug/L		99	63 - 139	3	30
Trichlorofluoromethane	10.0	9.22		ug/L		92	62 - 146	13	30
1,2,3-Trichloropropane	10.0	10.5		ug/L		105	66 - 130	1	30
1,2,4-Trimethylbenzene	10.0	8.51		ug/L		85	70 - 132	3	30
1,3,5-Trimethylbenzene	10.0	8.82		ug/L		88	65 - 134	3	30
Vinyl chloride	10.0	8.33		ug/L		83	48 - 147	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-70273-26 MS
Matrix: Water
Analysis Batch: 163306

Client Sample ID: EW2026_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	77.1		ug/L		77	62 - 142
Benzene	0.50	U	10.0	10.8		ug/L		108	68 - 134
Bromobenzene	0.58	U	10.0	10.3		ug/L		103	70 - 130
Bromoform	0.63	U	10.0	10.8		ug/L		108	65 - 130
Bromomethane	2.5	U	10.0	14.3		ug/L		143	22 - 150
2-Butanone (MEK)	8.4	U	100	74.1		ug/L		74	63 - 140
Carbon disulfide	1.0	U	10.0	10.3		ug/L		103	30 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-26 MS
Matrix: Water
Analysis Batch: 163306

Client Sample ID: EW2026_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	0.43	U	10.0	10.4		ug/L		104	61 - 134
Chlorobenzene	0.63	U	10.0	10.3		ug/L		103	70 - 130
Chlorobromomethane	0.58	U	10.0	10.9		ug/L		109	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.4		ug/L		104	70 - 130
Chloroethane	2.5	U	10.0	10.2		ug/L		102	39 - 150
Chloroform	0.90	U	10.0	10.3		ug/L		103	68 - 130
Chloromethane	1.0	U	10.0	10.2		ug/L		102	35 - 150
2-Chlorotoluene	0.65	U	10.0	10.7		ug/L		107	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.6		ug/L		106	70 - 130
cis-1,2-Dichloroethene	1.3		10.0	12.0		ug/L		107	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.94		ug/L		99	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.3		ug/L		103	63 - 130
Dibromomethane	0.46	U	10.0	10.0		ug/L		100	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.7		ug/L		107	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.3		ug/L		113	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.6		ug/L		106	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.9		ug/L		109	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	10.7		ug/L		107	16 - 149
1,1-Dichloroethane	0.52	U	10.0	11.5		ug/L		115	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.89		ug/L		99	70 - 130
1,1-Dichloroethene	0.67	U	10.0	9.74		ug/L		97	51 - 150
1,2-Dichloropropane	0.52	U	10.0	11.2		ug/L		112	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.91		ug/L		99	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.3		ug/L		103	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.0		ug/L		110	65 - 136
Ethylbenzene	0.44	U	10.0	10.2		ug/L		102	70 - 130
Ethylene Dibromide	0.50	U	10.0	9.67		ug/L		97	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.5		ug/L		105	62 - 143
2-Hexanone	4.4	U	100	73.2		ug/L		73	60 - 148
Isopropylbenzene	0.52	U	10.0	9.44		ug/L		94	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.71		ug/L		87	65 - 134
Methylene Chloride	4.0	U	10.0	10.4		ug/L		104	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	74.6		ug/L		75	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.1		ug/L		101	67 - 130
Naphthalene	2.5	U	10.0	7.03		ug/L		70	50 - 136
n-Butylbenzene	0.67	U	10.0	8.57		ug/L		86	61 - 131
N-Propylbenzene	0.59	U	10.0	10.8		ug/L		108	67 - 130
o-Xylene	0.50	U	10.0	9.25		ug/L		93	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.92		ug/L		89	68 - 133
Styrene	0.98	U	10.0	9.15		ug/L		91	68 - 131
tert-Butylbenzene	0.84	U	10.0	8.87		ug/L		89	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.2		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.71		ug/L		97	70 - 130
Tetrachloroethene	15		10.0	24.9		ug/L		98	50 - 143
Toluene	0.51	U	10.0	10.4		ug/L		104	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.4		ug/L		104	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.5		ug/L		105	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.42		ug/L		84	58 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-26 MS
Matrix: Water
Analysis Batch: 163306

Client Sample ID: EW2026_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	0.58	U	10.0	9.74		ug/L		97	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.6		ug/L		106	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.4		ug/L		104	70 - 130
Trichloroethene	20		10.0	29.0		ug/L		87	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.85		ug/L		99	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.76		ug/L		98	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.01		ug/L		90	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	8.99		ug/L		90	65 - 134
Vinyl chloride	0.71	U	10.0	9.68		ug/L		97	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-70273-25 DU
Matrix: Water
Analysis Batch: 163306

Client Sample ID: EW2025_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.97	I	1.09		ug/L		11	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-25 DU
Matrix: Water
Analysis Batch: 163306

Client Sample ID: EW2025_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	2.7			2.82		ug/L				3	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	7.7			7.54		ug/L				2	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163352/7
Matrix: Water
Analysis Batch: 163352

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/14/15 13:51	1
Benzene	0.50	U	1.0	0.50	ug/L			11/14/15 13:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 13:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/14/15 13:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/14/15 13:51	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/14/15 13:51	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/14/15 13:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/14/15 13:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/14/15 13:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/14/15 13:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/14/15 13:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/14/15 13:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/14/15 13:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/14/15 13:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/14/15 13:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/14/15 13:51	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/14/15 13:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/14/15 13:51	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/14/15 13:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/14/15 13:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/14/15 13:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/14/15 13:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/14/15 13:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/14/15 13:51	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 13:51	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/14/15 13:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/14/15 13:51	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/14/15 13:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/14/15 13:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/14/15 13:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/14/15 13:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/14/15 13:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/14/15 13:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/14/15 13:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/14/15 13:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/14/15 13:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/14/15 13:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/14/15 13:51	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/14/15 13:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/14/15 13:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/14/15 13:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/14/15 13:51	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/14/15 13:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/14/15 13:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/14/15 13:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/14/15 13:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/14/15 13:51	1
Styrene	0.98	U	2.0	0.98	ug/L			11/14/15 13:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163352/7
Matrix: Water
Analysis Batch: 163352

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/14/15 13:51	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/14/15 13:51	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/14/15 13:51	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/14/15 13:51	1
Toluene	0.51	U	1.0	0.51	ug/L			11/14/15 13:51	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/14/15 13:51	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/14/15 13:51	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/14/15 13:51	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/14/15 13:51	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 13:51	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/14/15 13:51	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/14/15 13:51	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/14/15 13:51	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/14/15 13:51	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/14/15 13:51	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/14/15 13:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/14/15 13:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/14/15 13:51*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*11/14/15 13:51*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/14/15 13:51*	*1*

Lab Sample ID: LCS 660-163352/4
Matrix: Water
Analysis Batch: 163352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	85.0		ug/L		85	62 - 142
Benzene	10.0	10.9		ug/L		109	68 - 134
Bromobenzene	10.0	10.5		ug/L		105	70 - 130
Bromoform	10.0	10.1		ug/L		101	65 - 130
Bromomethane	10.0	12.9		ug/L		129	22 - 150
2-Butanone (MEK)	100	75.7		ug/L		76	63 - 140
Carbon disulfide	10.0	10.8		ug/L		108	30 - 150
Carbon tetrachloride	10.0	11.0		ug/L		110	61 - 134
Chlorobenzene	10.0	10.6		ug/L		106	70 - 130
Chlorobromomethane	10.0	10.0		ug/L		100	70 - 130
Chlorodibromomethane	10.0	10.0		ug/L		100	70 - 130
Chloroethane	10.0	11.0		ug/L		110	39 - 150
Chloroform	10.0	10.5		ug/L		105	68 - 130
Chloromethane	10.0	11.2		ug/L		112	35 - 150
2-Chlorotoluene	10.0	10.8		ug/L		108	70 - 130
4-Chlorotoluene	10.0	11.1		ug/L		111	70 - 130
cis-1,2-Dichloroethene	10.0	10.8		ug/L		108	66 - 130
cis-1,3-Dichloropropene	10.0	10.3		ug/L		103	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.1		ug/L		101	63 - 130
Dibromomethane	10.0	9.89		ug/L		99	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163352/4
Matrix: Water
Analysis Batch: 163352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,3-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130
1,4-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130
Dichlorobromomethane	10.0	10.9		ug/L		109	70 - 130
Dichlorodifluoromethane	10.0	11.6		ug/L		116	16 - 149
1,1-Dichloroethane	10.0	11.1		ug/L		111	66 - 130
1,2-Dichloroethane	10.0	10.0		ug/L		100	70 - 130
1,1-Dichloroethene	10.0	10.2		ug/L		102	51 - 150
1,2-Dichloropropane	10.0	10.9		ug/L		109	70 - 130
1,3-Dichloropropane	10.0	9.74		ug/L		97	70 - 130
2,2-Dichloropropane	10.0	10.9		ug/L		109	66 - 134
1,1-Dichloropropene	10.0	11.5		ug/L		115	65 - 136
Ethylbenzene	10.0	10.3		ug/L		103	70 - 130
Ethylene Dibromide	10.0	10.2		ug/L		102	66 - 130
Hexachlorobutadiene	10.0	10.6		ug/L		106	62 - 143
2-Hexanone	100	71.3		ug/L		71	60 - 148
Isopropylbenzene	10.0	9.10		ug/L		91	62 - 130
4-Isopropyltoluene	10.0	8.86		ug/L		89	65 - 134
Methylene Chloride	10.0	10.1		ug/L		101	57 - 130
4-Methyl-2-pentanone (MIBK)	100	71.2		ug/L		71	64 - 137
Methyl tert-butyl ether	10.0	10.0		ug/L		100	67 - 130
Naphthalene	10.0	7.27		ug/L		73	50 - 136
n-Butylbenzene	10.0	8.84		ug/L		88	61 - 131
N-Propylbenzene	10.0	10.9		ug/L		109	67 - 130
o-Xylene	10.0	8.99		ug/L		90	69 - 130
sec-Butylbenzene	10.0	9.41		ug/L		94	68 - 133
Styrene	10.0	9.18		ug/L		92	68 - 131
tert-Butylbenzene	10.0	9.48		ug/L		95	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.7		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.3		ug/L		103	70 - 130
Tetrachloroethene	10.0	10.9		ug/L		109	50 - 143
Toluene	10.0	10.8		ug/L		108	70 - 131
trans-1,2-Dichloroethene	10.0	11.2		ug/L		112	62 - 139
trans-1,3-Dichloropropene	10.0	10.0		ug/L		100	67 - 130
1,2,3-Trichlorobenzene	10.0	8.57		ug/L		86	58 - 132
1,2,4-Trichlorobenzene	10.0	10.2		ug/L		102	66 - 130
1,1,1-Trichloroethane	10.0	11.1		ug/L		111	63 - 132
1,1,2-Trichloroethane	10.0	9.74		ug/L		97	70 - 130
Trichloroethene	10.0	10.8		ug/L		108	63 - 139
Trichlorofluoromethane	10.0	10.6		ug/L		106	62 - 146
1,2,3-Trichloropropane	10.0	10.4		ug/L		104	66 - 130
1,2,4-Trimethylbenzene	10.0	8.97		ug/L		90	70 - 132
1,3,5-Trimethylbenzene	10.0	9.01		ug/L		90	65 - 134
Vinyl chloride	10.0	11.5		ug/L		115	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163352/4
Matrix: Water
Analysis Batch: 163352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 660-163352/5
Matrix: Water
Analysis Batch: 163352

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	82.2		ug/L		82	62 - 142	3	30
Benzene			10.0	11.1		ug/L		111	68 - 134	2	30
Bromobenzene			10.0	10.3		ug/L		103	70 - 130	2	30
Bromoform			10.0	10.1		ug/L		101	65 - 130	0	30
Bromomethane			10.0	13.4		ug/L		134	22 - 150	4	30
2-Butanone (MEK)			100	73.4		ug/L		73	63 - 140	3	30
Carbon disulfide			10.0	10.8		ug/L		108	30 - 150	0	30
Carbon tetrachloride			10.0	11.4		ug/L		114	61 - 134	4	30
Chlorobenzene			10.0	10.6		ug/L		106	70 - 130	0	30
Chlorobromomethane			10.0	11.0		ug/L		110	70 - 130	9	30
Chlorodibromomethane			10.0	11.2		ug/L		112	70 - 130	11	30
Chloroethane			10.0	9.81		ug/L		98	39 - 150	11	30
Chloroform			10.0	10.8		ug/L		108	68 - 130	2	30
Chloromethane			10.0	10.2		ug/L		102	35 - 150	9	30
2-Chlorotoluene			10.0	10.6		ug/L		106	70 - 130	2	30
4-Chlorotoluene			10.0	10.9		ug/L		109	70 - 130	2	30
cis-1,2-Dichloroethene			10.0	10.7		ug/L		107	66 - 130	0	30
cis-1,3-Dichloropropene			10.0	10.7		ug/L		107	70 - 130	4	30
1,2-Dibromo-3-Chloropropane			10.0	11.2		ug/L		112	63 - 130	10	30
Dibromomethane			10.0	10.0		ug/L		100	70 - 130	1	30
1,2-Dichlorobenzene			10.0	10.5		ug/L		105	70 - 130	0	30
1,3-Dichlorobenzene			10.0	10.7		ug/L		107	70 - 130	1	30
1,4-Dichlorobenzene			10.0	10.5		ug/L		105	70 - 130	0	30
Dichlorobromomethane			10.0	10.5		ug/L		105	70 - 130	3	30
Dichlorodifluoromethane			10.0	10.1		ug/L		101	16 - 149	14	30
1,1-Dichloroethane			10.0	11.5		ug/L		115	66 - 130	4	30
1,2-Dichloroethane			10.0	10.1		ug/L		101	70 - 130	1	30
1,1-Dichloroethene			10.0	10.1		ug/L		101	51 - 150	0	30
1,2-Dichloropropane			10.0	10.8		ug/L		108	70 - 130	1	30
1,3-Dichloropropane			10.0	10.6		ug/L		106	70 - 130	8	30
2,2-Dichloropropane			10.0	10.8		ug/L		108	66 - 134	0	30
1,1-Dichloropropene			10.0	11.2		ug/L		112	65 - 136	3	30
Ethylbenzene			10.0	10.3		ug/L		103	70 - 130	0	30
Ethylene Dibromide			10.0	9.71		ug/L		97	66 - 130	4	30
Hexachlorobutadiene			10.0	10.7		ug/L		107	62 - 143	1	30
2-Hexanone			100	75.8		ug/L		76	60 - 148	6	30
Isopropylbenzene			10.0	8.94		ug/L		89	62 - 130	2	30
4-Isopropyltoluene			10.0	8.69		ug/L		87	65 - 134	2	30
Methylene Chloride			10.0	10.7		ug/L		107	57 - 130	6	30
4-Methyl-2-pentanone (MIBK)			100	76.0		ug/L		76	64 - 137	6	30
Methyl tert-butyl ether			10.0	9.87		ug/L		99	67 - 130	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163352/5
Matrix: Water
Analysis Batch: 163352

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	7.17		ug/L		72	50 - 136	1	30
n-Butylbenzene			10.0	8.61		ug/L		86	61 - 131	3	30
N-Propylbenzene			10.0	10.9		ug/L		109	67 - 130	1	30
o-Xylene			10.0	8.75		ug/L		88	69 - 130	3	30
sec-Butylbenzene			10.0	9.06		ug/L		91	68 - 133	4	30
Styrene			10.0	8.91		ug/L		89	68 - 131	3	30
tert-Butylbenzene			10.0	8.99		ug/L		90	64 - 130	5	30
1,1,1,2-Tetrachloroethane			10.0	10.0		ug/L		100	70 - 130	6	30
1,1,2,2-Tetrachloroethane			10.0	9.42		ug/L		94	70 - 130	9	30
Tetrachloroethene			10.0	11.4		ug/L		114	50 - 143	4	30
Toluene			10.0	10.9		ug/L		109	70 - 131	2	30
trans-1,2-Dichloroethene			10.0	11.1		ug/L		111	62 - 139	1	30
trans-1,3-Dichloropropene			10.0	10.5		ug/L		105	67 - 130	5	30
1,2,3-Trichlorobenzene			10.0	8.96		ug/L		90	58 - 132	4	30
1,2,4-Trichlorobenzene			10.0	10.3		ug/L		103	66 - 130	1	30
1,1,1-Trichloroethane			10.0	11.2		ug/L		112	63 - 132	0	30
1,1,2-Trichloroethane			10.0	9.30		ug/L		93	70 - 130	5	30
Trichloroethene			10.0	10.6		ug/L		106	63 - 139	2	30
Trichlorofluoromethane			10.0	9.63		ug/L		96	62 - 146	9	30
1,2,3-Trichloropropane			10.0	10.6		ug/L		106	66 - 130	2	30
1,2,4-Trimethylbenzene			10.0	8.64		ug/L		86	70 - 132	4	30
1,3,5-Trimethylbenzene			10.0	8.84		ug/L		88	65 - 134	2	30
Vinyl chloride			10.0	9.05		ug/L		90	48 - 147	24	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 660-70273-28 MS
Matrix: Water
Analysis Batch: 163352

Client Sample ID: EW2028_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	99	U	1000	854		ug/L		85	62 - 142
Benzene	5.0	U	100	112		ug/L		112	68 - 134
Bromobenzene	5.8	U	100	105		ug/L		105	70 - 130
Bromoform	6.3	U	100	105		ug/L		105	65 - 130
Bromomethane	25	U	100	119		ug/L		119	22 - 150
2-Butanone (MEK)	84	U	1000	824		ug/L		82	63 - 140
Carbon disulfide	10	U	100	102		ug/L		102	30 - 150
Carbon tetrachloride	4.3	U	100	112		ug/L		112	61 - 134
Chlorobenzene	6.3	U	100	111		ug/L		111	70 - 130
Chlorobromomethane	5.8	U	100	99.2		ug/L		99	70 - 130
Chlorodibromomethane	3.1	U	100	100		ug/L		100	70 - 130
Chloroethane	25	U	100	96.5		ug/L		97	39 - 150
Chloroform	9.0	U	100	108		ug/L		108	68 - 130
Chloromethane	10	U	100	104		ug/L		104	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-28 MS
Matrix: Water
Analysis Batch: 163352

Client Sample ID: EW2028_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	6.5	U	100	106		ug/L		106	70 - 130
4-Chlorotoluene	5.2	U	100	110		ug/L		110	70 - 130
cis-1,2-Dichloroethene	6.5	U	100	113		ug/L		113	66 - 130
cis-1,3-Dichloropropene	3.9	U	100	106		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	25	U	100	102		ug/L		102	63 - 130
Dibromomethane	4.6	U	100	105		ug/L		105	70 - 130
1,2-Dichlorobenzene	4.9	U	100	104		ug/L		104	70 - 130
1,3-Dichlorobenzene	6.4	U	100	107		ug/L		107	70 - 130
1,4-Dichlorobenzene	6.0	U	100	108		ug/L		108	70 - 130
Dichlorobromomethane	4.4	U	100	110		ug/L		110	70 - 130
Dichlorodifluoromethane	25	U	100	106		ug/L		106	16 - 149
1,1-Dichloroethane	5.2	U	100	113		ug/L		113	66 - 130
1,2-Dichloroethane	5.7	U	100	98.0		ug/L		98	70 - 130
1,1-Dichloroethene	6.7	U	100	91.6		ug/L		92	51 - 150
1,2-Dichloropropane	5.2	U	100	111		ug/L		111	70 - 130
1,3-Dichloropropane	4.2	U	100	103		ug/L		103	70 - 130
2,2-Dichloropropane	3.6	U	100	109		ug/L		109	66 - 134
1,1-Dichloropropene	6.5	U	100	117		ug/L		117	65 - 136
Ethylbenzene	4.4	U	100	104		ug/L		104	70 - 130
Ethylene Dibromide	5.0	U	100	111		ug/L		111	66 - 130
Hexachlorobutadiene	3.4	U	100	105		ug/L		105	62 - 143
2-Hexanone	44	U	1000	772		ug/L		77	60 - 148
Isopropylbenzene	5.2	U	100	92.3		ug/L		92	62 - 130
4-Isopropyltoluene	6.9	U	100	87.4		ug/L		87	65 - 134
Methylene Chloride	40	U	100	100		ug/L		100	57 - 130
4-Methyl-2-pentanone (MIBK)	40	U	1000	790		ug/L		79	64 - 137
Methyl tert-butyl ether	4.4	U	100	97.5		ug/L		98	67 - 130
Naphthalene	25	U	100	71.9		ug/L		72	50 - 136
n-Butylbenzene	6.7	U	100	89.1		ug/L		89	61 - 131
N-Propylbenzene	5.9	U	100	111		ug/L		111	67 - 130
o-Xylene	5.0	U	100	88.1		ug/L		88	69 - 130
sec-Butylbenzene	6.3	U	100	92.7		ug/L		93	68 - 133
Styrene	9.8	U	100	93.3		ug/L		93	68 - 131
tert-Butylbenzene	8.4	U	100	94.0		ug/L		94	64 - 130
1,1,1,2-Tetrachloroethane	6.3	U	100	104		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	1.7	U	100	105		ug/L		105	70 - 130
Tetrachloroethene	170		100	264		ug/L		99	50 - 143
Toluene	5.1	U	100	113		ug/L		113	70 - 131
trans-1,2-Dichloroethene	6.7	U	100	108		ug/L		108	62 - 139
trans-1,3-Dichloropropene	2.7	U	100	104		ug/L		104	67 - 130
1,2,3-Trichlorobenzene	7.7	U	100	86.7		ug/L		87	58 - 132
1,2,4-Trichlorobenzene	5.8	U	100	95.9		ug/L		96	66 - 130
1,1,1-Trichloroethane	4.7	U	100	116		ug/L		116	63 - 132
1,1,2-Trichloroethane	4.7	U	100	97.9		ug/L		98	70 - 130
Trichloroethene	46		100	159		ug/L		113	63 - 139
Trichlorofluoromethane	25	U	100	105		ug/L		105	62 - 146
1,2,3-Trichloropropane	4.4	U	100	102		ug/L		102	66 - 130
1,2,4-Trimethylbenzene	8.6	U	100	89.3		ug/L		89	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-28 MS
Matrix: Water
Analysis Batch: 163352

Client Sample ID: EW2028_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	5.4	U	100	91.9		ug/L		92	65 - 134
Vinyl chloride	7.1	U	100	93.4		ug/L		93	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-70273-28 MSD
Matrix: Water
Analysis Batch: 163352

Client Sample ID: EW2028_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	99	U	1000	785		ug/L		79	62 - 142	8	30
Benzene	5.0	U	100	106		ug/L		106	68 - 134	6	30
Bromobenzene	5.8	U	100	103		ug/L		103	70 - 130	1	30
Bromoform	6.3	U	100	102		ug/L		102	65 - 130	2	30
Bromomethane	25	U	100	129		ug/L		129	22 - 150	8	30
2-Butanone (MEK)	84	U	1000	728		ug/L		73	63 - 140	12	30
Carbon disulfide	10	U	100	101		ug/L		101	30 - 150	1	30
Carbon tetrachloride	4.3	U	100	107		ug/L		107	61 - 134	4	30
Chlorobenzene	6.3	U	100	103		ug/L		103	70 - 130	8	30
Chlorobromomethane	5.8	U	100	106		ug/L		106	70 - 130	6	30
Chlorodibromomethane	3.1	U	100	105		ug/L		105	70 - 130	5	30
Chloroethane	25	U	100	92.0		ug/L		92	39 - 150	5	30
Chloroform	9.0	U	100	98.4		ug/L		98	68 - 130	9	30
Chloromethane	10	U	100	100		ug/L		100	35 - 150	3	30
2-Chlorotoluene	6.5	U	100	101		ug/L		101	70 - 130	4	30
4-Chlorotoluene	5.2	U	100	105		ug/L		105	70 - 130	5	30
cis-1,2-Dichloroethene	6.5	U	100	107		ug/L		107	66 - 130	6	30
cis-1,3-Dichloropropene	3.9	U	100	97.5		ug/L		98	70 - 130	9	30
1,2-Dibromo-3-Chloropropane	25	U	100	96.4		ug/L		96	63 - 130	6	30
Dibromomethane	4.6	U	100	103		ug/L		103	70 - 130	2	30
1,2-Dichlorobenzene	4.9	U	100	102		ug/L		102	70 - 130	2	30
1,3-Dichlorobenzene	6.4	U	100	101		ug/L		101	70 - 130	6	30
1,4-Dichlorobenzene	6.0	U	100	103		ug/L		103	70 - 130	5	30
Dichlorobromomethane	4.4	U	100	101		ug/L		101	70 - 130	9	30
Dichlorodifluoromethane	25	U	100	98.9		ug/L		99	16 - 149	7	30
1,1-Dichloroethane	5.2	U	100	106		ug/L		106	66 - 130	7	30
1,2-Dichloroethane	5.7	U	100	97.3		ug/L		97	70 - 130	1	30
1,1-Dichloroethene	6.7	U	100	93.3		ug/L		93	51 - 150	2	30
1,2-Dichloropropane	5.2	U	100	100		ug/L		100	70 - 130	10	30
1,3-Dichloropropane	4.2	U	100	103		ug/L		103	70 - 130	1	30
2,2-Dichloropropane	3.6	U	100	103		ug/L		103	66 - 134	6	30
1,1-Dichloropropene	6.5	U	100	107		ug/L		107	65 - 136	9	30
Ethylbenzene	4.4	U	100	105		ug/L		105	70 - 130	1	30
Ethylene Dibromide	5.0	U	100	94.6		ug/L		95	66 - 130	16	30
Hexachlorobutadiene	3.4	U	100	107		ug/L		107	62 - 143	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-28 MSD
Matrix: Water
Analysis Batch: 163352

Client Sample ID: EW2028_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	44	U	1000	729		ug/L		73	60 - 148	6	30
Isopropylbenzene	5.2	U	100	88.3		ug/L		88	62 - 130	4	30
4-Isopropyltoluene	6.9	U	100	85.3		ug/L		85	65 - 134	2	30
Methylene Chloride	40	U	100	102		ug/L		102	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)	40	U	1000	718		ug/L		72	64 - 137	10	30
Methyl tert-butyl ether	4.4	U	100	94.7		ug/L		95	67 - 130	3	30
Naphthalene	25	U	100	69.6		ug/L		70	50 - 136	3	30
n-Butylbenzene	6.7	U	100	85.1		ug/L		85	61 - 131	5	30
N-Propylbenzene	5.9	U	100	102		ug/L		102	67 - 130	9	30
o-Xylene	5.0	U	100	89.7		ug/L		90	69 - 130	2	30
sec-Butylbenzene	6.3	U	100	87.8		ug/L		88	68 - 133	5	30
Styrene	9.8	U	100	87.8		ug/L		88	68 - 131	6	30
tert-Butylbenzene	8.4	U	100	86.8		ug/L		87	64 - 130	8	30
1,1,1,2-Tetrachloroethane	6.3	U	100	97.0		ug/L		97	70 - 130	7	30
1,1,2,2-Tetrachloroethane	1.7	U	100	95.8		ug/L		96	70 - 130	9	30
Tetrachloroethene	170		100	262		ug/L		97	50 - 143	1	30
Toluene	5.1	U	100	102		ug/L		102	70 - 131	10	30
trans-1,2-Dichloroethene	6.7	U	100	107		ug/L		107	62 - 139	0	30
trans-1,3-Dichloropropene	2.7	U	100	101		ug/L		101	67 - 130	3	30
1,2,3-Trichlorobenzene	7.7	U	100	86.0		ug/L		86	58 - 132	1	30
1,2,4-Trichlorobenzene	5.8	U	100	97.4		ug/L		97	66 - 130	2	30
1,1,1-Trichloroethane	4.7	U	100	110		ug/L		110	63 - 132	6	30
1,1,2-Trichloroethane	4.7	U	100	101		ug/L		101	70 - 130	3	30
Trichloroethene	46		100	144		ug/L		99	63 - 139	10	30
Trichlorofluoromethane	25	U	100	97.2		ug/L		97	62 - 146	8	30
1,2,3-Trichloropropane	4.4	U	100	91.2		ug/L		91	66 - 130	11	30
1,2,4-Trimethylbenzene	8.6	U	100	84.3		ug/L		84	70 - 132	6	30
1,3,5-Trimethylbenzene	5.4	U	100	86.5		ug/L		86	65 - 134	6	30
Vinyl chloride	7.1	U	100	87.9		ug/L		88	48 - 147	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 660-163358/7
Matrix: Water
Analysis Batch: 163358

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 09:39	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 09:39	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 09:39	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 09:39	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 09:39	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 09:39	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 09:39	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 09:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163358/7
Matrix: Water
Analysis Batch: 163358

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 09:39	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 09:39	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 09:39	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 09:39	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 09:39	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 09:39	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 09:39	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 09:39	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/16/15 09:39	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 09:39	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 09:39	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 09:39	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 09:39	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 09:39	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 09:39	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 09:39	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 09:39	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/16/15 09:39	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 09:39	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 09:39	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 09:39	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 09:39	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 09:39	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 09:39	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 09:39	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 09:39	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 09:39	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 09:39	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 09:39	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 09:39	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 09:39	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 09:39	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 09:39	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 09:39	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 09:39	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 09:39	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 09:39	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 09:39	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 09:39	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 09:39	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 09:39	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 09:39	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 09:39	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 09:39	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 09:39	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 09:39	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 09:39	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 09:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163358/7
Matrix: Water
Analysis Batch: 163358

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 09:39	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 09:39	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 09:39	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/16/15 09:39	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 09:39	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 09:39	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 09:39	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 09:39	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 09:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 09:39*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*11/16/15 09:39*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/16/15 09:39*	*1*

Lab Sample ID: LCS 660-163358/4
Matrix: Water
Analysis Batch: 163358

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	114		ug/L		114	62 - 142
Benzene	10.0	10.4		ug/L		104	68 - 134
Bromobenzene	10.0	9.62		ug/L		96	70 - 130
Bromoform	10.0	8.99		ug/L		90	65 - 130
Bromomethane	10.0	10.6		ug/L		106	22 - 150
2-Butanone (MEK)	100	100		ug/L		100	63 - 140
Carbon disulfide	10.0	9.56		ug/L		96	30 - 150
Carbon tetrachloride	10.0	10.1		ug/L		101	61 - 134
Chlorobenzene	10.0	10.1		ug/L		101	70 - 130
Chlorobromomethane	10.0	11.7		ug/L		117	70 - 130
Chlorodibromomethane	10.0	8.26		ug/L		83	70 - 130
Chloroethane	10.0	9.17		ug/L		92	39 - 150
Chloroform	10.0	10.7		ug/L		107	68 - 130
Chloromethane	10.0	10.3		ug/L		103	35 - 150
2-Chlorotoluene	10.0	10.3		ug/L		103	70 - 130
4-Chlorotoluene	10.0	10.4		ug/L		104	70 - 130
cis-1,2-Dichloroethene	10.0	11.2		ug/L		112	66 - 130
cis-1,3-Dichloropropene	10.0	9.52		ug/L		95	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.72		ug/L		87	63 - 130
Dibromomethane	10.0	11.2		ug/L		112	70 - 130
1,2-Dichlorobenzene	10.0	10.7		ug/L		107	70 - 130
1,3-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
1,4-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
Dichlorobromomethane	10.0	10.0		ug/L		100	70 - 130
Dichlorodifluoromethane	10.0	6.13		ug/L		61	16 - 149
1,1-Dichloroethane	10.0	11.0		ug/L		110	66 - 130
1,2-Dichloroethane	10.0	12.0		ug/L		120	70 - 130
1,1-Dichloroethene	10.0	9.38		ug/L		94	51 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163358/4
Matrix: Water
Analysis Batch: 163358

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	10.0	10.9		ug/L		109	70 - 130
1,3-Dichloropropane	10.0	10.4		ug/L		104	70 - 130
2,2-Dichloropropane	10.0	10.9		ug/L		109	66 - 134
1,1-Dichloropropene	10.0	10.1		ug/L		101	65 - 136
Ethylbenzene	10.0	9.99		ug/L		100	70 - 130
Ethylene Dibromide	10.0	8.71		ug/L		87	66 - 130
Hexachlorobutadiene	10.0	10.4		ug/L		104	62 - 143
2-Hexanone	100	90.3		ug/L		90	60 - 148
Isopropylbenzene	10.0	9.50		ug/L		95	62 - 130
4-Isopropyltoluene	10.0	9.70		ug/L		97	65 - 134
Methylene Chloride	10.0	9.61		ug/L		96	57 - 130
4-Methyl-2-pentanone (MIBK)	100	87.8		ug/L		88	64 - 137
Methyl tert-butyl ether	10.0	10.5		ug/L		105	67 - 130
Naphthalene	10.0	10.6		ug/L		106	50 - 136
n-Butylbenzene	10.0	9.31		ug/L		93	61 - 131
N-Propylbenzene	10.0	9.76		ug/L		98	67 - 130
o-Xylene	10.0	9.85		ug/L		99	69 - 130
sec-Butylbenzene	10.0	9.45		ug/L		94	68 - 133
Styrene	10.0	10.4		ug/L		104	68 - 131
tert-Butylbenzene	10.0	10.1		ug/L		101	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.60		ug/L		86	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.26		ug/L		83	70 - 130
Tetrachloroethene	10.0	9.49		ug/L		95	50 - 143
Toluene	10.0	10.2		ug/L		102	70 - 131
trans-1,2-Dichloroethene	10.0	10.4		ug/L		104	62 - 139
trans-1,3-Dichloropropene	10.0	8.69		ug/L		87	67 - 130
1,2,3-Trichlorobenzene	10.0	11.1		ug/L		111	58 - 132
1,2,4-Trichlorobenzene	10.0	10.7		ug/L		107	66 - 130
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	63 - 132
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	70 - 130
Trichloroethene	10.0	9.94		ug/L		99	63 - 139
Trichlorofluoromethane	10.0	9.71		ug/L		97	62 - 146
1,2,3-Trichloropropane	10.0	8.91		ug/L		89	66 - 130
1,2,4-Trimethylbenzene	10.0	9.88		ug/L		99	70 - 132
1,3,5-Trimethylbenzene	10.0	9.99		ug/L		100	65 - 134
Vinyl chloride	10.0	10.4		ug/L		104	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 660-163358/5
Matrix: Water
Analysis Batch: 163358

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	115		ug/L		115	62 - 142	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163358/5
Matrix: Water
Analysis Batch: 163358

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	11.1		ug/L		111	68 - 134	6	30
Bromobenzene	10.0	10.2		ug/L		102	70 - 130	6	30
Bromoform	10.0	9.26		ug/L		93	65 - 130	3	30
Bromomethane	10.0	12.0		ug/L		120	22 - 150	13	30
2-Butanone (MEK)	100	104		ug/L		104	63 - 140	4	30
Carbon disulfide	10.0	10.9		ug/L		109	30 - 150	13	30
Carbon tetrachloride	10.0	11.9		ug/L		119	61 - 134	16	30
Chlorobenzene	10.0	10.4		ug/L		104	70 - 130	3	30
Chlorobromomethane	10.0	11.5		ug/L		115	70 - 130	2	30
Chlorodibromomethane	10.0	8.57		ug/L		86	70 - 130	4	30
Chloroethane	10.0	9.92		ug/L		99	39 - 150	8	30
Chloroform	10.0	11.0		ug/L		110	68 - 130	3	30
Chloromethane	10.0	10.6		ug/L		106	35 - 150	2	30
2-Chlorotoluene	10.0	11.0		ug/L		110	70 - 130	7	30
4-Chlorotoluene	10.0	10.7		ug/L		107	70 - 130	3	30
cis-1,2-Dichloroethene	10.0	11.6		ug/L		116	66 - 130	3	30
cis-1,3-Dichloropropene	10.0	9.58		ug/L		96	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	10.0	8.26		ug/L		83	63 - 130	5	30
Dibromomethane	10.0	10.6		ug/L		106	70 - 130	6	30
1,2-Dichlorobenzene	10.0	10.8		ug/L		108	70 - 130	1	30
1,3-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130	1	30
1,4-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130	1	30
Dichlorobromomethane	10.0	10.2		ug/L		102	70 - 130	1	30
Dichlorodifluoromethane	10.0	8.76	J3	ug/L		88	16 - 149	35	30
1,1-Dichloroethane	10.0	11.6		ug/L		116	66 - 130	5	30
1,2-Dichloroethane	10.0	11.9		ug/L		119	70 - 130	1	30
1,1-Dichloroethene	10.0	10.6		ug/L		106	51 - 150	13	30
1,2-Dichloropropane	10.0	11.2		ug/L		112	70 - 130	3	30
1,3-Dichloropropane	10.0	11.0		ug/L		110	70 - 130	5	30
2,2-Dichloropropane	10.0	12.2		ug/L		122	66 - 134	11	30
1,1-Dichloropropene	10.0	11.4		ug/L		114	65 - 136	12	30
Ethylbenzene	10.0	10.2		ug/L		102	70 - 130	2	30
Ethylene Dibromide	10.0	8.83		ug/L		88	66 - 130	1	30
Hexachlorobutadiene	10.0	11.4		ug/L		114	62 - 143	9	30
2-Hexanone	100	99.5		ug/L		99	60 - 148	10	30
Isopropylbenzene	10.0	10.8		ug/L		108	62 - 130	12	30
4-Isopropyltoluene	10.0	10.7		ug/L		107	65 - 134	10	30
Methylene Chloride	10.0	10.3		ug/L		103	57 - 130	7	30
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	64 - 137	14	30
Methyl tert-butyl ether	10.0	10.8		ug/L		108	67 - 130	4	30
Naphthalene	10.0	10.4		ug/L		104	50 - 136	2	30
n-Butylbenzene	10.0	10.5		ug/L		105	61 - 131	12	30
N-Propylbenzene	10.0	10.8		ug/L		108	67 - 130	10	30
o-Xylene	10.0	10.2		ug/L		102	69 - 130	4	30
sec-Butylbenzene	10.0	10.6		ug/L		106	68 - 133	12	30
Styrene	10.0	10.7		ug/L		107	68 - 131	3	30
tert-Butylbenzene	10.0	11.3		ug/L		113	64 - 130	11	30
1,1,1,2-Tetrachloroethane	10.0	9.15		ug/L		92	70 - 130	6	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163358/5
Matrix: Water
Analysis Batch: 163358

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane			10.0	8.49		ug/L		85	70 - 130	3	30
Tetrachloroethene			10.0	10.7		ug/L		107	50 - 143	12	30
Toluene			10.0	10.9		ug/L		109	70 - 131	7	30
trans-1,2-Dichloroethene			10.0	11.8		ug/L		118	62 - 139	13	30
trans-1,3-Dichloropropene			10.0	9.20		ug/L		92	67 - 130	6	30
1,2,3-Trichlorobenzene			10.0	10.7		ug/L		107	58 - 132	4	30
1,2,4-Trichlorobenzene			10.0	10.5		ug/L		105	66 - 130	2	30
1,1,1-Trichloroethane			10.0	12.6		ug/L		126	63 - 132	14	30
1,1,2-Trichloroethane			10.0	10.4		ug/L		104	70 - 130	1	30
Trichloroethene			10.0	11.0		ug/L		110	63 - 139	10	30
Trichlorofluoromethane			10.0	11.9		ug/L		119	62 - 146	21	30
1,2,3-Trichloropropane			10.0	9.01		ug/L		90	66 - 130	1	30
1,2,4-Trimethylbenzene			10.0	10.4		ug/L		104	70 - 132	5	30
1,3,5-Trimethylbenzene			10.0	10.9		ug/L		109	65 - 134	8	30
Vinyl chloride			10.0	11.3		ug/L		113	48 - 147	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-70273-62 MS
Matrix: Water
Analysis Batch: 163358

Client Sample ID: EW3022_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	85.7		ug/L		86	62 - 142
Benzene	0.50	U	10.0	9.56		ug/L		96	68 - 134
Bromobenzene	0.58	U	10.0	9.33		ug/L		93	70 - 130
Bromoform	0.63	U	10.0	8.69		ug/L		87	65 - 130
Bromomethane	2.5	U	10.0	9.01		ug/L		90	22 - 150
2-Butanone (MEK)	8.4	U	100	97.0		ug/L		97	63 - 140
Carbon disulfide	1.0	U	10.0	8.73		ug/L		87	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.71		ug/L		97	61 - 134
Chlorobenzene	0.63	U	10.0	9.34		ug/L		93	70 - 130
Chlorobromomethane	0.58	U	10.0	10.4		ug/L		104	70 - 130
Chlorodibromomethane	0.31	U	10.0	8.10		ug/L		81	70 - 130
Chloroethane	2.5	U	10.0	11.2		ug/L		112	39 - 150
Chloroform	0.90	U	10.0	9.86		ug/L		99	68 - 130
Chloromethane	1.0	U	10.0	8.51		ug/L		85	35 - 150
2-Chlorotoluene	0.65	U	10.0	9.82		ug/L		98	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.58		ug/L		96	70 - 130
cis-1,2-Dichloroethene	9.9		10.0	18.9		ug/L		91	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	8.84		ug/L		88	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.91		ug/L		79	63 - 130
Dibromomethane	0.46	U	10.0	10.0		ug/L		100	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.97		ug/L		100	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.17		ug/L		92	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-62 MS
Matrix: Water
Analysis Batch: 163358

Client Sample ID: EW3022_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.60	U	10.0	9.51		ug/L		95	70 - 130
Dichlorobromomethane	0.44	U	10.0	9.19		ug/L		92	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	6.78		ug/L		68	16 - 149
1,1-Dichloroethane	30		10.0	37.2		ug/L		73	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.0		ug/L		110	70 - 130
1,1-Dichloroethene	27		10.0	32.3		ug/L		57	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.1		ug/L		101	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.2		ug/L		102	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.82		ug/L		98	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.46		ug/L		95	65 - 136
Ethylbenzene	0.44	U	10.0	9.11		ug/L		91	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.62		ug/L		86	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.20		ug/L		92	62 - 143
2-Hexanone	4.4	U	100	101		ug/L		101	60 - 148
Isopropylbenzene	0.52	U	10.0	8.93		ug/L		89	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.05		ug/L		90	65 - 134
Methylene Chloride	4.0	U	10.0	9.21		ug/L		92	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	103		ug/L		103	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.90		ug/L		99	67 - 130
Naphthalene	2.5	U	10.0	8.92		ug/L		89	50 - 136
n-Butylbenzene	0.67	U	10.0	8.95		ug/L		89	61 - 131
N-Propylbenzene	0.59	U	10.0	9.27		ug/L		93	67 - 130
o-Xylene	0.50	U	10.0	9.07		ug/L		91	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.99		ug/L		90	68 - 133
Styrene	0.98	U	10.0	9.76		ug/L		98	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.56		ug/L		96	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.29		ug/L		83	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.55		ug/L		86	70 - 130
Tetrachloroethene	1.5		10.0	10.9		ug/L		93	50 - 143
Toluene	0.51	U	10.0	9.61		ug/L		96	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.95		ug/L		100	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	8.25		ug/L		83	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.98		ug/L		90	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.40		ug/L		94	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.97		ug/L		100	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.1		ug/L		101	70 - 130
Trichloroethene	7.7		10.0	16.1		ug/L		84	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.44		ug/L		94	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.04		ug/L		90	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.32		ug/L		93	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	9.33		ug/L		93	65 - 134
Vinyl chloride	0.71	U	10.0	7.73		ug/L		77	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-68 DU
Matrix: Water
Analysis Batch: 163358

Client Sample ID: EW4001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Acetone	9.9	U		9.9	U	ug/L				NC	30
Benzene	0.50	U		0.50	U	ug/L				NC	30
Bromobenzene	0.58	U		0.58	U	ug/L				NC	30
Bromoform	0.63	U		0.63	U	ug/L				NC	30
Bromomethane	2.5	U		2.5	U	ug/L				NC	30
2-Butanone (MEK)	8.4	U		8.4	U	ug/L				NC	30
Carbon disulfide	1.0	U		1.0	U	ug/L				NC	30
Carbon tetrachloride	0.43	U		0.43	U	ug/L				NC	30
Chlorobenzene	0.63	U		0.63	U	ug/L				NC	30
Chlorobromomethane	0.58	U		0.58	U	ug/L				NC	30
Chlorodibromomethane	0.31	U		0.31	U	ug/L				NC	30
Chloroethane	2.5	U		2.5	U	ug/L				NC	30
Chloroform	0.90	U		0.90	U	ug/L				NC	30
Chloromethane	1.0	U		1.0	U	ug/L				NC	30
2-Chlorotoluene	0.65	U		0.65	U	ug/L				NC	30
4-Chlorotoluene	0.52	U		0.52	U	ug/L				NC	30
cis-1,2-Dichloroethene	13			12.5		ug/L				2	30
cis-1,3-Dichloropropene	0.39	U		0.39	U	ug/L				NC	30
1,2-Dibromo-3-Chloropropane	2.5	U		2.5	U	ug/L				NC	30
Dibromomethane	0.46	U		0.46	U	ug/L				NC	30
1,2-Dichlorobenzene	0.49	U		0.49	U	ug/L				NC	30
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U J3		2.5	U J3	ug/L				NC	30
1,1-Dichloroethane	0.95	I		0.945	I	ug/L				0	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	1.1			1.02		ug/L				7	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-68 DU
Matrix: Water
Analysis Batch: 163358

Client Sample ID: EW4001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	21			21.1		ug/L				1	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.95	I		0.866	I	ug/L				9	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 660-163362/7
Matrix: Water
Analysis Batch: 163362

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 09:37	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 09:37	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 09:37	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 09:37	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 09:37	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 09:37	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 09:37	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 09:37	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 09:37	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 09:37	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 09:37	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 09:37	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 09:37	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 09:37	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 09:37	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 09:37	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/16/15 09:37	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 09:37	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 09:37	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 09:37	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163362/7
Matrix: Water
Analysis Batch: 163362

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 09:37	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 09:37	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 09:37	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 09:37	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 09:37	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/16/15 09:37	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 09:37	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 09:37	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 09:37	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 09:37	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 09:37	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 09:37	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 09:37	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 09:37	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 09:37	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 09:37	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 09:37	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 09:37	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 09:37	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 09:37	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 09:37	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 09:37	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 09:37	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 09:37	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 09:37	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 09:37	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 09:37	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 09:37	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 09:37	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 09:37	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 09:37	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 09:37	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 09:37	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 09:37	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 09:37	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 09:37	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 09:37	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 09:37	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 09:37	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/16/15 09:37	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 09:37	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 09:37	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 09:37	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 09:37	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 09:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/16/15 09:37*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163362/7
Matrix: Water
Analysis Batch: 163362

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	106		70 - 130		11/16/15 09:37	1
Toluene-d8 (Surr)	99		70 - 130		11/16/15 09:37	1

Lab Sample ID: LCS 660-163362/4
Matrix: Water
Analysis Batch: 163362

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	82.6		ug/L		83	62 - 142
Benzene	10.0	9.65		ug/L		96	68 - 134
Bromobenzene	10.0	9.58		ug/L		96	70 - 130
Bromoform	10.0	9.46		ug/L		95	65 - 130
Bromomethane	10.0	12.5		ug/L		125	22 - 150
2-Butanone (MEK)	100	75.5		ug/L		75	63 - 140
Carbon disulfide	10.0	8.98		ug/L		90	30 - 150
Carbon tetrachloride	10.0	8.98		ug/L		90	61 - 134
Chlorobenzene	10.0	9.52		ug/L		95	70 - 130
Chlorobromomethane	10.0	10.4		ug/L		104	70 - 130
Chlorodibromomethane	10.0	9.90		ug/L		99	70 - 130
Chloroethane	10.0	10.2		ug/L		102	39 - 150
Chloroform	10.0	9.71		ug/L		97	68 - 130
Chloromethane	10.0	10.4		ug/L		104	35 - 150
2-Chlorotoluene	10.0	9.17		ug/L		92	70 - 130
4-Chlorotoluene	10.0	9.84		ug/L		98	70 - 130
cis-1,2-Dichloroethene	10.0	9.72		ug/L		97	66 - 130
cis-1,3-Dichloropropene	10.0	10.2		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.5		ug/L		105	63 - 130
Dibromomethane	10.0	9.59		ug/L		96	70 - 130
1,2-Dichlorobenzene	10.0	9.67		ug/L		97	70 - 130
1,3-Dichlorobenzene	10.0	9.67		ug/L		97	70 - 130
1,4-Dichlorobenzene	10.0	9.69		ug/L		97	70 - 130
Dichlorobromomethane	10.0	9.95		ug/L		99	70 - 130
Dichlorodifluoromethane	10.0	8.88		ug/L		89	16 - 149
1,1-Dichloroethane	10.0	9.79		ug/L		98	66 - 130
1,2-Dichloroethane	10.0	9.97		ug/L		100	70 - 130
1,1-Dichloroethene	10.0	8.68		ug/L		87	51 - 150
1,2-Dichloropropane	10.0	9.31		ug/L		93	70 - 130
1,3-Dichloropropane	10.0	9.47		ug/L		95	70 - 130
2,2-Dichloropropane	10.0	8.52		ug/L		85	66 - 134
1,1-Dichloropropene	10.0	9.27		ug/L		93	65 - 136
Ethylbenzene	10.0	8.63		ug/L		86	70 - 130
Ethylene Dibromide	10.0	9.59		ug/L		96	66 - 130
Hexachlorobutadiene	10.0	8.60		ug/L		86	62 - 143
2-Hexanone	100	76.0		ug/L		76	60 - 148
Isopropylbenzene	10.0	7.57		ug/L		76	62 - 130
4-Isopropyltoluene	10.0	7.25		ug/L		73	65 - 134
Methylene Chloride	10.0	10.4		ug/L		104	57 - 130
4-Methyl-2-pentanone (MIBK)	100	74.4		ug/L		74	64 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163362/4
Matrix: Water
Analysis Batch: 163362

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	10.0	9.48		ug/L		95	67 - 130
Naphthalene	10.0	6.78		ug/L		68	50 - 136
n-Butylbenzene	10.0	7.38		ug/L		74	61 - 131
N-Propylbenzene	10.0	9.26		ug/L		93	67 - 130
o-Xylene	10.0	7.57		ug/L		76	69 - 130
sec-Butylbenzene	10.0	7.41		ug/L		74	68 - 133
Styrene	10.0	8.27		ug/L		83	68 - 131
tert-Butylbenzene	10.0	7.56		ug/L		76	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.17		ug/L		92	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.53		ug/L		95	70 - 130
Tetrachloroethene	10.0	9.18		ug/L		92	50 - 143
Toluene	10.0	9.15		ug/L		91	70 - 131
trans-1,2-Dichloroethene	10.0	9.80		ug/L		98	62 - 139
trans-1,3-Dichloropropene	10.0	9.48		ug/L		95	67 - 130
1,2,3-Trichlorobenzene	10.0	8.02		ug/L		80	58 - 132
1,2,4-Trichlorobenzene	10.0	9.12		ug/L		91	66 - 130
1,1,1-Trichloroethane	10.0	9.13		ug/L		91	63 - 132
1,1,2-Trichloroethane	10.0	8.88		ug/L		89	70 - 130
Trichloroethene	10.0	9.51		ug/L		95	63 - 139
Trichlorofluoromethane	10.0	8.82		ug/L		88	62 - 146
1,2,3-Trichloropropane	10.0	9.07		ug/L		91	66 - 130
1,2,4-Trimethylbenzene	10.0	7.48		ug/L		75	70 - 132
1,3,5-Trimethylbenzene	10.0	7.61		ug/L		76	65 - 134
Vinyl chloride	10.0	9.72		ug/L		97	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 660-163362/5
Matrix: Water
Analysis Batch: 163362

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	80.6		ug/L		81	62 - 142	2	30
Benzene	10.0	10.3		ug/L		103	68 - 134	6	30
Bromobenzene	10.0	10.1		ug/L		101	70 - 130	5	30
Bromoform	10.0	10.2		ug/L		102	65 - 130	8	30
Bromomethane	10.0	12.2		ug/L		122	22 - 150	2	30
2-Butanone (MEK)	100	70.9		ug/L		71	63 - 140	6	30
Carbon disulfide	10.0	9.81		ug/L		98	30 - 150	9	30
Carbon tetrachloride	10.0	10.5		ug/L		105	61 - 134	15	30
Chlorobenzene	10.0	10.2		ug/L		102	70 - 130	7	30
Chlorobromomethane	10.0	10.1		ug/L		101	70 - 130	3	30
Chlorodibromomethane	10.0	10.0		ug/L		100	70 - 130	1	30
Chloroethane	10.0	8.55		ug/L		86	39 - 150	17	30
Chloroform	10.0	9.96		ug/L		100	68 - 130	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163362/5
Matrix: Water
Analysis Batch: 163362

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	10.0	9.05		ug/L		91	35 - 150	14	30
2-Chlorotoluene	10.0	10.1		ug/L		101	70 - 130	9	30
4-Chlorotoluene	10.0	10.5		ug/L		105	70 - 130	6	30
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	66 - 130	6	30
cis-1,3-Dichloropropene	10.0	10.0		ug/L		100	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	10.0	10.3		ug/L		103	63 - 130	2	30
Dibromomethane	10.0	9.85		ug/L		99	70 - 130	3	30
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130	6	30
1,3-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130	5	30
1,4-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130	6	30
Dichlorobromomethane	10.0	10.6		ug/L		106	70 - 130	7	30
Dichlorodifluoromethane	10.0	7.01		ug/L		70	16 - 149	24	30
1,1-Dichloroethane	10.0	10.5		ug/L		105	66 - 130	7	30
1,2-Dichloroethane	10.0	9.88		ug/L		99	70 - 130	1	30
1,1-Dichloroethene	10.0	9.11		ug/L		91	51 - 150	5	30
1,2-Dichloropropane	10.0	9.50		ug/L		95	70 - 130	2	30
1,3-Dichloropropane	10.0	9.62		ug/L		96	70 - 130	2	30
2,2-Dichloropropane	10.0	9.98		ug/L		100	66 - 134	16	30
1,1-Dichloropropene	10.0	9.89		ug/L		99	65 - 136	6	30
Ethylbenzene	10.0	9.85		ug/L		99	70 - 130	13	30
Ethylene Dibromide	10.0	9.74		ug/L		97	66 - 130	2	30
Hexachlorobutadiene	10.0	10.1		ug/L		101	62 - 143	16	30
2-Hexanone	100	71.6		ug/L		72	60 - 148	6	30
Isopropylbenzene	10.0	8.18		ug/L		82	62 - 130	8	30
4-Isopropyltoluene	10.0	7.71		ug/L		77	65 - 134	6	30
Methylene Chloride	10.0	10.2		ug/L		102	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)	100	67.7		ug/L		68	64 - 137	9	30
Methyl tert-butyl ether	10.0	9.59		ug/L		96	67 - 130	1	30
Naphthalene	10.0	6.73		ug/L		67	50 - 136	1	30
n-Butylbenzene	10.0	7.95		ug/L		79	61 - 131	7	30
N-Propylbenzene	10.0	10.0		ug/L		100	67 - 130	8	30
o-Xylene	10.0	8.54		ug/L		85	69 - 130	12	30
sec-Butylbenzene	10.0	8.21		ug/L		82	68 - 133	10	30
Styrene	10.0	8.91		ug/L		89	68 - 131	7	30
tert-Butylbenzene	10.0	8.32		ug/L		83	64 - 130	9	30
1,1,1,2-Tetrachloroethane	10.0	10.1		ug/L		101	70 - 130	10	30
1,1,2,2-Tetrachloroethane	10.0	10.2		ug/L		102	70 - 130	7	30
Tetrachloroethene	10.0	9.73		ug/L		97	50 - 143	6	30
Toluene	10.0	10.0		ug/L		100	70 - 131	9	30
trans-1,2-Dichloroethene	10.0	10.5		ug/L		105	62 - 139	6	30
trans-1,3-Dichloropropene	10.0	9.96		ug/L		100	67 - 130	5	30
1,2,3-Trichlorobenzene	10.0	8.40		ug/L		84	58 - 132	5	30
1,2,4-Trichlorobenzene	10.0	9.20		ug/L		92	66 - 130	1	30
1,1,1-Trichloroethane	10.0	10.1		ug/L		101	63 - 132	10	30
1,1,2-Trichloroethane	10.0	9.41		ug/L		94	70 - 130	6	30
Trichloroethene	10.0	9.61		ug/L		96	63 - 139	1	30
Trichlorofluoromethane	10.0	7.22		ug/L		72	62 - 146	20	30
1,2,3-Trichloropropane	10.0	9.46		ug/L		95	66 - 130	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163362/5
Matrix: Water
Analysis Batch: 163362

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene			10.0	8.07		ug/L		81	70 - 132	8	30
1,3,5-Trimethylbenzene			10.0	8.01		ug/L		80	65 - 134	5	30
Vinyl chloride			10.0	8.76		ug/L		88	48 - 147	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-70273-71 MS
Matrix: Water
Analysis Batch: 163362

Client Sample ID: EW4004_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	81.9		ug/L		82	62 - 142
Benzene	0.50	U	10.0	10.8		ug/L		108	68 - 134
Bromobenzene	0.58	U	10.0	10.0		ug/L		100	70 - 130
Bromoform	0.63	U	10.0	10.1		ug/L		101	65 - 130
Bromomethane	2.5	U	10.0	12.9		ug/L		129	22 - 150
2-Butanone (MEK)	8.4	U	100	71.6		ug/L		72	63 - 140
Carbon disulfide	1.0	U	10.0	10.5		ug/L		105	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.2		ug/L		112	61 - 134
Chlorobenzene	0.63	U	10.0	11.0		ug/L		110	70 - 130
Chlorobromomethane	0.58	U	10.0	10.1		ug/L		101	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.1		ug/L		101	70 - 130
Chloroethane	2.5	U	10.0	11.5		ug/L		115	39 - 150
Chloroform	0.90	U	10.0	10.4		ug/L		104	68 - 130
Chloromethane	1.0	U	10.0	10.1		ug/L		101	35 - 150
2-Chlorotoluene	0.65	U	10.0	10.5		ug/L		105	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.8		ug/L		108	70 - 130
cis-1,2-Dichloroethene	0.75	I	10.0	11.2		ug/L		105	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.91		ug/L		99	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.4		ug/L		104	63 - 130
Dibromomethane	0.46	U	10.0	9.77		ug/L		98	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.6		ug/L		106	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.7		ug/L		107	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.7		ug/L		107	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.6		ug/L		106	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	9.11		ug/L		91	16 - 149
1,1-Dichloroethane	2.6		10.0	13.5		ug/L		108	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.84		ug/L		98	70 - 130
1,1-Dichloroethene	10		10.0	19.0		ug/L		90	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.8		ug/L		108	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.58		ug/L		96	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.8		ug/L		108	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.0		ug/L		110	65 - 136
Ethylbenzene	0.44	U	10.0	10.6		ug/L		106	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.1		ug/L		101	66 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-71 MS
Matrix: Water
Analysis Batch: 163362

Client Sample ID: EW4004_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	0.34	U	10.0	10.8		ug/L		108	62 - 143
2-Hexanone	4.4	U	100	71.9		ug/L		72	60 - 148
Isopropylbenzene	0.52	U	10.0	8.92		ug/L		89	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.61		ug/L		86	65 - 134
Methylene Chloride	4.0	U	10.0	10.3		ug/L		103	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	73.5		ug/L		74	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.13		ug/L		91	67 - 130
Naphthalene	2.5	U	10.0	7.01		ug/L		70	50 - 136
n-Butylbenzene	0.67	U	10.0	9.02		ug/L		90	61 - 131
N-Propylbenzene	0.59	U	10.0	10.8		ug/L		108	67 - 130
o-Xylene	0.50	U	10.0	8.52		ug/L		85	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.94		ug/L		89	68 - 133
Styrene	0.98	U	10.0	9.24		ug/L		92	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.17		ug/L		92	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.2		ug/L		112	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.19		ug/L		92	70 - 130
Tetrachloroethene	0.50	U	10.0	10.8		ug/L		108	50 - 143
Toluene	0.51	U	10.0	10.8		ug/L		108	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	11.2		ug/L		112	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.78		ug/L		98	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.41		ug/L		84	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.85		ug/L		98	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	11.5		ug/L		115	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.19		ug/L		92	70 - 130
Trichloroethene	1.6		10.0	12.7		ug/L		111	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.90		ug/L		99	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.95		ug/L		100	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	8.78		ug/L		88	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	9.12		ug/L		91	65 - 134
Vinyl chloride	0.71	U	10.0	8.83		ug/L		88	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 660-70273-69 DU
Matrix: Water
Analysis Batch: 163362

Client Sample ID: EW4002_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-69 DU
Matrix: Water
Analysis Batch: 163362

Client Sample ID: EW4002_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Carbon tetrachloride	0.43	U		0.43	U	ug/L				NC	30
Chlorobenzene	0.63	U		0.63	U	ug/L				NC	30
Chlorobromomethane	0.58	U		0.58	U	ug/L				NC	30
Chlorodibromomethane	0.31	U		0.31	U	ug/L				NC	30
Chloroethane	2.5	U		2.5	U	ug/L				NC	30
Chloroform	0.90	U		0.90	U	ug/L				NC	30
Chloromethane	1.0	U		1.0	U	ug/L				NC	30
2-Chlorotoluene	0.65	U		0.65	U	ug/L				NC	30
4-Chlorotoluene	0.52	U		0.52	U	ug/L				NC	30
cis-1,2-Dichloroethene	10			9.80		ug/L				2	30
cis-1,3-Dichloropropene	0.39	U		0.39	U	ug/L				NC	30
1,2-Dibromo-3-Chloropropane	2.5	U		2.5	U	ug/L				NC	30
Dibromomethane	0.46	U		0.46	U	ug/L				NC	30
1,2-Dichlorobenzene	0.49	U		0.49	U	ug/L				NC	30
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	3.6			3.51		ug/L				3	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	10			10.6		ug/L				5	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-69 DU
Matrix: Water
Analysis Batch: 163362

Client Sample ID: EW4002_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	16			16.0		ug/L				3	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 660-163404/7
Matrix: Water
Analysis Batch: 163404

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/17/15 11:38	1
Benzene	0.50	U	1.0	0.50	ug/L			11/17/15 11:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/17/15 11:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/17/15 11:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/17/15 11:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/17/15 11:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/17/15 11:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/17/15 11:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/17/15 11:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/17/15 11:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/17/15 11:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/17/15 11:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/17/15 11:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/17/15 11:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/17/15 11:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/17/15 11:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/17/15 11:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/17/15 11:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/17/15 11:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/17/15 11:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/17/15 11:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/17/15 11:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/17/15 11:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/17/15 11:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/17/15 11:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/17/15 11:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/17/15 11:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163404/7
Matrix: Water
Analysis Batch: 163404

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/17/15 11:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/17/15 11:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/17/15 11:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/17/15 11:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/17/15 11:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/17/15 11:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/17/15 11:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/17/15 11:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/17/15 11:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/17/15 11:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/17/15 11:38	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/17/15 11:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/17/15 11:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/17/15 11:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/17/15 11:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/17/15 11:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/17/15 11:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/17/15 11:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/17/15 11:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/17/15 11:38	1
Styrene	0.98	U	2.0	0.98	ug/L			11/17/15 11:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/17/15 11:38	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/17/15 11:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/17/15 11:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/17/15 11:38	1
Toluene	0.51	U	1.0	0.51	ug/L			11/17/15 11:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/17/15 11:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/17/15 11:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/17/15 11:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/17/15 11:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/17/15 11:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/17/15 11:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/17/15 11:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/17/15 11:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/17/15 11:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/17/15 11:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/17/15 11:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/17/15 11:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/17/15 11:38*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*11/17/15 11:38*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*11/17/15 11:38*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163404/4
Matrix: Water
Analysis Batch: 163404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	91.4		ug/L		91	62 - 142
Benzene	10.0	10.4		ug/L		104	68 - 134
Bromobenzene	10.0	10.3		ug/L		103	70 - 130
Bromoform	10.0	10.4		ug/L		104	65 - 130
Bromomethane	10.0	10.2		ug/L		102	22 - 150
2-Butanone (MEK)	100	76.7		ug/L		77	63 - 140
Carbon disulfide	10.0	10.6		ug/L		106	30 - 150
Carbon tetrachloride	10.0	11.1		ug/L		111	61 - 134
Chlorobenzene	10.0	9.97		ug/L		100	70 - 130
Chlorobromomethane	10.0	9.75		ug/L		98	70 - 130
Chlorodibromomethane	10.0	9.73		ug/L		97	70 - 130
Chloroethane	10.0	11.2		ug/L		112	39 - 150
Chloroform	10.0	10.2		ug/L		102	68 - 130
Chloromethane	10.0	11.0		ug/L		110	35 - 150
2-Chlorotoluene	10.0	10.5		ug/L		105	70 - 130
4-Chlorotoluene	10.0	10.5		ug/L		105	70 - 130
cis-1,2-Dichloroethene	10.0	10.7		ug/L		107	66 - 130
cis-1,3-Dichloropropene	10.0	10.0		ug/L		100	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.5		ug/L		105	63 - 130
Dibromomethane	10.0	9.80		ug/L		98	70 - 130
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,3-Dichlorobenzene	10.0	10.7		ug/L		107	70 - 130
1,4-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
Dichlorobromomethane	10.0	10.8		ug/L		108	70 - 130
Dichlorodifluoromethane	10.0	11.1		ug/L		111	16 - 149
1,1-Dichloroethane	10.0	11.0		ug/L		110	66 - 130
1,2-Dichloroethane	10.0	10.3		ug/L		103	70 - 130
1,1-Dichloroethene	10.0	9.91		ug/L		99	51 - 150
1,2-Dichloropropane	10.0	10.2		ug/L		102	70 - 130
1,3-Dichloropropane	10.0	9.65		ug/L		97	70 - 130
2,2-Dichloropropane	10.0	10.5		ug/L		105	66 - 134
1,1-Dichloropropene	10.0	10.7		ug/L		107	65 - 136
Ethylbenzene	10.0	9.81		ug/L		98	70 - 130
Ethylene Dibromide	10.0	9.66		ug/L		97	66 - 130
Hexachlorobutadiene	10.0	10.3		ug/L		103	62 - 143
2-Hexanone	100	72.8		ug/L		73	60 - 148
Isopropylbenzene	10.0	8.63		ug/L		86	62 - 130
4-Isopropyltoluene	10.0	8.24		ug/L		82	65 - 134
Methylene Chloride	10.0	10.1		ug/L		101	57 - 130
4-Methyl-2-pentanone (MIBK)	100	72.3		ug/L		72	64 - 137
Methyl tert-butyl ether	10.0	9.60		ug/L		96	67 - 130
Naphthalene	10.0	6.88		ug/L		69	50 - 136
n-Butylbenzene	10.0	8.56		ug/L		86	61 - 131
N-Propylbenzene	10.0	10.3		ug/L		103	67 - 130
o-Xylene	10.0	8.04		ug/L		80	69 - 130
sec-Butylbenzene	10.0	8.87		ug/L		89	68 - 133
Styrene	10.0	8.64		ug/L		86	68 - 131
tert-Butylbenzene	10.0	9.04		ug/L		90	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163404/4
Matrix: Water
Analysis Batch: 163404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	10.3		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.94		ug/L		99	70 - 130
Tetrachloroethene	10.0	10.5		ug/L		105	50 - 143
Toluene	10.0	10.2		ug/L		102	70 - 131
trans-1,2-Dichloroethene	10.0	10.5		ug/L		105	62 - 139
trans-1,3-Dichloropropene	10.0	10.3		ug/L		103	67 - 130
1,2,3-Trichlorobenzene	10.0	8.19		ug/L		82	58 - 132
1,2,4-Trichlorobenzene	10.0	9.77		ug/L		98	66 - 130
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	63 - 132
1,1,2-Trichloroethane	10.0	9.20		ug/L		92	70 - 130
Trichloroethene	10.0	10.1		ug/L		101	63 - 139
Trichlorofluoromethane	10.0	10.5		ug/L		105	62 - 146
1,2,3-Trichloropropane	10.0	10.4		ug/L		104	66 - 130
1,2,4-Trimethylbenzene	10.0	8.59		ug/L		86	70 - 132
1,3,5-Trimethylbenzene	10.0	8.69		ug/L		87	65 - 134
Vinyl chloride	10.0	11.5		ug/L		115	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 660-163404/5
Matrix: Water
Analysis Batch: 163404

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	83.4		ug/L		83	62 - 142	9	30
Benzene	10.0	10.7		ug/L		107	68 - 134	2	30
Bromobenzene	10.0	10.7		ug/L		107	70 - 130	4	30
Bromoform	10.0	10.6		ug/L		106	65 - 130	2	30
Bromomethane	10.0	8.63		ug/L		86	22 - 150	16	30
2-Butanone (MEK)	100	76.6		ug/L		77	63 - 140	0	30
Carbon disulfide	10.0	9.46		ug/L		95	30 - 150	12	30
Carbon tetrachloride	10.0	9.96		ug/L		100	61 - 134	11	30
Chlorobenzene	10.0	10.3		ug/L		103	70 - 130	4	30
Chlorobromomethane	10.0	10.2		ug/L		102	70 - 130	4	30
Chlorodibromomethane	10.0	10.7		ug/L		107	70 - 130	9	30
Chloroethane	10.0	8.87		ug/L		89	39 - 150	23	30
Chloroform	10.0	10.2		ug/L		102	68 - 130	0	30
Chloromethane	10.0	8.44		ug/L		84	35 - 150	26	30
2-Chlorotoluene	10.0	10.4		ug/L		104	70 - 130	1	30
4-Chlorotoluene	10.0	11.1		ug/L		111	70 - 130	6	30
cis-1,2-Dichloroethene	10.0	9.99		ug/L		100	66 - 130	7	30
cis-1,3-Dichloropropene	10.0	10.4		ug/L		104	70 - 130	4	30
1,2-Dibromo-3-Chloropropane	10.0	10.5		ug/L		105	63 - 130	0	30
Dibromomethane	10.0	11.2		ug/L		112	70 - 130	13	30
1,2-Dichlorobenzene	10.0	11.0		ug/L		110	70 - 130	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163404/5
Matrix: Water
Analysis Batch: 163404

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene			10.0	10.9		ug/L		109	70 - 130	1	30
1,4-Dichlorobenzene			10.0	11.0		ug/L		110	70 - 130	9	30
Dichlorobromomethane			10.0	11.1		ug/L		111	70 - 130	3	30
Dichlorodifluoromethane			10.0	6.53	J3	ug/L		65	16 - 149	52	30
1,1-Dichloroethane			10.0	10.7		ug/L		107	66 - 130	3	30
1,2-Dichloroethane			10.0	10.2		ug/L		102	70 - 130	1	30
1,1-Dichloroethene			10.0	8.52		ug/L		85	51 - 150	15	30
1,2-Dichloropropane			10.0	10.4		ug/L		104	70 - 130	2	30
1,3-Dichloropropane			10.0	10.1		ug/L		101	70 - 130	5	30
2,2-Dichloropropane			10.0	9.72		ug/L		97	66 - 134	8	30
1,1-Dichloropropene			10.0	9.43		ug/L		94	65 - 136	13	30
Ethylbenzene			10.0	9.58		ug/L		96	70 - 130	2	30
Ethylene Dibromide			10.0	10.5		ug/L		105	66 - 130	8	30
Hexachlorobutadiene			10.0	10.1		ug/L		101	62 - 143	2	30
2-Hexanone			100	71.5		ug/L		71	60 - 148	2	30
Isopropylbenzene			10.0	8.35		ug/L		84	62 - 130	3	30
4-Isopropyltoluene			10.0	8.16		ug/L		82	65 - 134	1	30
Methylene Chloride			10.0	10.6		ug/L		106	57 - 130	4	30
4-Methyl-2-pentanone (MIBK)			100	72.4		ug/L		72	64 - 137	0	30
Methyl tert-butyl ether			10.0	9.82		ug/L		98	67 - 130	2	30
Naphthalene			10.0	7.56		ug/L		76	50 - 136	9	30
n-Butylbenzene			10.0	8.27		ug/L		83	61 - 131	4	30
N-Propylbenzene			10.0	10.4		ug/L		104	67 - 130	1	30
o-Xylene			10.0	8.59		ug/L		86	69 - 130	7	30
sec-Butylbenzene			10.0	8.41		ug/L		84	68 - 133	5	30
Styrene			10.0	9.17		ug/L		92	68 - 131	6	30
tert-Butylbenzene			10.0	8.31		ug/L		83	64 - 130	8	30
1,1,1,2-Tetrachloroethane			10.0	10.6		ug/L		106	70 - 130	3	30
1,1,2,2-Tetrachloroethane			10.0	10.3		ug/L		103	70 - 130	3	30
Tetrachloroethene			10.0	10.2		ug/L		102	50 - 143	2	30
Toluene			10.0	10.4		ug/L		104	70 - 131	2	30
trans-1,2-Dichloroethene			10.0	9.99		ug/L		100	62 - 139	5	30
trans-1,3-Dichloropropene			10.0	11.2		ug/L		112	67 - 130	9	30
1,2,3-Trichlorobenzene			10.0	9.05		ug/L		90	58 - 132	10	30
1,2,4-Trichlorobenzene			10.0	10.8		ug/L		108	66 - 130	10	30
1,1,1-Trichloroethane			10.0	10.2		ug/L		102	63 - 132	6	30
1,1,2-Trichloroethane			10.0	10.1		ug/L		101	70 - 130	9	30
Trichloroethene			10.0	9.90		ug/L		99	63 - 139	2	30
Trichlorofluoromethane			10.0	7.01	J3	ug/L		70	62 - 146	40	30
1,2,3-Trichloropropane			10.0	9.90		ug/L		99	66 - 130	5	30
1,2,4-Trimethylbenzene			10.0	8.76		ug/L		88	70 - 132	2	30
1,3,5-Trimethylbenzene			10.0	8.66		ug/L		87	65 - 134	0	30
Vinyl chloride			10.0	7.97	J3	ug/L		80	48 - 147	37	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-70273-67 MS
Matrix: Water
Analysis Batch: 163404

Client Sample ID: EW3027_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	U	2500	2140		ug/L		85	62 - 142
Benzene	13	U	250	289		ug/L		116	68 - 134
Bromobenzene	15	U	250	272		ug/L		109	70 - 130
Bromoform	16	U	250	277		ug/L		111	65 - 130
Bromomethane	63	U	250	281		ug/L		112	22 - 150
2-Butanone (MEK)	210	U	2500	1920		ug/L		77	63 - 140
Carbon disulfide	25	U	250	269		ug/L		108	30 - 150
Carbon tetrachloride	11	U	250	286		ug/L		115	61 - 134
Chlorobenzene	16	U	250	266		ug/L		107	70 - 130
Chlorobromomethane	15	U	250	283		ug/L		113	70 - 130
Chlorodibromomethane	7.8	U	250	284		ug/L		114	70 - 130
Chloroethane	63	U	250	281		ug/L		112	39 - 150
Chloroform	23	U	250	280		ug/L		112	68 - 130
Chloromethane	25	U	250	293		ug/L		117	35 - 150
2-Chlorotoluene	16	U	250	278		ug/L		111	70 - 130
4-Chlorotoluene	13	U	250	292		ug/L		117	70 - 130
cis-1,2-Dichloroethene	39		250	321		ug/L		113	66 - 130
cis-1,3-Dichloropropene	9.8	U	250	277		ug/L		111	70 - 130
1,2-Dibromo-3-Chloropropane	63	U	250	246		ug/L		99	63 - 130
Dibromomethane	12	U	250	278		ug/L		111	70 - 130
1,2-Dichlorobenzene	12	U	250	285		ug/L		114	70 - 130
1,3-Dichlorobenzene	16	U	250	285		ug/L		114	70 - 130
1,4-Dichlorobenzene	15	U	250	276		ug/L		110	70 - 130
Dichlorobromomethane	11	U	250	298		ug/L		119	70 - 130
Dichlorodifluoromethane	63	U J3	250	305		ug/L		122	16 - 149
1,1-Dichloroethane	13	U	250	306		ug/L		122	66 - 130
1,2-Dichloroethane	14	U	250	279		ug/L		112	70 - 130
1,1-Dichloroethene	30		250	280		ug/L		100	51 - 150
1,2-Dichloropropane	13	U	250	280		ug/L		112	70 - 130
1,3-Dichloropropane	11	U	250	282		ug/L		113	70 - 130
2,2-Dichloropropane	9.0	U	250	285		ug/L		114	66 - 134
1,1-Dichloropropene	16	U	250	288		ug/L		115	65 - 136
Ethylbenzene	11	U	250	276		ug/L		110	70 - 130
Ethylene Dibromide	13	U	250	265		ug/L		106	66 - 130
Hexachlorobutadiene	8.5	U	250	276		ug/L		111	62 - 143
2-Hexanone	110	U	2500	1840		ug/L		74	60 - 148
Isopropylbenzene	13	U	250	229		ug/L		92	62 - 130
4-Isopropyltoluene	17	U	250	218		ug/L		87	65 - 134
Methylene Chloride	100	U	250	281		ug/L		112	57 - 130
4-Methyl-2-pentanone (MIBK)	100	U	2500	1970		ug/L		79	64 - 137
Methyl tert-butyl ether	11	U	250	272		ug/L		109	67 - 130
Naphthalene	63	U	250	189		ug/L		76	50 - 136
n-Butylbenzene	17	U	250	220		ug/L		88	61 - 131
N-Propylbenzene	15	U	250	271		ug/L		108	67 - 130
o-Xylene	13	U	250	228		ug/L		91	69 - 130
sec-Butylbenzene	16	U	250	232		ug/L		93	68 - 133
Styrene	25	U	250	233		ug/L		93	68 - 131
tert-Butylbenzene	21	U	250	239		ug/L		96	64 - 130
1,1,1,2-Tetrachloroethane	16	U	250	281		ug/L		112	70 - 130
1,1,2,2-Tetrachloroethane	4.3	U	250	266		ug/L		106	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-67 MS
Matrix: Water
Analysis Batch: 163404

Client Sample ID: EW3027_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	85		250	350		ug/L		106	50 - 143
Toluene	13	U	250	278		ug/L		111	70 - 131
trans-1,2-Dichloroethene	17	U	250	286		ug/L		114	62 - 139
trans-1,3-Dichloropropene	6.8	U	250	281		ug/L		113	67 - 130
1,2,3-Trichlorobenzene	19	U	250	224		ug/L		89	58 - 132
1,2,4-Trichlorobenzene	15	U	250	259		ug/L		104	66 - 130
1,1,1-Trichloroethane	12	U	250	293		ug/L		117	63 - 132
1,1,2-Trichloroethane	12	U	250	264		ug/L		106	70 - 130
Trichloroethene	540		250	785		ug/L		98	63 - 139
Trichlorofluoromethane	63	U J3	250	278		ug/L		111	62 - 146
1,2,3-Trichloropropane	11	U	250	267		ug/L		107	66 - 130
1,2,4-Trimethylbenzene	22	U	250	225		ug/L		90	70 - 132
1,3,5-Trimethylbenzene	14	U	250	231		ug/L		93	65 - 134
Vinyl chloride	18	U J3	250	289		ug/L		116	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 660-70273-67 MSD
Matrix: Water
Analysis Batch: 163404

Client Sample ID: EW3027_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	U	2500	1950		ug/L		78	62 - 142	9	30
Benzene	13	U	250	272		ug/L		109	68 - 134	6	30
Bromobenzene	15	U	250	268		ug/L		107	70 - 130	2	30
Bromoform	16	U	250	258		ug/L		103	65 - 130	7	30
Bromomethane	63	U	250	265		ug/L		106	22 - 150	6	30
2-Butanone (MEK)	210	U	2500	1750		ug/L		70	63 - 140	9	30
Carbon disulfide	25	U	250	254		ug/L		101	30 - 150	6	30
Carbon tetrachloride	11	U	250	263		ug/L		105	61 - 134	8	30
Chlorobenzene	16	U	250	250		ug/L		100	70 - 130	6	30
Chlorobromomethane	15	U	250	281		ug/L		112	70 - 130	1	30
Chlorodibromomethane	7.8	U	250	268		ug/L		107	70 - 130	6	30
Chloroethane	63	U	250	254		ug/L		102	39 - 150	10	30
Chloroform	23	U	250	267		ug/L		107	68 - 130	5	30
Chloromethane	25	U	250	270		ug/L		108	35 - 150	8	30
2-Chlorotoluene	16	U	250	268		ug/L		107	70 - 130	4	30
4-Chlorotoluene	13	U	250	272		ug/L		109	70 - 130	7	30
cis-1,2-Dichloroethene	39		250	300		ug/L		104	66 - 130	7	30
cis-1,3-Dichloropropene	9.8	U	250	270		ug/L		108	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	63	U	250	266		ug/L		106	63 - 130	8	30
Dibromomethane	12	U	250	277		ug/L		111	70 - 130	0	30
1,2-Dichlorobenzene	12	U	250	260		ug/L		104	70 - 130	9	30
1,3-Dichlorobenzene	16	U	250	273		ug/L		109	70 - 130	4	30
1,4-Dichlorobenzene	15	U	250	260		ug/L		104	70 - 130	6	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70273-67 MSD
Matrix: Water
Analysis Batch: 163404

Client Sample ID: EW3027_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	11	U	250	281		ug/L		112	70 - 130	6	30
Dichlorodifluoromethane	63	U J3	250	271		ug/L		108	16 - 149	12	30
1,1-Dichloroethane	13	U	250	288		ug/L		115	66 - 130	6	30
1,2-Dichloroethane	14	U	250	276		ug/L		110	70 - 130	1	30
1,1-Dichloroethene	30		250	270		ug/L		96	51 - 150	3	30
1,2-Dichloropropane	13	U	250	282		ug/L		113	70 - 130	1	30
1,3-Dichloropropane	11	U	250	262		ug/L		105	70 - 130	7	30
2,2-Dichloropropane	9.0	U	250	259		ug/L		103	66 - 134	10	30
1,1-Dichloropropene	16	U	250	267		ug/L		107	65 - 136	7	30
Ethylbenzene	11	U	250	269		ug/L		108	70 - 130	2	30
Ethylene Dibromide	13	U	250	250		ug/L		100	66 - 130	6	30
Hexachlorobutadiene	8.5	U	250	256		ug/L		103	62 - 143	7	30
2-Hexanone	110	U	2500	1760		ug/L		71	60 - 148	4	30
Isopropylbenzene	13	U	250	219		ug/L		88	62 - 130	4	30
4-Isopropyltoluene	17	U	250	212		ug/L		85	65 - 134	3	30
Methylene Chloride	100	U	250	268		ug/L		107	57 - 130	5	30
4-Methyl-2-pentanone (MIBK)	100	U	2500	1830		ug/L		73	64 - 137	8	30
Methyl tert-butyl ether	11	U	250	246		ug/L		98	67 - 130	10	30
Naphthalene	63	U	250	180		ug/L		72	50 - 136	5	30
n-Butylbenzene	17	U	250	209		ug/L		84	61 - 131	5	30
N-Propylbenzene	15	U	250	261		ug/L		104	67 - 130	4	30
o-Xylene	13	U	250	222		ug/L		89	69 - 130	3	30
sec-Butylbenzene	16	U	250	220		ug/L		88	68 - 133	5	30
Styrene	25	U	250	234		ug/L		94	68 - 131	0	30
tert-Butylbenzene	21	U	250	220		ug/L		88	64 - 130	8	30
1,1,1,2-Tetrachloroethane	16	U	250	246		ug/L		98	70 - 130	13	30
1,1,2,2-Tetrachloroethane	4.3	U	250	252		ug/L		101	70 - 130	5	30
Tetrachloroethene	85		250	322		ug/L		95	50 - 143	8	30
Toluene	13	U	250	271		ug/L		108	70 - 131	2	30
trans-1,2-Dichloroethene	17	U	250	274		ug/L		109	62 - 139	4	30
trans-1,3-Dichloropropene	6.8	U	250	267		ug/L		107	67 - 130	5	30
1,2,3-Trichlorobenzene	19	U	250	223		ug/L		89	58 - 132	0	30
1,2,4-Trichlorobenzene	15	U	250	260		ug/L		104	66 - 130	0	30
1,1,1-Trichloroethane	12	U	250	277		ug/L		111	63 - 132	6	30
1,1,2-Trichloroethane	12	U	250	236		ug/L		94	70 - 130	11	30
Trichloroethene	540		250	744		ug/L		82	63 - 139	5	30
Trichlorofluoromethane	63	U J3	250	254		ug/L		102	62 - 146	9	30
1,2,3-Trichloropropane	11	U	250	272		ug/L		109	66 - 130	2	30
1,2,4-Trimethylbenzene	22	U	250	213		ug/L		85	70 - 132	5	30
1,3,5-Trimethylbenzene	14	U	250	211		ug/L		84	65 - 134	9	30
Vinyl chloride	18	U J3	250	273		ug/L		109	48 - 147	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-163222/7
Matrix: Water
Analysis Batch: 163222

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/11/15 13:19	1

Lab Sample ID: LCS 660-163222/4
Matrix: Water
Analysis Batch: 163222

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.81		ug/L		88	50 - 150

Lab Sample ID: LCSD 660-163222/5
Matrix: Water
Analysis Batch: 163222

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	7.75		ug/L		78	50 - 150	13	50

Lab Sample ID: 660-70273-1 MS
Matrix: Water
Analysis Batch: 163222

Client Sample ID: EW2001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	9.50		ug/L		95	50 - 150

Lab Sample ID: 660-70273-1 MSD
Matrix: Water
Analysis Batch: 163222

Client Sample ID: EW2001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	9.28		ug/L		93	50 - 150	2	50

Lab Sample ID: MB 660-163269/7
Matrix: Water
Analysis Batch: 163269

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/12/15 13:21	1

Lab Sample ID: LCS 660-163269/4
Matrix: Water
Analysis Batch: 163269

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.14		ug/L		81	50 - 150

Lab Sample ID: LCSD 660-163269/5
Matrix: Water
Analysis Batch: 163269

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	7.92		ug/L		79	50 - 150	3	50

Lab Sample ID: 660-70273-20 MS
Matrix: Water
Analysis Batch: 163269

Client Sample ID: EW2020_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	7.29		ug/L		73	50 - 150

Lab Sample ID: 660-70273-20 MSD
Matrix: Water
Analysis Batch: 163269

Client Sample ID: EW2020_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	7.75		ug/L		78	50 - 150	6	50

Lab Sample ID: MB 660-163319/7
Matrix: Water
Analysis Batch: 163319

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/13/15 13:12	1

Lab Sample ID: LCS 660-163319/4
Matrix: Water
Analysis Batch: 163319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.35		ug/L		83	50 - 150

Lab Sample ID: LCSD 660-163319/5
Matrix: Water
Analysis Batch: 163319

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	7.36		ug/L		74	50 - 150	13	50

Lab Sample ID: 660-70273-41 MS
Matrix: Water
Analysis Batch: 163319

Client Sample ID: EW3001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	23		10.0	35.1		ug/L		119	50 - 150

Lab Sample ID: 660-70273-41 MSD
Matrix: Water
Analysis Batch: 163319

Client Sample ID: EW3001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	23		10.0	28.8		ug/L		57	50 - 150	20	50

Lab Sample ID: MB 660-163371/7
Matrix: Water
Analysis Batch: 163371

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/16/15 13:23	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163371/4
Matrix: Water
Analysis Batch: 163371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.66		ug/L		87	50 - 150

Lab Sample ID: LCSD 660-163371/5
Matrix: Water
Analysis Batch: 163371

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	9.75		ug/L		98	50 - 150	12	50

Lab Sample ID: 660-70273-64 MS
Matrix: Water
Analysis Batch: 163371

Client Sample ID: EW3024_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	15		10.0	27.9		ug/L		125	50 - 150

Lab Sample ID: 660-70273-64 MSD
Matrix: Water
Analysis Batch: 163371

Client Sample ID: EW3024_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	15		10.0	25.7		ug/L		103	50 - 150	8	50

Lab Sample ID: MB 660-163412/7
Matrix: Water
Analysis Batch: 163412

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/17/15 12:50	1

Lab Sample ID: LCS 660-163412/4
Matrix: Water
Analysis Batch: 163412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	9.17		ug/L		92	50 - 150

Lab Sample ID: LCSD 660-163412/5
Matrix: Water
Analysis Batch: 163412

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	8.53		ug/L		85	50 - 150	7	50

Lab Sample ID: 660-70401-K-4 MS
Matrix: Water
Analysis Batch: 163412

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.8	I	10.0	11.2		ug/L		94	50 - 150

QC Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Lab Sample ID: 660-70401-K-4 MSD
Matrix: Water
Analysis Batch: 163412

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.8	I	10.0	9.38		ug/L		76	50 - 150	18	50

GC/MS VOA

Analysis Batch: 163222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-1	EW2001_INF	Total/NA	Water	8260C SIM	
660-70273-1 MS	EW2001_INF	Total/NA	Water	8260C SIM	
660-70273-1 MSD	EW2001_INF	Total/NA	Water	8260C SIM	
660-70273-2	EW2002_INF	Total/NA	Water	8260C SIM	
660-70273-3	EW2003_INF	Total/NA	Water	8260C SIM	
660-70273-4	EW2004_INF	Total/NA	Water	8260C SIM	
660-70273-5	EW2005_INF	Total/NA	Water	8260C SIM	
660-70273-6	EW2006_INF	Total/NA	Water	8260C SIM	
660-70273-7	EW2007_INF	Total/NA	Water	8260C SIM	
660-70273-8	EW2008_INF	Total/NA	Water	8260C SIM	
660-70273-9	EW2009_INF	Total/NA	Water	8260C SIM	
660-70273-10	EW2010_INF	Total/NA	Water	8260C SIM	
660-70273-11	EW2011_INF	Total/NA	Water	8260C SIM	
660-70273-12	EW2012_INF	Total/NA	Water	8260C SIM	
660-70273-13	EW2013_INF	Total/NA	Water	8260C SIM	
660-70273-14	EW2014_INF	Total/NA	Water	8260C SIM	
660-70273-15	EW2015_INF	Total/NA	Water	8260C SIM	
660-70273-16	EW2016_INF	Total/NA	Water	8260C SIM	
660-70273-17	EW2017_INF	Total/NA	Water	8260C SIM	
660-70273-18	EW2018_INF	Total/NA	Water	8260C SIM	
660-70273-19	EW2019_INF	Total/NA	Water	8260C SIM	
LCS 660-163222/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-163222/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-163222/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 163224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-1	EW2001_INF	Total/NA	Water	8260B	
660-70273-2	EW2002_INF	Total/NA	Water	8260B	
660-70273-3	EW2003_INF	Total/NA	Water	8260B	
660-70273-4	EW2004_INF	Total/NA	Water	8260B	
660-70273-5	EW2005_INF	Total/NA	Water	8260B	
660-70273-6	EW2006_INF	Total/NA	Water	8260B	
660-70273-7	EW2007_INF	Total/NA	Water	8260B	
660-70273-8	EW2008_INF	Total/NA	Water	8260B	
660-70293-B-1 DU	Duplicate	Total/NA	Water	8260B	
660-70293-C-1 MS	Matrix Spike	Total/NA	Water	8260B	
LCS 660-163224/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-163224/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-163224/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 163250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-9	EW2009_INF	Total/NA	Water	8260B	
660-70273-9 DU	EW2009_INF	Total/NA	Water	8260B	
660-70273-10	EW2010_INF	Total/NA	Water	8260B	
660-70273-10 MS	EW2010_INF	Total/NA	Water	8260B	
660-70273-11	EW2011_INF	Total/NA	Water	8260B	
660-70273-12	EW2012_INF	Total/NA	Water	8260B	
660-70273-13	EW2013_INF	Total/NA	Water	8260B	
660-70273-14	EW2014_INF	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 163250 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-15	EW2015_INF	Total/NA	Water	8260B	
660-70273-16	EW2016_INF	Total/NA	Water	8260B	
660-70273-17	EW2017_INF	Total/NA	Water	8260B	
660-70273-18	EW2018_INF	Total/NA	Water	8260B	
660-70273-19	EW2019_INF	Total/NA	Water	8260B	
660-70273-20	EW2020_INF	Total/NA	Water	8260B	
660-70273-21	EW2021_INF	Total/NA	Water	8260B	
660-70273-22	EW2022_INF	Total/NA	Water	8260B	
660-70273-23	EW2023_INF	Total/NA	Water	8260B	
LCS 660-163250/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-163250/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-163250/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 163269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-20	EW2020_INF	Total/NA	Water	8260C SIM	
660-70273-20 MS	EW2020_INF	Total/NA	Water	8260C SIM	
660-70273-20 MSD	EW2020_INF	Total/NA	Water	8260C SIM	
660-70273-21	EW2021_INF	Total/NA	Water	8260C SIM	
660-70273-22	EW2022_INF	Total/NA	Water	8260C SIM	
660-70273-23	EW2023_INF	Total/NA	Water	8260C SIM	
660-70273-24	EW2024_INF	Total/NA	Water	8260C SIM	
660-70273-25	EW2025_INF	Total/NA	Water	8260C SIM	
660-70273-26	EW2026_INF	Total/NA	Water	8260C SIM	
660-70273-27	EW2027_INF	Total/NA	Water	8260C SIM	
660-70273-28	EW2028_INF	Total/NA	Water	8260C SIM	
660-70273-29	EW2029_INF	Total/NA	Water	8260C SIM	
660-70273-30	EW2030_INF	Total/NA	Water	8260C SIM	
660-70273-31	EW2031_INF	Total/NA	Water	8260C SIM	
660-70273-32	EW2032_INF	Total/NA	Water	8260C SIM	
660-70273-33	EW2033_INF	Total/NA	Water	8260C SIM	
660-70273-34	EW2034_INF	Total/NA	Water	8260C SIM	
660-70273-35	EW2036_INF	Total/NA	Water	8260C SIM	
660-70273-36	EW2037_INF	Total/NA	Water	8260C SIM	
660-70273-37	EW2101_INF	Total/NA	Water	8260C SIM	
660-70273-38	EW2102_INF	Total/NA	Water	8260C SIM	
660-70273-39	EW2103_INF	Total/NA	Water	8260C SIM	
LCS 660-163269/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-163269/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-163269/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 163303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-30	EW2030_INF	Total/NA	Water	8260B	
660-70273-30 DU	EW2030_INF	Total/NA	Water	8260B	
660-70273-31	EW2031_INF	Total/NA	Water	8260B	
660-70273-31 MS	EW2031_INF	Total/NA	Water	8260B	
660-70273-32	EW2032_INF	Total/NA	Water	8260B	
660-70273-33 - DL	EW2033_INF	Total/NA	Water	8260B	
660-70273-33	EW2033_INF	Total/NA	Water	8260B	
660-70273-38	EW2102_INF	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 163303 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-39	EW2103_INF	Total/NA	Water	8260B	
660-70273-40	EW2104_INF	Total/NA	Water	8260B	
660-70273-41	EW3001_INF	Total/NA	Water	8260B	
660-70273-42	EW3002_INF	Total/NA	Water	8260B	
660-70273-43	EW3003_INF	Total/NA	Water	8260B	
660-70273-44	EW3004_INF	Total/NA	Water	8260B	
660-70273-49 - DL	EW3009_INF	Total/NA	Water	8260B	
660-70273-49	EW3009_INF	Total/NA	Water	8260B	
LCS 660-163303/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-163303/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-163303/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 163306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-24	EW2024_INF	Total/NA	Water	8260B	
660-70273-25	EW2025_INF	Total/NA	Water	8260B	
660-70273-25 DU	EW2025_INF	Total/NA	Water	8260B	
660-70273-26	EW2026_INF	Total/NA	Water	8260B	
660-70273-26 MS	EW2026_INF	Total/NA	Water	8260B	
660-70273-27	EW2027_INF	Total/NA	Water	8260B	
660-70273-28	EW2028_INF	Total/NA	Water	8260B	
660-70273-34	EW2034_INF	Total/NA	Water	8260B	
660-70273-35	EW2036_INF	Total/NA	Water	8260B	
660-70273-36	EW2037_INF	Total/NA	Water	8260B	
660-70273-37	EW2101_INF	Total/NA	Water	8260B	
660-70273-45 - DL	EW3005_INF	Total/NA	Water	8260B	
660-70273-45	EW3005_INF	Total/NA	Water	8260B	
660-70273-46 - DL	EW3006_INF	Total/NA	Water	8260B	
660-70273-46	EW3006_INF	Total/NA	Water	8260B	
660-70273-47	EW3007_INF	Total/NA	Water	8260B	
660-70273-48	EW3008_INF	Total/NA	Water	8260B	
LCS 660-163306/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-163306/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-163306/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 163319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-40	EW2104_INF	Total/NA	Water	8260C SIM	
660-70273-41	EW3001_INF	Total/NA	Water	8260C SIM	
660-70273-41 MS	EW3001_INF	Total/NA	Water	8260C SIM	
660-70273-41 MSD	EW3001_INF	Total/NA	Water	8260C SIM	
660-70273-42	EW3002_INF	Total/NA	Water	8260C SIM	
660-70273-43	EW3003_INF	Total/NA	Water	8260C SIM	
660-70273-44	EW3004_INF	Total/NA	Water	8260C SIM	
660-70273-45	EW3005_INF	Total/NA	Water	8260C SIM	
660-70273-46	EW3006_INF	Total/NA	Water	8260C SIM	
660-70273-47	EW3007_INF	Total/NA	Water	8260C SIM	
660-70273-48	EW3008_INF	Total/NA	Water	8260C SIM	
660-70273-49	EW3009_INF	Total/NA	Water	8260C SIM	
660-70273-50	EW3010_INF	Total/NA	Water	8260C SIM	
660-70273-51	EW3011_INF	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 163319 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-52	EW3012_INF	Total/NA	Water	8260C SIM	
660-70273-53	EW3013_INF	Total/NA	Water	8260C SIM	
660-70273-54	EW3014_INF	Total/NA	Water	8260C SIM	
660-70273-55	EW3015_INF	Total/NA	Water	8260C SIM	
660-70273-56	EW3016_INF	Total/NA	Water	8260C SIM	
660-70273-57	EW3017_INF	Total/NA	Water	8260C SIM	
660-70273-58	EW3018_INF	Total/NA	Water	8260C SIM	
660-70273-59	EW3019_INF	Total/NA	Water	8260C SIM	
LCS 660-163319/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-163319/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-163319/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 163352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-28 - DL	EW2028_INF	Total/NA	Water	8260B	
660-70273-28 MS	EW2028_INF	Total/NA	Water	8260B	
660-70273-28 MSD	EW2028_INF	Total/NA	Water	8260B	
660-70273-29	EW2029_INF	Total/NA	Water	8260B	
660-70273-50 - DL	EW3010_INF	Total/NA	Water	8260B	
660-70273-50	EW3010_INF	Total/NA	Water	8260B	
660-70273-51 - DL	EW3011_INF	Total/NA	Water	8260B	
660-70273-51	EW3011_INF	Total/NA	Water	8260B	
660-70273-52 - DL	EW3012_INF	Total/NA	Water	8260B	
660-70273-52	EW3012_INF	Total/NA	Water	8260B	
660-70273-53 - DL	EW3013_INF	Total/NA	Water	8260B	
660-70273-53	EW3013_INF	Total/NA	Water	8260B	
660-70273-54	EW3014_INF	Total/NA	Water	8260B	
660-70273-55 - DL	EW3015_INF	Total/NA	Water	8260B	
660-70273-55	EW3015_INF	Total/NA	Water	8260B	
660-70273-56 - DL	EW3016_INF	Total/NA	Water	8260B	
660-70273-56	EW3016_INF	Total/NA	Water	8260B	
660-70273-57 - DL	EW3017_INF	Total/NA	Water	8260B	
660-70273-57	EW3017_INF	Total/NA	Water	8260B	
660-70273-58	EW3018_INF	Total/NA	Water	8260B	
LCS 660-163352/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-163352/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-163352/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 163358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-61 - DL	EW3021_INF	Total/NA	Water	8260B	
660-70273-61	EW3021_INF	Total/NA	Water	8260B	
660-70273-62	EW3022_INF	Total/NA	Water	8260B	
660-70273-62 MS	EW3022_INF	Total/NA	Water	8260B	
660-70273-65	EW3025_INF	Total/NA	Water	8260B	
660-70273-65 - DL	EW3025_INF	Total/NA	Water	8260B	
660-70273-67 - DL	EW3027_INF	Total/NA	Water	8260B	
660-70273-67	EW3027_INF	Total/NA	Water	8260B	
660-70273-68	EW4001_INF	Total/NA	Water	8260B	
660-70273-68 DU	EW4001_INF	Total/NA	Water	8260B	
660-70273-70 - DL	EW4003_INF	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 163358 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-76	EW4009_INF	Total/NA	Water	8260B	
660-70273-77	EW4010_INF	Total/NA	Water	8260B	
660-70273-78	EW4011_INF	Total/NA	Water	8260B	
660-70273-79	EW5001_INF	Total/NA	Water	8260B	
LCS 660-163358/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-163358/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-163358/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 163362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-59 - DL	EW3019_INF	Total/NA	Water	8260B	
660-70273-59	EW3019_INF	Total/NA	Water	8260B	
660-70273-60 - DL	EW3020_INF	Total/NA	Water	8260B	
660-70273-60	EW3020_INF	Total/NA	Water	8260B	
660-70273-63 - DL	EW3023_INF	Total/NA	Water	8260B	
660-70273-63	EW3023_INF	Total/NA	Water	8260B	
660-70273-64	EW3024_INF	Total/NA	Water	8260B	
660-70273-66	EW3026_INF	Total/NA	Water	8260B	
660-70273-69	EW4002_INF	Total/NA	Water	8260B	
660-70273-69 DU	EW4002_INF	Total/NA	Water	8260B	
660-70273-70	EW4003_INF	Total/NA	Water	8260B	
660-70273-71	EW4004_INF	Total/NA	Water	8260B	
660-70273-71 MS	EW4004_INF	Total/NA	Water	8260B	
660-70273-72	EW4005_INF	Total/NA	Water	8260B	
660-70273-73	EW4006_INF	Total/NA	Water	8260B	
660-70273-74	EW4007_INF	Total/NA	Water	8260B	
660-70273-75	EW4008_INF	Total/NA	Water	8260B	
660-70273-80	TRIP BLANK	Total/NA	Water	8260B	
LCS 660-163362/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-163362/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-163362/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 163371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-60	EW3020_INF	Total/NA	Water	8260C SIM	
660-70273-61	EW3021_INF	Total/NA	Water	8260C SIM	
660-70273-62	EW3022_INF	Total/NA	Water	8260C SIM	
660-70273-63	EW3023_INF	Total/NA	Water	8260C SIM	
660-70273-64	EW3024_INF	Total/NA	Water	8260C SIM	
660-70273-64 MS	EW3024_INF	Total/NA	Water	8260C SIM	
660-70273-64 MSD	EW3024_INF	Total/NA	Water	8260C SIM	
660-70273-65	EW3025_INF	Total/NA	Water	8260C SIM	
660-70273-66	EW3026_INF	Total/NA	Water	8260C SIM	
660-70273-68	EW4001_INF	Total/NA	Water	8260C SIM	
660-70273-69	EW4002_INF	Total/NA	Water	8260C SIM	
660-70273-70	EW4003_INF	Total/NA	Water	8260C SIM	
660-70273-71	EW4004_INF	Total/NA	Water	8260C SIM	
660-70273-72	EW4005_INF	Total/NA	Water	8260C SIM	
660-70273-73	EW4006_INF	Total/NA	Water	8260C SIM	
660-70273-74	EW4007_INF	Total/NA	Water	8260C SIM	
660-70273-75	EW4008_INF	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 163371 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-76	EW4009_INF	Total/NA	Water	8260C SIM	
660-70273-77	EW4010_INF	Total/NA	Water	8260C SIM	
660-70273-78	EW4011_INF	Total/NA	Water	8260C SIM	
660-70273-79	EW5001_INF	Total/NA	Water	8260C SIM	
LCS 660-163371/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-163371/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-163371/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 163404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-67 - DL2	EW3027_INF	Total/NA	Water	8260B	
660-70273-67 MS	EW3027_INF	Total/NA	Water	8260B	
660-70273-67 MSD	EW3027_INF	Total/NA	Water	8260B	
LCS 660-163404/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-163404/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-163404/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 163412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70273-67	EW3027_INF	Total/NA	Water	8260C SIM	
660-70273-80	TRIP BLANK	Total/NA	Water	8260C SIM	
660-70401-K-4 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-70401-K-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
LCS 660-163412/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-163412/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-163412/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: EW2001_INF
Date Collected: 11/03/15 10:03
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163224	11/11/15 15:42	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 13:45	TGP	TAL TAM

Client Sample ID: EW2002_INF
Date Collected: 11/03/15 10:12
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163224	11/11/15 16:00	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 15:18	TGP	TAL TAM

Client Sample ID: EW2003_INF
Date Collected: 11/03/15 10:31
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163224	11/11/15 16:19	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 15:36	TGP	TAL TAM

Client Sample ID: EW2004_INF
Date Collected: 11/03/15 11:03
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163224	11/11/15 16:37	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 15:55	TGP	TAL TAM

Client Sample ID: EW2005_INF
Date Collected: 11/03/15 11:15
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163224	11/11/15 16:56	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 16:13	TGP	TAL TAM

Client Sample ID: EW2006_INF
Date Collected: 11/03/15 11:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163224	11/11/15 17:15	TGP	TAL TAM

Client Sample ID: EW2006_INF
Date Collected: 11/03/15 11:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 16:32	TGP	TAL TAM

Client Sample ID: EW2007_INF
Date Collected: 11/03/15 11:30
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163224	11/11/15 17:52	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 16:51	TGP	TAL TAM

Client Sample ID: EW2008_INF
Date Collected: 11/03/15 07:28
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163224	11/11/15 18:11	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 17:10	TGP	TAL TAM

Client Sample ID: EW2009_INF
Date Collected: 11/03/15 07:33
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 10:24	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 17:28	TGP	TAL TAM

Client Sample ID: EW2010_INF
Date Collected: 11/03/15 07:45
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 10:43	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 17:47	TGP	TAL TAM

Client Sample ID: EW2011_INF
Date Collected: 11/03/15 08:03
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 12:23	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 18:05	TGP	TAL TAM

Client Sample ID: EW2012_INF
Lab Sample ID: 660-70273-12
Date Collected: 11/03/15 08:32
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 12:42	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 18:23	TGP	TAL TAM

Client Sample ID: EW2013_INF
Lab Sample ID: 660-70273-13
Date Collected: 11/03/15 08:25
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 13:01	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 18:43	TGP	TAL TAM

Client Sample ID: EW2014_INF
Lab Sample ID: 660-70273-14
Date Collected: 11/03/15 09:11
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 16:27	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 19:03	TGP	TAL TAM

Client Sample ID: EW2015_INF
Lab Sample ID: 660-70273-15
Date Collected: 11/03/15 08:53
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 13:20	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 19:21	TGP	TAL TAM

Client Sample ID: EW2016_INF
Lab Sample ID: 660-70273-16
Date Collected: 11/04/15 15:52
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 13:38	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 19:41	TGP	TAL TAM

Client Sample ID: EW2017_INF
Lab Sample ID: 660-70273-17
Date Collected: 11/04/15 15:24
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 13:57	ECC	TAL TAM

Client Sample ID: EW2017_INF
Lab Sample ID: 660-70273-17
Date Collected: 11/04/15 15:24
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 20:00	TGP	TAL TAM

Client Sample ID: EW2018_INF
Lab Sample ID: 660-70273-18
Date Collected: 11/04/15 15:42
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 14:16	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 20:18	TGP	TAL TAM

Client Sample ID: EW2019_INF
Lab Sample ID: 660-70273-19
Date Collected: 11/04/15 16:02
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 14:35	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163222	11/11/15 20:39	TGP	TAL TAM

Client Sample ID: EW2020_INF
Lab Sample ID: 660-70273-20
Date Collected: 11/04/15 15:48
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 14:53	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 13:43	TGP	TAL TAM

Client Sample ID: EW2021_INF
Lab Sample ID: 660-70273-21
Date Collected: 11/04/15 16:48
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 15:12	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 15:04	TGP	TAL TAM

Client Sample ID: EW2022_INF
Lab Sample ID: 660-70273-22
Date Collected: 11/04/15 08:50
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 15:31	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 15:22	TGP	TAL TAM

Client Sample ID: EW2023_INF
Lab Sample ID: 660-70273-23
Date Collected: 11/04/15 16:08
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163250	11/12/15 15:50	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 15:41	TGP	TAL TAM

Client Sample ID: EW2024_INF
Lab Sample ID: 660-70273-24
Date Collected: 11/02/15 13:20
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163306	11/13/15 13:53	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 16:00	TGP	TAL TAM

Client Sample ID: EW2025_INF
Lab Sample ID: 660-70273-25
Date Collected: 11/04/15 16:26
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163306	11/13/15 10:36	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 16:18	TGP	TAL TAM

Client Sample ID: EW2026_INF
Lab Sample ID: 660-70273-26
Date Collected: 11/04/15 13:50
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163306	11/13/15 10:55	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 16:37	TGP	TAL TAM

Client Sample ID: EW2027_INF
Lab Sample ID: 660-70273-27
Date Collected: 11/04/15 13:32
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163306	11/13/15 12:20	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 16:55	TGP	TAL TAM

Client Sample ID: EW2028_INF
Lab Sample ID: 660-70273-28
Date Collected: 11/04/15 13:44
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163306	11/13/15 14:12	ECC	TAL TAM

Client Sample ID: EW2028_INF
Lab Sample ID: 660-70273-28
Date Collected: 11/04/15 13:44
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	163352	11/14/15 14:19	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 17:14	TGP	TAL TAM

Client Sample ID: EW2029_INF
Lab Sample ID: 660-70273-29
Date Collected: 11/04/15 14:24
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163352	11/14/15 14:38	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 17:33	TGP	TAL TAM

Client Sample ID: EW2030_INF
Lab Sample ID: 660-70273-30
Date Collected: 11/04/15 13:26
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163303	11/13/15 10:38	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 17:51	TGP	TAL TAM

Client Sample ID: EW2031_INF
Lab Sample ID: 660-70273-31
Date Collected: 11/04/15 13:20
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163303	11/13/15 10:56	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 18:10	TGP	TAL TAM

Client Sample ID: EW2032_INF
Lab Sample ID: 660-70273-32
Date Collected: 11/04/15 14:18
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163303	11/13/15 15:34	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 18:29	TGP	TAL TAM

Client Sample ID: EW2033_INF
Lab Sample ID: 660-70273-33
Date Collected: 11/04/15 14:00
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	163303	11/13/15 14:38	ECC	TAL TAM

Client Sample ID: EW2033_INF
Lab Sample ID: 660-70273-33
Date Collected: 11/04/15 14:00
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163303	11/13/15 15:53	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 18:47	TGP	TAL TAM

Client Sample ID: EW2034_INF
Lab Sample ID: 660-70273-34
Date Collected: 11/04/15 08:00
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163306	11/13/15 12:39	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 19:06	TGP	TAL TAM

Client Sample ID: EW2036_INF
Lab Sample ID: 660-70273-35
Date Collected: 11/03/15 14:56
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163306	11/13/15 12:57	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 19:24	TGP	TAL TAM

Client Sample ID: EW2037_INF
Lab Sample ID: 660-70273-36
Date Collected: 11/02/15 16:45
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163306	11/13/15 13:16	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 19:43	TGP	TAL TAM

Client Sample ID: EW2101_INF
Lab Sample ID: 660-70273-37
Date Collected: 11/05/15 08:00
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163306	11/13/15 13:34	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 20:01	TGP	TAL TAM

Client Sample ID: EW2102_INF
Lab Sample ID: 660-70273-38
Date Collected: 11/05/15 07:50
Matrix: Water
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163303	11/13/15 12:26	ECC	TAL TAM

Client Sample ID: EW2102_INF
Date Collected: 11/05/15 07:50
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-38
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	163269	11/12/15 20:19	TGP	TAL TAM

Client Sample ID: EW2103_INF
Date Collected: 11/03/15 16:08
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-39
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163303	11/13/15 15:15	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	163269	11/12/15 20:38	TGP	TAL TAM

Client Sample ID: EW2104_INF
Date Collected: 11/03/15 16:00
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-40
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163303	11/13/15 12:45	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	163319	11/13/15 17:07	TGP	TAL TAM

Client Sample ID: EW3001_INF
Date Collected: 11/03/15 14:06
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-41
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163303	11/13/15 13:04	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163319	11/13/15 13:42	TGP	TAL TAM

Client Sample ID: EW3002_INF
Date Collected: 11/03/15 14:33
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-42
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163303	11/13/15 17:27	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	163319	11/13/15 17:25	TGP	TAL TAM

Client Sample ID: EW3003_INF
Date Collected: 11/03/15 14:46
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-43
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163303	11/13/15 13:22	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163319	11/13/15 14:57	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3004_INF
Date Collected: 11/04/15 15:36
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-44
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163303	11/13/15 13:41	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163319	11/13/15 15:16	TGP	TAL TAM

Client Sample ID: EW3005_INF
Date Collected: 11/04/15 16:42
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-45
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	163306	11/13/15 15:44	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163306	11/13/15 18:13	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163319	11/13/15 15:34	TGP	TAL TAM

Client Sample ID: EW3006_INF
Date Collected: 11/04/15 16:20
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-46
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	163306	11/13/15 15:07	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163306	11/13/15 16:21	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163319	11/13/15 15:53	TGP	TAL TAM

Client Sample ID: EW3007_INF
Date Collected: 11/04/15 16:32
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-47
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163306	11/13/15 16:59	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163319	11/13/15 16:11	TGP	TAL TAM

Client Sample ID: EW3008_INF
Date Collected: 11/04/15 15:56
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-48
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163306	11/13/15 16:40	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	163319	11/13/15 17:44	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3009_INF
Date Collected: 11/04/15 13:38
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-49
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	163303	11/13/15 17:08	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163303	11/13/15 18:04	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	163319	11/13/15 18:44	TGP	TAL TAM

Client Sample ID: EW3010_INF
Date Collected: 11/04/15 14:30
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-50
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	163352	11/14/15 16:30	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163352	11/14/15 18:59	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	163319	11/13/15 19:02	TGP	TAL TAM

Client Sample ID: EW3011_INF
Date Collected: 11/04/15 08:06
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-51
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	163352	11/14/15 16:48	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163352	11/14/15 19:17	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	163319	11/13/15 18:02	TGP	TAL TAM

Client Sample ID: EW3012_INF
Date Collected: 11/05/15 07:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-52
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	50	163352	11/14/15 17:07	ECC	TAL TAM
Total/NA	Analysis	8260B		5	163352	11/14/15 20:31	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	163319	11/13/15 19:21	TGP	TAL TAM

Client Sample ID: EW3013_INF
Date Collected: 11/05/15 07:32
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-53
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	163352	11/14/15 17:25	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163352	11/14/15 22:04	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163319	11/13/15 16:48	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3014_INF
Date Collected: 11/05/15 07:38
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-54
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163352	11/14/15 15:53	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163319	11/13/15 16:30	TGP	TAL TAM

Client Sample ID: EW3015_INF
Date Collected: 11/05/15 07:46
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-55
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	163352	11/14/15 17:44	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163352	11/14/15 20:50	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	163319	11/13/15 19:39	TGP	TAL TAM

Client Sample ID: EW3016_INF
Date Collected: 11/05/15 07:56
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-56
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	163352	11/14/15 18:03	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163352	11/14/15 19:36	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	163319	11/13/15 19:58	TGP	TAL TAM

Client Sample ID: EW3017_INF
Date Collected: 11/05/15 08:06
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-57
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	163352	11/14/15 18:21	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163352	11/14/15 19:54	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		50	163319	11/13/15 20:41	TGP	TAL TAM

Client Sample ID: EW3018_INF
Date Collected: 11/05/15 08:12
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-58
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163352	11/14/15 16:11	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	163319	11/13/15 18:22	TGP	TAL TAM

Client Sample ID: EW3019_INF
Date Collected: 11/05/15 08:16
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-59
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	163362	11/16/15 14:34	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163362	11/16/15 15:48	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		10	163319	11/13/15 20:22	TGP	TAL TAM

Client Sample ID: EW3020_INF
Date Collected: 11/03/15 10:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-60
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	163362	11/16/15 14:52	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163362	11/16/15 16:06	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	163371	11/16/15 21:07	TGP	TAL TAM

Client Sample ID: EW3021_INF
Date Collected: 11/04/15 10:35
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-61
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	163358	11/16/15 13:27	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163358	11/16/15 15:03	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	163371	11/16/15 19:33	TGP	TAL TAM

Client Sample ID: EW3022_INF
Date Collected: 11/04/15 10:16
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-62
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163358	11/16/15 10:08	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	163371	11/16/15 20:48	TGP	TAL TAM

Client Sample ID: EW3023_INF
Date Collected: 11/05/15 07:20
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-63
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	163362	11/16/15 15:11	ECC	TAL TAM
Total/NA	Analysis	8260B		2	163362	11/16/15 16:25	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	163371	11/16/15 20:30	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3024_INF
Date Collected: 11/04/15 15:30
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-64
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163362	11/16/15 15:29	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163371	11/16/15 14:15	TGP	TAL TAM

Client Sample ID: EW3025_INF
Date Collected: 11/04/15 10:10
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-65
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163358	11/16/15 15:21	ECC	TAL TAM
Total/NA	Analysis	8260B	DL	5	163358	11/16/15 16:36	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	163371	11/16/15 19:15	TGP	TAL TAM

Client Sample ID: EW3026_INF
Date Collected: 11/04/15 09:34
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-66
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163362	11/16/15 13:38	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	163371	11/16/15 20:11	TGP	TAL TAM

Client Sample ID: EW3027_INF
Date Collected: 11/04/15 14:12
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-67
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	163358	11/16/15 14:25	ECC	TAL TAM
Total/NA	Analysis	8260B		1	163358	11/16/15 16:55	ECC	TAL TAM
Total/NA	Analysis	8260B	DL2	25	163404	11/17/15 12:03	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		10	163412	11/17/15 18:35	TGP	TAL TAM

Client Sample ID: EW4001_INF
Date Collected: 11/03/15 15:04
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-68
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163358	11/16/15 10:27	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163371	11/16/15 16:06	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW4002_INF
Date Collected: 11/03/15 14:12
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-69
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163362	11/16/15 10:05	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163371	11/16/15 16:24	TGP	TAL TAM

Client Sample ID: EW4003_INF
Date Collected: 11/04/15 16:14
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-70
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	50	163358	11/16/15 14:44	ECC	TAL TAM
Total/NA	Analysis	8260B		5	163362	11/16/15 17:39	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	163371	11/16/15 19:52	TGP	TAL TAM

Client Sample ID: EW4004_INF
Date Collected: 11/04/15 07:45
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-71
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163362	11/16/15 10:24	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163371	11/16/15 16:46	TGP	TAL TAM

Client Sample ID: EW4005_INF
Date Collected: 11/04/15 14:06
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-72
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163362	11/16/15 11:09	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	163371	11/16/15 18:57	TGP	TAL TAM

Client Sample ID: EW4006_INF
Date Collected: 11/04/15 10:25
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-73
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163362	11/16/15 12:42	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	163371	11/16/15 18:36	TGP	TAL TAM

Client Sample ID: EW4007_INF — Lab Sample ID: 660-70273-74

Date Collected: 11/04/15 09:45 — **Matrix: Water**
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163362	11/16/15 13:01	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	163371	11/16/15 18:18	TGP	TAL TAM

Client Sample ID: EW4008_INF — Lab Sample ID: 660-70273-75

Date Collected: 11/03/15 16:18 — **Matrix: Water**
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163362	11/16/15 13:19	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163371	11/16/15 15:47	TGP	TAL TAM

Client Sample ID: EW4009_INF — Lab Sample ID: 660-70273-76

Date Collected: 11/03/15 09:35 — **Matrix: Water**
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163358	11/16/15 12:11	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163371	11/16/15 17:04	TGP	TAL TAM

Client Sample ID: EW4010_INF — Lab Sample ID: 660-70273-77

Date Collected: 11/03/15 15:23 — **Matrix: Water**
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163358	11/16/15 12:30	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163371	11/16/15 17:22	TGP	TAL TAM

Client Sample ID: EW4011_INF — Lab Sample ID: 660-70273-78

Date Collected: 11/03/15 15:40 — **Matrix: Water**
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163358	11/16/15 12:49	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163371	11/16/15 17:41	TGP	TAL TAM

Client Sample ID: EW5001_INF — Lab Sample ID: 660-70273-79

Date Collected: 11/04/15 13:54 — **Matrix: Water**
Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163358	11/16/15 13:08	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW5001_INF

Lab Sample ID: 660-70273-79

Date Collected: 11/04/15 13:54

Matrix: Water

Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	163371	11/16/15 15:29	TGP	TAL TAM

Client Sample ID: TRIP BLANK

Lab Sample ID: 660-70273-80

Date Collected: 11/04/15 00:00

Matrix: Water

Date Received: 11/05/15 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163362	11/16/15 12:24	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163412	11/17/15 13:09	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: JOHN WILSON / CARIS MARSHALL	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-65560-21063.1
Client Contact: Mr. Lewis Davies	Phone: 407 456-0082	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 1 of 8
Company: AECOM Technical Services Inc.				Job #:
Address: 150 North Orange Avenue Suite 200	Due Date Requested: STD			
City: Orlando	TAT Requested (days): NORMAL			
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			
Email: lewis.davies@aecom.com	WO #: 60313454.15.11H.03			
Project Name: Tallevast	Project #: 66006091			
Site:	SSOW#:			

Analysis Requested

Loc: 660
70273

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC + SIM	Total Number of containers	Special Instructions/Note:
		Preservation Code:					A		
EW2001_INF	11/03/15	1003	G	Water	N	N	X	2	
EW2002_INF		1012		Water	N	N	X	3	
EW2003_INF		~~1025~~ 1031		Water	N	N	X	4	
EW2004_INF		~~1051~~ 1103		Water	N	N	X	5	
EW2005_INF		1115		Water	N	N	X	3	
EW2006_INF		1126		Water	N	N	X	4	
EW2007_INF	↓	1130	↓	Water	N	N	X	4	
EW2008_INF	11/03/15	0728	G	Water	N	N	X	3	
EW2009_INF	11/03/15	0733	G	Water	N	N	X	4	
EW2010_INF	11/03/15	0745	G	Water	N	N	X	4	
EW2011_INF	11/03/15	0803	G	Water	N	N	X	4	

660-70273 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J. WILSON	11/06/15 @ 11:00	AECOM		11-5-15 1355	TA Tampa
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	11-5-15 1516	TA Tampa		11/5/15 1516	TA TPA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: J WILSON / C. MARSHALL	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-65560-21063.2
Client Contact: Mr. Lewis Davies	Phone: (407)456-0082	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 2 of 8
Company: AECOM Technical Services Inc.				Job #:
Address: 150 North Orange Avenue Suite 200	Due Date Requested: STD			
City: Orlando	TAT Requested (days): Normal			
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			
Email: lewis.davies@aecom.com	WO #: 60313454.15.11H.03			
Project Name: Tallevast	Project #: 66006091			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
EW2012_INF	11/03/15	0832	C	Water	N	N	X	4	
EW2013_INF	11/03/15	0825	G	Water	N	N	X	4	
EW2014_INF	11/03/15	0911	G	Water	N	N	X	4	
EW2015_INF	11/03/15	0853	G	Water	N	N	X	4	
EW2016_INF	11/04/15	1532	G	Water	N	N	X	4	
EW2017_INF	11/04/15	1524	C	Water	N	N	X	4	
EW2018_INF	11/04/15	1532	G	Water	N	N	X	4	
EW2019_INF	11/04/15	1602	G	Water	N	N	X	4	
EW2020_INF	11/04/15	1548	G	Water	N	N	X	4	
EW2021_INF	11/04/15	1648	G	Water	N	N	X	4	
EW2022_INF	11/04/15	0850	G	Water	N	N	X	4	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J WILSON	11/05/15 @ 11:00			11-5-15 1355	TAT Tampa
Relinquished by:	Date/Time: 11-5-15 1515	Company TAT Tampa	Received by:	Date/Time: 11/5/15 1610	Company TAT Tampa
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

11/18/2015

stAmerica Tampa
12 Benjamin Road Suite 100
ampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11/18/2015

Client Information	Sampler: J.WILSON/P.MARSHALL	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-65560-21063 3
Client Contact: Mr. Lewis Davies	Phone: 407/456-0032	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 3 of 8
Company: AECOM Technical Services Inc.				Job #:
Address: 150 North Orange Avenue Suite 200	Due Date Requested: STD			
City: Orlando	TAT Requested (days): Normal			
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			
Email: lewis.davies@aecom.com	WO #: 60313454.15.11H.03			
Project Name: Tallevast	Project #: 66006091			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
EW2023_INF	11/04/15	1605	G	Water	N	N	X	4	
EW2024_INF	11/2/15	13 20	C	Water	N	N	X	4	
EW2025_INF	11/04/15	1626	G	Water	N	N	X	4	
EW2026_INF	11/04/15	1350	C	Water	N	N	X	4	
EW2027_INF	11/04/15	1332	G	Water	N	N	X	4	
EW2028_INF	11/04/15	1344	C	Water	N	N	X	4	
EW2029_INF	11/04/15	1424	G	Water	N	N	X	4	
EW2030_INF	11/04/15	1326	G	Water	N	N	X	4	
EW2031_INF	11/04/15	1320	G	Water	N	N	X	4	
EW2032_INF	11/04/15	1418	G	Water	N	N	X	4	
EW2033_INF	11/04/15	1400	G	Water	N	N	X	4	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	J.WILSON	11/05/15 @ 11:00	AECOM		11-3-15 1355	TA Tampa
2		11-5-15 1510	TA Tampa		11-5-15 1810	TA TOR
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11/18/2015

Client Information	Sampler	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Mr. Lewis Davies	Phone: (407) 456 0082	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 4 of 8
Company: AECOM Technical Services Inc.	J.WILSON/C.WELSHALL	Gudnason, Haukur M		Job #:

Address:	Due Date Requested:
150 North Orange Avenue Suite 200	STD
City: Orlando	TAT Requested (days): NORMAL
State, Zip: FL, 32801	
Phone: 407-948-8930(Tel)	PO #: 59731
Email: lewis.davies@aecom.com	WO #: 60313454.15.11H.03
Project Name: Tallevast	Project #: 66006091
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
EW2034_INF	11/04/15	08:00	G	Water	N	N	X	5	
~~EW2035_INF~~				Water				5	
EW2036_INF	11/03/15	1456	G	Water	N	N	X	5	
EW2037_INF	11/2/15	16:45	G	Water	N	N	X	5	
EW2101_INF	11/05/15	05:00	G	Water	N	N	X	5	
EW2102_INF	11/05/15	0750	G	Water	N	N	X	5	
EW2103_INF	11/03/15	1608	G	Water	N	N	X	5	
EW2104_INF	11/03/15	1600	G	Water	N	N	X	5	
EW3001_INF	11/03/15	1406	G	Water	N	N	X	5	
EW3002_INF	11/03/15	1433	G	Water	N	N	X	5	
EW3003_INF	11/03/15	1446	G	Water	N	N	X	5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J.WILSON	11/05/15 @ 11:00	AECOM		11.5.15 1355	TA Tampa
	11/5.15 1510	TA Tampa		11/5/15 1516	TA Tampa
	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: J. Wilson	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-65560-21063.5
Client Contact: Mr. Lewis Davies	Phone: (407) 456-8082	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 5 of 8
Company: AECOM Technical Services Inc.				Job #:
Address: 150 North Orange Avenue Suite 200	Due Date Requested: STD			
City: Orlando	TAT Requested (days): Normal			
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			
Email: lewis.davies@aecom.com	WO #: 60313454.15.11H.03			
Project Name: Tallevast	Project #: 66006091			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
EW3004_INF	11/04/15	1536	G	Water	N	N	X	4	
EW3005_INF	11/04/15	1642	G	Water	N	N	X	4	
EW3006_INF	11/04/15	1620	G	Water	N	N	X	4	
EW3007_INF	11/04/15	1637	G	Water	N	N	X	4	
EW3008_INF	11/04/15	1557	G	Water	N	N	X	4	
EW3009_INF	11/04/15	1338	G	Water	N	N	X	4	
EW3010_INF	11/04/15	1430	G	Water	N	N	X	4	
EW3011_INF	11/04/15	08:06	G	Water	N	N	X	4	
EW3012_INF	11/05/15	07:26	G	Water	N	N	X	4	
EW3013_INF	11/05/15	07:32	G	Water	N	N	X	4	
EW3014_INF	11/05/15	07:38	G	Water	N	N	X	4	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J. Wilson	11/05/15 @ 11:00	AECOM			
	11/5/15 1510			11/5/15 1355	TA Tampa
	11/5/15 1510			11/5/15 1510	TA Tampa
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

11/18/2015

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: J.Wilson / Chris Marshall	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-65560-21063.6
Client Contact: Mr. Lewis Davies	Phone: (407) 456-8082	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 6 of 8
Company: AECOM Technical Services Inc.				Job #:
Address: 150 North Orange Avenue Suite 200	Due Date Requested: STD			
City: Orlando	TAT Requested (days): Normal			
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			
Email: lewis.davies@aecom.com	WO #: 60313454.15.11H.03			
Project Name: Tallevast	Project #: 66006091			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC + SIM	Total Number of Containers	Special Instructions/Note:
			Preservation Code:				A		
EW3015_INF	11/05/15	07:46	G	Water	N	N	X	3	
EW3016_INF	11/05/15	07:56	G	Water	N	N	X	3	
EW3017_INF	11/05/15	08:06	G	Water	N	N	X	3	
EW3018_INF	11/05/15	08:12	G	Water	N	N	X	3	
EW3019_INF	11/05/15	08:16	G	Water	N	N	X	3	
EW3020_INF	11/03/15	10:26	G	Water	N	N	X	3	
EW3021_INF	11/04/15	10:35	G	Water	N	N	X	3	
EW3022_INF	11/04/15	10:16	G	Water	N	N	X	3	
EW3023_INF	11/05/15	07:20	G	Water	N	N	X	3	
EW3024_INF	11/04/15	15:30	G	Water	N	N	X	3	
EW3025_INF	11/04/15	10:10	G	Water	N	N	X	3	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J WILSON	11/05/15 @ 11:00	AECOM		11-5-15 1355	TA Tampa
	11-5-15 1510	TA Tampa		11-5-15 1510	TA Tampa

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

11/18/2015

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Wilson / Chris Shell	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-65560-21063.7
Client Contact: Mr. Lewis Davies	Phone: (407) 456-0082	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 7 of 8
Company: AECOM Technical Services Inc.				Job #:
Address: 150 North Orange Avenue Suite 200	Due Date Requested: STD			
City: Orlando	TAT Requested (days): Normal			
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			
Email: lewis.davies@aecom.com	WO #: 60313454.15.11H.03			
Project Name: Tallevast	Project #: 66006091			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (w=water, s=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
EW3026_INF	11/04/15	09:59	G	Water	N	N	X	5	
EW3027_INF	11/04/15	1412	G	Water	N	N	X	5	
EW4001_INF	11/03/15	1504	G	Water	N	N	X	5	
EW4002_INF	11/03/15	1412	G	Water	N	N	X	5	
EW4003_INF	11/04/15	1614	G	Water	N	N	X	5	
EW4004_INF	11/04/15	07:45	G	Water	N	N	X	5	
EW4005_INF	11/04/15	1406	G	Water	N	N	X	5	
EW4006_INF	11/04/15	10:25	G	Water	N	N	X	5	
EW4007_INF	11/04/15	0945	G	Water	N	N	X	5	
EW4008_INF	11/03/15	1618	G	Water	N	N	X	5	
EW4009_INF	11/03/15	0935	G	Water	N	N	X	5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J Wilson	11/05/15 @ 11:00	AECOM			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	11-5-15 1510	TA Tampa		11-5-15 1510	TA Tampa
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

11/18/2015

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11/18/2015

Client Information	Sampler: J WILSON / C. Marshall	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-65560-21063.8
Client Contact: Mr. Lewis Davies	Phone: (407) 456-0082	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 8 of 8
Company: AECOM Technical Services Inc.				Job #:
Address: 150 North Orange Avenue Suite 200	Due Date Requested: STD			
City: Orlando	TAT Requested (days): Normal			
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			
Email: lewis.davies@aecom.com	WO #: 60313454.15.11H.03			
Project Name: Tallevast	Project #: 66006091			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
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K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
EW4010_INF	11/03/15	1523	G	Water	N	Y	X	4	
EW4011_INF	11/03/15	1540	G	Water	N	Y	X	4	
EW5001_INF	11/04/15	1354	G	Water	N	Y	X	4	
EW5002_INF				Water					
				Water					
				Water					
				Water					
				Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J WILSON	11/05/15 11:00	AECOM		11-5-15 1355	TA Tampa
Relinquished by:	Date/Time: 11.5.15 1510	Company TA Tampa	Received by:	11-5-15 1510	TA Tampa
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.5/4.1 2.4/2.0 3.6/3.2

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-70273-1

Login Number: 70273
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-70290-1
Client Project/Site: Tallevast

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
11/10/2015 1:18:24 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70290-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-70290-1	AOP Feed	Water	11/06/15 09:00	11/06/15 13:15
660-70290-2	AOP-A effluent	Water	11/06/15 09:05	11/06/15 13:15
660-70290-3	AOP-B effluent	Water	11/06/15 09:10	11/06/15 13:15
660-70290-4	AOP-C Effluent	Water	11/06/15 09:15	11/06/15 13:15
660-70290-5	PGE	Water	11/06/15 09:20	11/06/15 13:15
660-70290-6	SGE	Water	11/06/15 09:25	11/06/15 13:15
660-70290-7	Combined influent	Water	11/06/15 09:30	11/06/15 13:15

Job ID: 660-70290-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-70290-1

Comments
No additional comments.

Receipt
The samples were received on 11/6/2015 1:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.5º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70290-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70290-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-70290-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.3		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.8		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.9		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	52		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-70290-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.63	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-70290-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.76	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-70290-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.54	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-70290-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-70290-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined influent — Lab Sample ID: 660-70290-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	19		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	7.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	24		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	16		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	17		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	4.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	48		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-70290-1
Date Collected: 11/06/15 09:00
Matrix: Water
Date Received: 11/06/15 13:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.6		1.0	0.52	ug/L			11/07/15 16:44	1
1,1-Dichloroethene	8.3		1.0	0.67	ug/L			11/07/15 16:44	1
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L			11/07/15 16:44	1
Tetrachloroethene	7.8		1.0	0.50	ug/L			11/07/15 16:44	1
Trichloroethene	11		1.0	0.61	ug/L			11/07/15 16:44	1
Vinyl chloride	1.9		1.0	0.71	ug/L			11/07/15 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/07/15 16:44*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/07/15 16:44*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/07/15 16:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	52		2.0	1.0	ug/L			11/09/15 16:44	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-70290-2
Date Collected: 11/06/15 09:05
Matrix: Water
Date Received: 11/06/15 13:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.4		1.0	0.52	ug/L			11/07/15 14:15	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/07/15 14:15	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/07/15 14:15	1
Tetrachloroethene	0.63	I	1.0	0.50	ug/L			11/07/15 14:15	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/07/15 14:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/07/15 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/07/15 14:15*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*11/07/15 14:15*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/07/15 14:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.7		2.0	1.0	ug/L			11/09/15 14:12	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-70290-3
Date Collected: 11/06/15 09:10
Matrix: Water
Date Received: 11/06/15 13:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.3		1.0	0.52	ug/L			11/07/15 14:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/07/15 14:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/07/15 14:34	1
Tetrachloroethene	0.76	I	1.0	0.50	ug/L			11/07/15 14:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/07/15 14:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/07/15 14:34	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-70290-3
Matrix: Water
Date Collected: 11/06/15 09:10
Date Received: 11/06/15 13:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/07/15 14:34*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*11/07/15 14:34*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/07/15 14:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.6**		2.0	1.0	ug/L			11/09/15 14:49	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-70290-4
Matrix: Water
Date Collected: 11/06/15 09:15
Date Received: 11/06/15 13:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			11/07/15 15:49	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/07/15 15:49	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/07/15 15:49	1
Tetrachloroethene	**0.54**	**I**	1.0	0.50	ug/L			11/07/15 15:49	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/07/15 15:49	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/07/15 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*11/07/15 15:49*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*11/07/15 15:49*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*11/07/15 15:49*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.1**		2.0	1.0	ug/L			11/09/15 15:46	1

Client Sample ID: PGE

Lab Sample ID: 660-70290-5
Matrix: Water
Date Collected: 11/06/15 09:20
Date Received: 11/06/15 13:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.8**		1.0	0.52	ug/L			11/07/15 16:07	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/07/15 16:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/07/15 16:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/07/15 16:07	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/07/15 16:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/07/15 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/07/15 16:07*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*11/07/15 16:07*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/07/15 16:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.0**		2.0	1.0	ug/L			11/09/15 16:07	1

Client Sample ID: SGE

Lab Sample ID: 660-70290-6

Date Collected: 11/06/15 09:25

Matrix: Water

Date Received: 11/06/15 13:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/07/15 16:26	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/07/15 16:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/07/15 16:26	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/07/15 16:26	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/07/15 16:26	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/07/15 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/07/15 16:26*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*11/07/15 16:26*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/07/15 16:26*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.7**		2.0	1.0	ug/L			11/09/15 16:26	1

Client Sample ID: Combined influent

Lab Sample ID: 660-70290-7

Date Collected: 11/06/15 09:30

Matrix: Water

Date Received: 11/06/15 13:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/07/15 17:03	1
Benzene	0.50	U	1.0	0.50	ug/L			11/07/15 17:03	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/07/15 17:03	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/07/15 17:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/07/15 17:03	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/07/15 17:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/07/15 17:03	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/07/15 17:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/07/15 17:03	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/07/15 17:03	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/07/15 17:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/07/15 17:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/07/15 17:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/07/15 17:03	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/07/15 17:03	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/07/15 17:03	1
cis-1,2-Dichloroethene	**19**		1.0	0.65	ug/L			11/07/15 17:03	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/07/15 17:03	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/07/15 17:03	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/07/15 17:03	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/07/15 17:03	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/07/15 17:03	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/07/15 17:03	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/07/15 17:03	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/07/15 17:03	1
1,1-Dichloroethane	**7.0**		1.0	0.52	ug/L			11/07/15 17:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/07/15 17:03	1
1,1-Dichloroethene	**24**		1.0	0.67	ug/L			11/07/15 17:03	1

Client Sample ID: Combined influent
Date Collected: 11/06/15 09:30
Date Received: 11/06/15 13:15

Lab Sample ID: 660-70290-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/07/15 17:03	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/07/15 17:03	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/07/15 17:03	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/07/15 17:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/07/15 17:03	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/07/15 17:03	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/07/15 17:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/07/15 17:03	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/07/15 17:03	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/07/15 17:03	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/07/15 17:03	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/07/15 17:03	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/07/15 17:03	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/07/15 17:03	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/07/15 17:03	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/07/15 17:03	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/07/15 17:03	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/07/15 17:03	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/07/15 17:03	1
Styrene	0.98	U	2.0	0.98	ug/L			11/07/15 17:03	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/07/15 17:03	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/07/15 17:03	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/07/15 17:03	1
Tetrachloroethene	**16**		1.0	0.50	ug/L			11/07/15 17:03	1
Toluene	0.51	U	1.0	0.51	ug/L			11/07/15 17:03	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/07/15 17:03	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/07/15 17:03	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/07/15 17:03	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/07/15 17:03	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/07/15 17:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/07/15 17:03	1
Trichloroethene	**17**		1.0	0.61	ug/L			11/07/15 17:03	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/07/15 17:03	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/07/15 17:03	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/07/15 17:03	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/07/15 17:03	1
Vinyl chloride	**4.6**		1.0	0.71	ug/L			11/07/15 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/07/15 17:03*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*11/07/15 17:03*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*11/07/15 17:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**48**		2.0	1.0	ug/L			11/09/15 17:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-163132/7
Matrix: Water
Analysis Batch: 163132

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/07/15 13:49	1
Benzene	0.50	U	1.0	0.50	ug/L			11/07/15 13:49	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/07/15 13:49	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/07/15 13:49	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/07/15 13:49	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/07/15 13:49	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/07/15 13:49	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/07/15 13:49	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/07/15 13:49	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/07/15 13:49	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/07/15 13:49	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/07/15 13:49	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/07/15 13:49	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/07/15 13:49	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/07/15 13:49	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/07/15 13:49	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/07/15 13:49	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/07/15 13:49	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/07/15 13:49	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/07/15 13:49	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/07/15 13:49	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/07/15 13:49	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/07/15 13:49	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/07/15 13:49	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/07/15 13:49	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/07/15 13:49	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/07/15 13:49	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/07/15 13:49	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/07/15 13:49	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/07/15 13:49	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/07/15 13:49	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/07/15 13:49	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/07/15 13:49	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/07/15 13:49	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/07/15 13:49	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/07/15 13:49	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/07/15 13:49	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/07/15 13:49	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/07/15 13:49	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/07/15 13:49	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/07/15 13:49	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/07/15 13:49	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/07/15 13:49	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/07/15 13:49	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/07/15 13:49	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/07/15 13:49	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/07/15 13:49	1
Styrene	0.98	U	2.0	0.98	ug/L			11/07/15 13:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163132/7
Matrix: Water
Analysis Batch: 163132

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/07/15 13:49	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/07/15 13:49	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/07/15 13:49	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/07/15 13:49	1
Toluene	0.51	U	1.0	0.51	ug/L			11/07/15 13:49	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/07/15 13:49	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/07/15 13:49	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/07/15 13:49	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/07/15 13:49	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/07/15 13:49	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/07/15 13:49	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/07/15 13:49	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/07/15 13:49	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/07/15 13:49	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/07/15 13:49	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/07/15 13:49	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/07/15 13:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/07/15 13:49*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*11/07/15 13:49*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*11/07/15 13:49*	*1*

Lab Sample ID: LCS 660-163132/4
Matrix: Water
Analysis Batch: 163132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	87.9		ug/L		88	62 - 142
Benzene	10.0	9.58		ug/L		96	68 - 134
Bromobenzene	10.0	9.47		ug/L		95	70 - 130
Bromoform	10.0	9.17		ug/L		92	65 - 130
Bromomethane	10.0	10.4		ug/L		104	22 - 150
2-Butanone (MEK)	100	83.0		ug/L		83	63 - 140
Carbon disulfide	10.0	9.63		ug/L		96	30 - 150
Carbon tetrachloride	10.0	8.69		ug/L		87	61 - 134
Chlorobenzene	10.0	9.42		ug/L		94	70 - 130
Chlorobromomethane	10.0	9.96		ug/L		100	70 - 130
Chlorodibromomethane	10.0	8.84		ug/L		88	70 - 130
Chloroethane	10.0	10.5		ug/L		105	39 - 150
Chloroform	10.0	9.13		ug/L		91	68 - 130
Chloromethane	10.0	9.26		ug/L		93	35 - 150
2-Chlorotoluene	10.0	8.51		ug/L		85	70 - 130
4-Chlorotoluene	10.0	9.88		ug/L		99	70 - 130
cis-1,2-Dichloroethene	10.0	8.95		ug/L		89	66 - 130
cis-1,3-Dichloropropene	10.0	8.14		ug/L		81	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	7.79		ug/L		78	63 - 130
Dibromomethane	10.0	9.30		ug/L		93	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163132/4
Matrix: Water
Analysis Batch: 163132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	9.92		ug/L		99	70 - 130
1,3-Dichlorobenzene	10.0	9.53		ug/L		95	70 - 130
1,4-Dichlorobenzene	10.0	9.65		ug/L		96	70 - 130
Dichlorobromomethane	10.0	9.25		ug/L		93	70 - 130
Dichlorodifluoromethane	10.0	9.00		ug/L		90	16 - 149
1,1-Dichloroethane	10.0	9.21		ug/L		92	66 - 130
1,2-Dichloroethane	10.0	8.41		ug/L		84	70 - 130
1,1-Dichloroethene	10.0	8.04		ug/L		80	51 - 150
1,2-Dichloropropane	10.0	9.18		ug/L		92	70 - 130
1,3-Dichloropropane	10.0	9.04		ug/L		90	70 - 130
2,2-Dichloropropane	10.0	8.79		ug/L		88	66 - 134
1,1-Dichloropropene	10.0	8.18		ug/L		82	65 - 136
Ethylbenzene	10.0	9.35		ug/L		94	70 - 130
Ethylene Dibromide	10.0	9.81		ug/L		98	66 - 130
Hexachlorobutadiene	10.0	10.0		ug/L		100	62 - 143
2-Hexanone	100	71.8		ug/L		72	60 - 148
Isopropylbenzene	10.0	8.17		ug/L		82	62 - 130
4-Isopropyltoluene	10.0	7.75		ug/L		78	65 - 134
Methylene Chloride	10.0	9.93		ug/L		99	57 - 130
4-Methyl-2-pentanone (MIBK)	100	77.8		ug/L		78	64 - 137
Methyl tert-butyl ether	10.0	9.26		ug/L		93	67 - 130
Naphthalene	10.0	7.11		ug/L		71	50 - 136
n-Butylbenzene	10.0	7.89		ug/L		79	61 - 131
N-Propylbenzene	10.0	8.01		ug/L		80	67 - 130
o-Xylene	10.0	7.68		ug/L		77	69 - 130
sec-Butylbenzene	10.0	8.11		ug/L		81	68 - 133
Styrene	10.0	8.04		ug/L		80	68 - 131
tert-Butylbenzene	10.0	7.87		ug/L		79	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.87		ug/L		89	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.50		ug/L		95	70 - 130
Tetrachloroethene	10.0	9.54		ug/L		95	50 - 143
Toluene	10.0	9.72		ug/L		97	70 - 131
trans-1,2-Dichloroethene	10.0	9.78		ug/L		98	62 - 139
trans-1,3-Dichloropropene	10.0	8.27		ug/L		83	67 - 130
1,2,3-Trichlorobenzene	10.0	9.44		ug/L		94	58 - 132
1,2,4-Trichlorobenzene	10.0	7.84		ug/L		78	66 - 130
1,1,1-Trichloroethane	10.0	9.10		ug/L		91	63 - 132
1,1,2-Trichloroethane	10.0	9.24		ug/L		92	70 - 130
Trichloroethene	10.0	9.76		ug/L		98	63 - 139
Trichlorofluoromethane	10.0	8.43		ug/L		84	62 - 146
1,2,3-Trichloropropane	10.0	8.55		ug/L		86	66 - 130
1,2,4-Trimethylbenzene	10.0	7.67		ug/L		77	70 - 132
1,3,5-Trimethylbenzene	10.0	7.81		ug/L		78	65 - 134
Vinyl chloride	10.0	9.57		ug/L		96	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163132/4
Matrix: Water
Analysis Batch: 163132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 660-163132/5
Matrix: Water
Analysis Batch: 163132

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	85.2		ug/L		85	62 - 142	3	30
Benzene			10.0	9.76		ug/L		98	68 - 134	2	30
Bromobenzene			10.0	9.72		ug/L		97	70 - 130	3	30
Bromoform			10.0	9.68		ug/L		97	65 - 130	5	30
Bromomethane			10.0	10.3		ug/L		103	22 - 150	2	30
2-Butanone (MEK)			100	76.9		ug/L		77	63 - 140	8	30
Carbon disulfide			10.0	10.2		ug/L		102	30 - 150	6	30
Carbon tetrachloride			10.0	9.53		ug/L		95	61 - 134	9	30
Chlorobenzene			10.0	9.95		ug/L		100	70 - 130	5	30
Chlorobromomethane			10.0	9.84		ug/L		98	70 - 130	1	30
Chlorodibromomethane			10.0	9.24		ug/L		92	70 - 130	4	30
Chloroethane			10.0	11.6		ug/L		116	39 - 150	10	30
Chloroform			10.0	9.31		ug/L		93	68 - 130	2	30
Chloromethane			10.0	9.88		ug/L		99	35 - 150	7	30
2-Chlorotoluene			10.0	8.84		ug/L		88	70 - 130	4	30
4-Chlorotoluene			10.0	10.1		ug/L		101	70 - 130	3	30
cis-1,2-Dichloroethene			10.0	9.09		ug/L		91	66 - 130	2	30
cis-1,3-Dichloropropene			10.0	8.32		ug/L		83	70 - 130	2	30
1,2-Dibromo-3-Chloropropane			10.0	7.97		ug/L		80	63 - 130	2	30
Dibromomethane			10.0	9.59		ug/L		96	70 - 130	3	30
1,2-Dichlorobenzene			10.0	10.3		ug/L		103	70 - 130	4	30
1,3-Dichlorobenzene			10.0	10.2		ug/L		102	70 - 130	7	30
1,4-Dichlorobenzene			10.0	10.1		ug/L		101	70 - 130	5	30
Dichlorobromomethane			10.0	9.37		ug/L		94	70 - 130	1	30
Dichlorodifluoromethane			10.0	8.89		ug/L		89	16 - 149	1	30
1,1-Dichloroethane			10.0	9.49		ug/L		95	66 - 130	3	30
1,2-Dichloroethane			10.0	8.25		ug/L		82	70 - 130	2	30
1,1-Dichloroethene			10.0	8.27		ug/L		83	51 - 150	3	30
1,2-Dichloropropane			10.0	9.36		ug/L		94	70 - 130	2	30
1,3-Dichloropropane			10.0	9.01		ug/L		90	70 - 130	0	30
2,2-Dichloropropane			10.0	9.13		ug/L		91	66 - 134	4	30
1,1-Dichloropropene			10.0	8.32		ug/L		83	65 - 136	2	30
Ethylbenzene			10.0	10.2		ug/L		102	70 - 130	9	30
Ethylene Dibromide			10.0	9.51		ug/L		95	66 - 130	3	30
Hexachlorobutadiene			10.0	11.3		ug/L		113	62 - 143	12	30
2-Hexanone			100	71.5		ug/L		72	60 - 148	0	30
Isopropylbenzene			10.0	8.42		ug/L		84	62 - 130	3	30
4-Isopropyltoluene			10.0	8.05		ug/L		81	65 - 134	4	30
Methylene Chloride			10.0	9.57		ug/L		96	57 - 130	4	30
4-Methyl-2-pentanone (MIBK)			100	73.8		ug/L		74	64 - 137	5	30
Methyl tert-butyl ether			10.0	9.42		ug/L		94	67 - 130	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163132/5
Matrix: Water
Analysis Batch: 163132

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	7.22		ug/L		72	50 - 136	2	30
n-Butylbenzene			10.0	8.54		ug/L		85	61 - 131	8	30
N-Propylbenzene			10.0	8.48		ug/L		85	67 - 130	6	30
o-Xylene			10.0	8.29		ug/L		83	69 - 130	8	30
sec-Butylbenzene			10.0	8.73		ug/L		87	68 - 133	7	30
Styrene			10.0	8.33		ug/L		83	68 - 131	4	30
tert-Butylbenzene			10.0	8.82		ug/L		88	64 - 130	11	30
1,1,1,2-Tetrachloroethane			10.0	9.33		ug/L		93	70 - 130	5	30
1,1,2,2-Tetrachloroethane			10.0	9.92		ug/L		99	70 - 130	4	30
Tetrachloroethene			10.0	9.12		ug/L		91	50 - 143	4	30
Toluene			10.0	9.85		ug/L		98	70 - 131	1	30
trans-1,2-Dichloroethene			10.0	10.1		ug/L		101	62 - 139	3	30
trans-1,3-Dichloropropene			10.0	8.19		ug/L		82	67 - 130	1	30
1,2,3-Trichlorobenzene			10.0	9.66		ug/L		97	58 - 132	2	30
1,2,4-Trichlorobenzene			10.0	8.23		ug/L		82	66 - 130	5	30
1,1,1-Trichloroethane			10.0	9.49		ug/L		95	63 - 132	4	30
1,1,2-Trichloroethane			10.0	9.41		ug/L		94	70 - 130	2	30
Trichloroethene			10.0	9.75		ug/L		97	63 - 139	0	30
Trichlorofluoromethane			10.0	10.1		ug/L		101	62 - 146	18	30
1,2,3-Trichloropropane			10.0	9.40		ug/L		94	66 - 130	9	30
1,2,4-Trimethylbenzene			10.0	8.02		ug/L		80	70 - 132	4	30
1,3,5-Trimethylbenzene			10.0	8.38		ug/L		84	65 - 134	7	30
Vinyl chloride			10.0	10.7		ug/L		107	48 - 147	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-70290-3 MS
Matrix: Water
Analysis Batch: 163132

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	16	I	100	89.5		ug/L		74	62 - 142
Benzene	0.50	U	10.0	9.32		ug/L		93	68 - 134
Bromobenzene	0.58	U	10.0	9.68		ug/L		97	70 - 130
Bromoform	0.63	U	10.0	9.66		ug/L		97	65 - 130
Bromomethane	2.5	U	10.0	9.65		ug/L		97	22 - 150
2-Butanone (MEK)	8.4	U	100	76.8		ug/L		77	63 - 140
Carbon disulfide	1.0	U	10.0	8.85		ug/L		88	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.12		ug/L		91	61 - 134
Chlorobenzene	0.63	U	10.0	9.55		ug/L		96	70 - 130
Chlorobromomethane	0.58	U	10.0	9.94		ug/L		99	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.12		ug/L		91	70 - 130
Chloroethane	2.5	U	10.0	10.7		ug/L		107	39 - 150
Chloroform	0.90	U	10.0	8.86		ug/L		89	68 - 130
Chloromethane	1.0	U	10.0	9.20		ug/L		92	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70290-3 MS
Matrix: Water
Analysis Batch: 163132

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	8.33		ug/L		83	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.76		ug/L		98	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	8.58		ug/L		86	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.58		ug/L		76	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.55		ug/L		75	63 - 130
Dibromomethane	0.46	U	10.0	8.63		ug/L		86	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.1		ug/L		101	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.80		ug/L		98	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.1		ug/L		101	70 - 130
Dichlorobromomethane	0.44	U	10.0	9.13		ug/L		91	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	8.78		ug/L		88	16 - 149
1,1-Dichloroethane	4.3		10.0	12.7		ug/L		84	66 - 130
1,2-Dichloroethane	0.57	U	10.0	8.16		ug/L		82	70 - 130
1,1-Dichloroethene	0.67	U	10.0	7.59		ug/L		76	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.81		ug/L		88	70 - 130
1,3-Dichloropropane	0.42	U	10.0	8.58		ug/L		86	70 - 130
2,2-Dichloropropane	0.36	U	10.0	8.44		ug/L		84	66 - 134
1,1-Dichloropropene	0.65	U	10.0	7.96		ug/L		80	65 - 136
Ethylbenzene	0.44	U	10.0	9.44		ug/L		94	70 - 130
Ethylene Dibromide	0.50	U	10.0	9.47		ug/L		95	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.3		ug/L		103	62 - 143
2-Hexanone	4.4	U	100	66.7		ug/L		67	60 - 148
Isopropylbenzene	0.52	U	10.0	8.17		ug/L		82	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.24		ug/L		82	65 - 134
Methylene Chloride	4.0	U	10.0	9.75		ug/L		98	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	70.8		ug/L		71	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	8.13		ug/L		81	67 - 130
Naphthalene	2.5	U	10.0	6.71		ug/L		67	50 - 136
n-Butylbenzene	0.67	U	10.0	7.88		ug/L		79	61 - 131
N-Propylbenzene	0.59	U	10.0	8.13		ug/L		81	67 - 130
o-Xylene	0.50	U	10.0	7.50		ug/L		75	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.40		ug/L		84	68 - 133
Styrene	0.98	U	10.0	7.83		ug/L		78	68 - 131
tert-Butylbenzene	0.84	U	10.0	8.16		ug/L		82	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.36		ug/L		94	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.60		ug/L		96	70 - 130
Tetrachloroethene	0.76	I	10.0	9.75		ug/L		90	50 - 143
Toluene	0.51	U	10.0	9.64		ug/L		96	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.69		ug/L		97	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.53		ug/L		75	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.01		ug/L		90	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	7.67		ug/L		77	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.21		ug/L		92	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	8.52		ug/L		85	70 - 130
Trichloroethene	0.61	U	10.0	9.74		ug/L		97	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.64		ug/L		96	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	8.37		ug/L		84	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	7.61		ug/L		76	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70290-3 MS
Matrix: Water
Analysis Batch: 163132

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	7.75		ug/L		78	65 - 134
Vinyl chloride	0.71	U	10.0	10.7		ug/L		107	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-70290-2 DU
Matrix: Water
Analysis Batch: 163132

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	16	I	17.0	I	ug/L		5	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	4.4		4.25		ug/L		3	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70290-2 DU
Matrix: Water
Analysis Batch: 163132

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Isopropylbenzene	0.52	U	0.52	U	ug/L		NC	30
4-Isopropyltoluene	0.69	U	0.69	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30
Methyl tert-butyl ether	0.44	U	0.44	U	ug/L		NC	30
m-Xylene & p-Xylene	0.60	U	0.60	U	ug/L		NC	30
Naphthalene	2.5	U	2.5	U	ug/L		NC	30
n-Butylbenzene	0.67	U	0.67	U	ug/L		NC	30
N-Propylbenzene	0.59	U	0.59	U	ug/L		NC	30
o-Xylene	0.50	U	0.50	U	ug/L		NC	30
sec-Butylbenzene	0.63	U	0.63	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
tert-Butylbenzene	0.84	U	0.84	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.17	U	0.17	U	ug/L		NC	30
Tetrachloroethene	0.63	I	0.549	I	ug/L		14	30
Toluene	0.51	U	0.51	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.27	U	0.27	U	ug/L		NC	30
1,2,3-Trichlorobenzene	0.77	U	0.77	U	ug/L		NC	30
1,2,4-Trichlorobenzene	0.58	U	0.58	U	ug/L		NC	30
1,1,1-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
1,1,2-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Trichlorofluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,2,3-Trichloropropane	0.44	U	0.44	U	ug/L		NC	30
1,2,4-Trimethylbenzene	0.86	U	0.86	U	ug/L		NC	30
1,3,5-Trimethylbenzene	0.54	U	0.54	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-163152/7
Matrix: Water
Analysis Batch: 163152

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/09/15 13:35	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163152/4
Matrix: Water
Analysis Batch: 163152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	7.18		ug/L		72	50 - 150		

Lab Sample ID: LCSD 660-163152/5
Matrix: Water
Analysis Batch: 163152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	6.98		ug/L		70	50 - 150	3	50

Lab Sample ID: 660-70290-3 MS
Matrix: Water
Analysis Batch: 163152

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	4.6		10.0	11.6		ug/L		70	50 - 150		

Lab Sample ID: 660-70290-2 DU
Matrix: Water
Analysis Batch: 163152

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,4-Dioxane	2.7			2.70		ug/L				2	50

GC/MS VOA

Analysis Batch: 163132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70290-1	AOP Feed	Total/NA	Water	8260B	
660-70290-2	AOP-A effluent	Total/NA	Water	8260B	
660-70290-2 DU	AOP-A effluent	Total/NA	Water	8260B	
660-70290-3	AOP-B effluent	Total/NA	Water	8260B	
660-70290-3 MS	AOP-B effluent	Total/NA	Water	8260B	
660-70290-4	AOP-C Effluent	Total/NA	Water	8260B	
660-70290-5	PGE	Total/NA	Water	8260B	
660-70290-6	SGE	Total/NA	Water	8260B	
660-70290-7	Combined influent	Total/NA	Water	8260B	
LCS 660-163132/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-163132/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-163132/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 163152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70290-1	AOP Feed	Total/NA	Water	8260C SIM	
660-70290-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-70290-2 DU	AOP-A effluent	Total/NA	Water	8260C SIM	
660-70290-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-70290-3 MS	AOP-B effluent	Total/NA	Water	8260C SIM	
660-70290-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-70290-5	PGE	Total/NA	Water	8260C SIM	
660-70290-6	SGE	Total/NA	Water	8260C SIM	
660-70290-7	Combined influent	Total/NA	Water	8260C SIM	
LCS 660-163152/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-163152/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-163152/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: AOP Feed
Lab Sample ID: 660-70290-1
Date Collected: 11/06/15 09:00
Matrix: Water
Date Received: 11/06/15 13:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163132	11/07/15 16:44	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163152	11/09/15 16:44	TGP	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-70290-2
Date Collected: 11/06/15 09:05
Matrix: Water
Date Received: 11/06/15 13:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163132	11/07/15 14:15	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163152	11/09/15 14:12	TGP	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-70290-3
Date Collected: 11/06/15 09:10
Matrix: Water
Date Received: 11/06/15 13:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163132	11/07/15 14:34	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163152	11/09/15 14:49	TGP	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-70290-4
Date Collected: 11/06/15 09:15
Matrix: Water
Date Received: 11/06/15 13:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163132	11/07/15 15:49	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163152	11/09/15 15:46	TGP	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-70290-5
Date Collected: 11/06/15 09:20
Matrix: Water
Date Received: 11/06/15 13:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163132	11/07/15 16:07	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163152	11/09/15 16:07	TGP	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-70290-6
Date Collected: 11/06/15 09:25
Matrix: Water
Date Received: 11/06/15 13:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163132	11/07/15 16:26	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70290-1

Client Sample ID: SGE

Lab Sample ID: 660-70290-6

Date Collected: 11/06/15 09:25
Matrix: Water
Date Received: 11/06/15 13:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	163152	11/09/15 16:26	TGP	TAL TAM

Client Sample ID: Combined influent

Lab Sample ID: 660-70290-7

Date Collected: 11/06/15 09:30
Matrix: Water
Date Received: 11/06/15 13:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163132	11/07/15 17:03	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163152	11/09/15 17:03	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70290-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70290-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11/10/2015

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 59731 60313454 03.09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Sampling	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Loc: 660
70290

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List			Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A					
AOP Feed	11/6/15	9:00	G	Water	N	N	2	2					Comb. inf - 160
AOP-A effluent	11/6/15	0905	G	Water	N	N	2	2					EW-2101 - 2104 - balance.
AOP-B effluent	11/6/15	0910	G	Water	N	N	2	2					AOP-A @ 64
AOP-C Effluent	11/6/15	0915	G	Water	N	N	2	2					AOP-B @ 55
PGE	11/6/15	0920	G	Water	N	N	2	2					AOP-C @ 43
SGE	11/6/15	0925	G	Water	N	N	2	2					
Combined Influent	11/6/15	0930	G	Water	N	N		2	2				FIT-100 - 178,768,500

660-70290 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 11-5-15 1400	Company AECOM
Relinquished by:	Date/Time: 11-6-15 1100 hrs	Company AECOM	Received by:	Date/Time: 11.6.15 1200	Company TA Tampa
Relinquished by:	Date/Time: 11.6.15 1315	Company TA Tampa	Received by:	Date/Time: 11/6/15 1315	Company TA-TPA

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 0.4 / 0.5

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-70290-1

Login Number: 70290
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-70293-1
Client Project/Site: Tallevast

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
11/11/2015 4:01:24 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70293-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-70293-1	POTW Effluent	Water	11/06/15 09:40	11/06/15 13:15

Job ID: 660-70293-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-70293-1

Comments
No additional comments.

Receipt
The sample was received on 11/6/2015 1:15 PM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 0.5º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70293-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70293-1

Client Sample ID: POTW Effluent

Lab Sample ID: 660-70293-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA
Beryllium	0.55	I	2.0	0.50	ug/L	1		6010B	Total Recoverable
Sodium	110		0.50	0.31	mg/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: POTW Effluent

Date Collected: 11/06/15 09:40
Date Received: 11/06/15 13:15

Lab Sample ID: 660-70293-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/11/15 13:50	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 13:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/11/15 13:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/11/15 13:50	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/11/15 13:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/11/15 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*11/11/15 13:50*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/11/15 13:50*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*11/11/15 13:50*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.1**		2.0	1.0	ug/L			11/09/15 17:25	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		11/09/15 09:30	11/10/15 10:32	1
Arsenic	4.0	U	10	4.0	ug/L		11/09/15 09:30	11/10/15 10:32	1
Beryllium	**0.55**	**I**	2.0	0.50	ug/L		11/09/15 09:30	11/10/15 10:32	1
Cadmium	1.0	U	4.0	1.0	ug/L		11/09/15 09:30	11/10/15 10:32	1
Chromium	2.0	U	10	2.0	ug/L		11/09/15 09:30	11/10/15 10:32	1
Copper	2.5	U	10	2.5	ug/L		11/09/15 09:30	11/10/15 10:32	1
Lead	2.2	U	10	2.2	ug/L		11/09/15 09:30	11/10/15 10:32	1
Molybdenum	6.4	U	15	6.4	ug/L		11/09/15 09:30	11/10/15 10:32	1
Nickel	2.0	U	8.0	2.0	ug/L		11/09/15 09:30	11/10/15 10:32	1
Sodium	**110**		0.50	0.31	mg/L		11/09/15 09:30	11/10/15 10:32	1
Zinc	5.0	U	20	5.0	ug/L		11/09/15 09:30	11/10/15 10:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-163224/7
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/11/15 12:54	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/11/15 12:54	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/11/15 12:54	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/11/15 12:54	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/11/15 12:54	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/11/15 12:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/11/15 12:54*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*11/11/15 12:54*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/11/15 12:54*	*1*

Lab Sample ID: LCS 660-163224/4
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			10.0	10.1		ug/L		101	66 - 130		
1,1-Dichloroethene			10.0	9.17		ug/L		92	51 - 150		
cis-1,2-Dichloroethene			10.0	9.86		ug/L		99	66 - 130		
Tetrachloroethene			10.0	13.3		ug/L		133	50 - 143		
Trichloroethene			10.0	11.5		ug/L		115	63 - 139		
Vinyl chloride			10.0	12.7		ug/L		127	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 660-163224/5
Matrix: Water
Analysis Batch: 163224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane			10.0	9.58		ug/L		96	66 - 130	5	30
1,1-Dichloroethene			10.0	8.38		ug/L		84	51 - 150	9	30
cis-1,2-Dichloroethene			10.0	8.99		ug/L		90	66 - 130	9	30
Tetrachloroethene			10.0	12.1		ug/L		121	50 - 143	9	30
Trichloroethene			10.0	11.2		ug/L		112	63 - 139	2	30
Vinyl chloride			10.0	11.8		ug/L		118	48 - 147	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70293-1 MS
Matrix: Water
Analysis Batch: 163224

Client Sample ID: POTW Effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	0.52	U	10.0	11.6		ug/L		116	66 - 130
1,1-Dichloroethene	0.67	U	10.0	10.3		ug/L		103	51 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	11.0		ug/L		110	66 - 130
Tetrachloroethene	0.50	U	10.0	11.6		ug/L		116	50 - 143
Trichloroethene	0.61	U	10.0	12.6		ug/L		126	63 - 139
Vinyl chloride	0.71	U	10.0	12.8		ug/L		128	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-70293-1 DU
Matrix: Water
Analysis Batch: 163224

Client Sample ID: POTW Effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-163152/7
Matrix: Water
Analysis Batch: 163152

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/09/15 13:35	1

Lab Sample ID: LCS 660-163152/4
Matrix: Water
Analysis Batch: 163152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.18		ug/L		72	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163152/5
Matrix: Water
Analysis Batch: 163152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	6.98		ug/L		70	50 - 150	3	50

Lab Sample ID: 660-70290-D-3 MS
Matrix: Water
Analysis Batch: 163152

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	4.6		10.0	11.6		ug/L		70	50 - 150		

Lab Sample ID: 660-70290-C-2 DU
Matrix: Water
Analysis Batch: 163152

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,4-Dioxane	2.7			2.70		ug/L				2	50

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-163164/1-A
Matrix: Water
Analysis Batch: 163185

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 163164

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		11/09/15 09:30	11/10/15 10:20	1
Arsenic	4.0	U	10	4.0	ug/L		11/09/15 09:30	11/10/15 10:20	1
Beryllium	0.50	U	2.0	0.50	ug/L		11/09/15 09:30	11/10/15 10:20	1
Cadmium	1.0	U	4.0	1.0	ug/L		11/09/15 09:30	11/10/15 10:20	1
Chromium	2.0	U	10	2.0	ug/L		11/09/15 09:30	11/10/15 10:20	1
Copper	2.5	U	10	2.5	ug/L		11/09/15 09:30	11/10/15 10:20	1
Lead	2.2	U	10	2.2	ug/L		11/09/15 09:30	11/10/15 10:20	1
Molybdenum	6.4	U	15	6.4	ug/L		11/09/15 09:30	11/10/15 10:20	1
Nickel	2.0	U	8.0	2.0	ug/L		11/09/15 09:30	11/10/15 10:20	1
Sodium	0.31	U	0.50	0.31	mg/L		11/09/15 09:30	11/10/15 10:20	1
Zinc	5.0	U	20	5.0	ug/L		11/09/15 09:30	11/10/15 10:20	1

Lab Sample ID: LCS 660-163164/2-A
Matrix: Water
Analysis Batch: 163185

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 163164

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aluminum			1000	1050		ug/L		105	80 - 120		
Arsenic			1000	998		ug/L		100	80 - 120		
Beryllium			1000	996		ug/L		100	80 - 120		
Cadmium			1000	1020		ug/L		102	80 - 120		
Chromium			1000	1050		ug/L		105	80 - 120		
Copper			1000	1030		ug/L		103	80 - 120		
Lead			1000	1070		ug/L		107	80 - 120		
Molybdenum			1000	1060		ug/L		106	80 - 120		
Nickel			1000	1010		ug/L		101	80 - 120		

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 660-163164/2-A
Matrix: Water
Analysis Batch: 163185

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 163164

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sodium	10.0	10.1		mg/L		101	80 - 120
Zinc	1000	1050		ug/L		105	80 - 120

Lab Sample ID: LCSD 660-163164/22-A
Matrix: Water
Analysis Batch: 163185

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 163164

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	1000	1030		ug/L		103	80 - 120	3	20
Arsenic	1000	917		ug/L		92	80 - 120	9	20
Beryllium	1000	912		ug/L		91	80 - 120	9	20
Cadmium	1000	936		ug/L		94	80 - 120	9	20
Chromium	1000	956		ug/L		96	80 - 120	9	20
Copper	1000	944		ug/L		94	80 - 120	9	20
Lead	1000	980		ug/L		98	80 - 120	9	20
Molybdenum	1000	967		ug/L		97	80 - 120	9	20
Nickel	1000	927		ug/L		93	80 - 120	8	20
Sodium	10.0	10.0		mg/L		100	80 - 120	0	20
Zinc	1000	963		ug/L		96	80 - 120	9	20

Lab Sample ID: 660-70293-1 MS
Matrix: Water
Analysis Batch: 163185

Client Sample ID: POTW Effluent
Prep Type: Total Recoverable
Prep Batch: 163164

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	50	U	1000	1070		ug/L		107	80 - 120
Arsenic	4.0	U	1000	1050		ug/L		105	80 - 120
Beryllium	0.55	I	1000	1030		ug/L		103	80 - 120
Cadmium	1.0	U	1000	1040		ug/L		104	80 - 120
Chromium	2.0	U	1000	1040		ug/L		104	80 - 120
Copper	2.5	U	1000	1040		ug/L		104	80 - 120
Lead	2.2	U	1000	1030		ug/L		103	80 - 120
Molybdenum	6.4	U	1000	1070		ug/L		107	80 - 120
Nickel	2.0	U	1000	987		ug/L		99	80 - 120
Sodium	110		10.0	120		mg/L		96	80 - 120
Zinc	5.0	U	1000	1080		ug/L		108	80 - 120

Lab Sample ID: 660-70293-1 MSD
Matrix: Water
Analysis Batch: 163185

Client Sample ID: POTW Effluent
Prep Type: Total Recoverable
Prep Batch: 163164

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	50	U	1000	1090		ug/L		109	80 - 120	1	20
Arsenic	4.0	U	1000	1020		ug/L		102	80 - 120	3	20
Beryllium	0.55	I	1000	1010		ug/L		101	80 - 120	2	20
Cadmium	1.0	U	1000	1020		ug/L		102	80 - 120	3	20
Chromium	2.0	U	1000	1020		ug/L		102	80 - 120	2	20
Copper	2.5	U	1000	1020		ug/L		102	80 - 120	2	20
Lead	2.2	U	1000	1010		ug/L		101	80 - 120	2	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 660-70293-1 MSD
Matrix: Water
Analysis Batch: 163185

Client Sample ID: POTW Effluent
Prep Type: Total Recoverable
Prep Batch: 163164

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Molybdenum	6.4	U	1000	1040		ug/L		104	80 - 120	2	20
Nickel	2.0	U	1000	962		ug/L		96	80 - 120	3	20
Sodium	110		10.0	119		mg/L		86	80 - 120	1	20
Zinc	5.0	U	1000	1060		ug/L		106	80 - 120	2	20

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70293-1

GC/MS VOA

Analysis Batch: 163152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70290-C-2 DU	Duplicate	Total/NA	Water	8260C SIM	
660-70290-D-3 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-70293-1	POTW Effluent	Total/NA	Water	8260C SIM	
LCS 660-163152/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-163152/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-163152/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 163224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70293-1	POTW Effluent	Total/NA	Water	8260B	
660-70293-1 DU	POTW Effluent	Total/NA	Water	8260B	
660-70293-1 MS	POTW Effluent	Total/NA	Water	8260B	
LCS 660-163224/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-163224/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-163224/7	Method Blank	Total/NA	Water	8260B	

Metals

Prep Batch: 163164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70293-1	POTW Effluent	Total Recoverable	Water	3005A	
660-70293-1 MS	POTW Effluent	Total Recoverable	Water	3005A	
660-70293-1 MSD	POTW Effluent	Total Recoverable	Water	3005A	
LCS 660-163164/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 660-163164/22-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 660-163164/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 163185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70293-1	POTW Effluent	Total Recoverable	Water	6010B	163164
660-70293-1 MS	POTW Effluent	Total Recoverable	Water	6010B	163164
660-70293-1 MSD	POTW Effluent	Total Recoverable	Water	6010B	163164
LCS 660-163164/2-A	Lab Control Sample	Total Recoverable	Water	6010B	163164
LCSD 660-163164/22-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	163164
MB 660-163164/1-A	Method Blank	Total Recoverable	Water	6010B	163164

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70293-1

Client Sample ID: POTW Effluent

Lab Sample ID: 660-70293-1

Date Collected: 11/06/15 09:40

Matrix: Water

Date Received: 11/06/15 13:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163224	11/11/15 13:50	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	163152	11/09/15 17:25	TGP	TAL TAM
Total Recoverable	Prep	3005A			163164	11/09/15 09:30	ASD	TAL TAM
Total Recoverable	Analysis	6010B		1	163185	11/10/15 10:32	GAF	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70293-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
6010B	Metals (ICP)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70293-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

11/11/2015

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamerica.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Sarasota	TAT Requested (days): 48 hour turn			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243				Other:
Phone: 941-929-8747	PO #:59731 60313454 03.09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: POTW Effluent Compliance	Project #:			
Site: Tallevast	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	6010B metals			Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A					
POTW Effluent	11/6/15	~~9:00~~ 1140	G/C	Water	N	N	2	2	1				The 6010B 11 metals are: Al, As, Be, Cd, Cr, Cu, Ni, Pb, Zn, Na, Mo
													temp -97
													ph 6.16

Loc: 660
70293

660-70293 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				11-5-15 1700	AECOM
Relinquished by:	Date/Time: 11-6-15 1100 hrs	Company AECOM	Received by:	Date/Time: 11-6-15 1200	Company TA Tampa
Relinquished by:	Date/Time: 11-6-15 1315	Company TA Tampa	Received by:	Date/Time: 11/6/15 1315	Company TA Tampa

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4 / 0.5

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-70293-1

Login Number: 70293
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-70571-1
Client Project/Site: Tallevast

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
11/24/2015 3:44:50 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70571-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-70571-1	AOP Feed	Water	11/20/15 09:00	11/20/15 17:40
660-70571-2	AOP-A effluent	Water	11/20/15 09:05	11/20/15 17:40
660-70571-3	AOP-B effluent	Water	11/20/15 09:10	11/20/15 17:40
660-70571-4	AOP-C Effluent	Water	11/20/15 09:15	11/20/15 17:40
660-70571-5	PGE	Water	11/20/15 09:20	11/20/15 17:40
660-70571-6	SGE	Water	11/20/15 09:25	11/20/15 17:40
660-70571-7	Combined Influent	Water	11/20/15 09:30	11/20/15 17:40

Job ID: 660-70571-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-70571-1

Comments
No additional comments.

Receipt
The samples were received on 11/20/2015 5:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.8º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70571-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70571-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-70571-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.3		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	28		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.4		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	16		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.0		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	58		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-70571-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-70571-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.1		1.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	0.62	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-70571-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.2		1.0	0.52	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.1		1.0	0.65	ug/L	1		8260B	Total/NA
Trichloroethene	1.1		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-70571-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-70571-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-70571-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	39		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	11		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	31		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	26		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	9.5		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	59		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-70571-1
Date Collected: 11/20/15 09:00
Matrix: Water
Date Received: 11/20/15 17:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	6.9		1.0	0.52	ug/L			11/23/15 13:07	1
1,1-Dichloroethene	9.3		1.0	0.67	ug/L			11/23/15 13:07	1
cis-1,2-Dichloroethene	28		1.0	0.65	ug/L			11/23/15 13:07	1
Tetrachloroethene	4.4		1.0	0.50	ug/L			11/23/15 13:07	1
Trichloroethene	16		1.0	0.61	ug/L			11/23/15 13:07	1
Vinyl chloride	2.0		1.0	0.71	ug/L			11/23/15 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/23/15 13:07*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/23/15 13:07*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/23/15 13:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	58		2.0	1.0	ug/L			11/23/15 16:16	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-70571-2
Date Collected: 11/20/15 09:05
Matrix: Water
Date Received: 11/20/15 17:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.6		1.0	0.52	ug/L			11/23/15 10:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/23/15 10:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/23/15 10:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/23/15 10:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/23/15 10:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/23/15 10:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*11/23/15 10:38*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/23/15 10:38*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/23/15 10:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.5		2.0	1.0	ug/L			11/23/15 13:43	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-70571-3
Date Collected: 11/20/15 09:10
Matrix: Water
Date Received: 11/20/15 17:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.1		1.0	0.52	ug/L			11/23/15 10:56	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/23/15 10:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/23/15 10:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/23/15 10:56	1
Trichloroethene	0.62	I	1.0	0.61	ug/L			11/23/15 10:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/23/15 10:56	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-70571-3
Matrix: Water
Date Collected: 11/20/15 09:10
Date Received: 11/20/15 17:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/23/15 10:56*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*11/23/15 10:56*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/23/15 10:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.9**		2.0	1.0	ug/L			11/23/15 15:01	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-70571-4
Matrix: Water
Date Collected: 11/20/15 09:15
Date Received: 11/20/15 17:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.2**		1.0	0.52	ug/L			11/23/15 12:11	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/23/15 12:11	1
cis-1,2-Dichloroethene	**1.1**		1.0	0.65	ug/L			11/23/15 12:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/23/15 12:11	1
Trichloroethene	**1.1**		1.0	0.61	ug/L			11/23/15 12:11	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/23/15 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/23/15 12:11*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*11/23/15 12:11*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/23/15 12:11*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.9**		2.0	1.0	ug/L			11/23/15 15:20	1

Client Sample ID: PGE

Lab Sample ID: 660-70571-5
Matrix: Water
Date Collected: 11/20/15 09:20
Date Received: 11/20/15 17:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.4**		1.0	0.52	ug/L			11/23/15 12:30	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/23/15 12:30	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/23/15 12:30	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/23/15 12:30	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/23/15 12:30	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/23/15 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*11/23/15 12:30*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*11/23/15 12:30*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/23/15 12:30*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.1**		2.0	1.0	ug/L			11/23/15 15:39	1

Client Sample ID: SGE

Lab Sample ID: 660-70571-6

Date Collected: 11/20/15 09:25

Matrix: Water

Date Received: 11/20/15 17:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/23/15 12:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/23/15 12:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/23/15 12:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/23/15 12:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/23/15 12:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/23/15 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*11/23/15 12:48*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/23/15 12:48*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/23/15 12:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.5**		2.0	1.0	ug/L			11/23/15 15:57	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-70571-7

Date Collected: 11/20/15 09:30

Matrix: Water

Date Received: 11/20/15 17:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/23/15 13:25	1
Benzene	0.50	U	1.0	0.50	ug/L			11/23/15 13:25	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/23/15 13:25	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/23/15 13:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/23/15 13:25	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/23/15 13:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/23/15 13:25	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/23/15 13:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/23/15 13:25	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/23/15 13:25	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/23/15 13:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/23/15 13:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/23/15 13:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/23/15 13:25	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/23/15 13:25	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/23/15 13:25	1
cis-1,2-Dichloroethene	**39**		1.0	0.65	ug/L			11/23/15 13:25	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/23/15 13:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/23/15 13:25	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/23/15 13:25	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/23/15 13:25	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/23/15 13:25	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/23/15 13:25	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/23/15 13:25	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/23/15 13:25	1
1,1-Dichloroethane	**11**		1.0	0.52	ug/L			11/23/15 13:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/23/15 13:25	1
1,1-Dichloroethene	**31**		1.0	0.67	ug/L			11/23/15 13:25	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70571-1

Client Sample ID: Combined Influent
Date Collected: 11/20/15 09:30
Date Received: 11/20/15 17:40

Lab Sample ID: 660-70571-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/23/15 13:25	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/23/15 13:25	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/23/15 13:25	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/23/15 13:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/23/15 13:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/23/15 13:25	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/23/15 13:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/23/15 13:25	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/23/15 13:25	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/23/15 13:25	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/23/15 13:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/23/15 13:25	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/23/15 13:25	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/23/15 13:25	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/23/15 13:25	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/23/15 13:25	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/23/15 13:25	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/23/15 13:25	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/23/15 13:25	1
Styrene	0.98	U	2.0	0.98	ug/L			11/23/15 13:25	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/23/15 13:25	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/23/15 13:25	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/23/15 13:25	1
Tetrachloroethene	**9.3**		1.0	0.50	ug/L			11/23/15 13:25	1
Toluene	0.51	U	1.0	0.51	ug/L			11/23/15 13:25	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/23/15 13:25	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/23/15 13:25	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/23/15 13:25	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/23/15 13:25	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/23/15 13:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/23/15 13:25	1
Trichloroethene	**26**		1.0	0.61	ug/L			11/23/15 13:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/23/15 13:25	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/23/15 13:25	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/23/15 13:25	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/23/15 13:25	1
Vinyl chloride	**9.5**		1.0	0.71	ug/L			11/23/15 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*11/23/15 13:25*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/23/15 13:25*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/23/15 13:25*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**59**		2.0	1.0	ug/L			11/23/15 16:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70571-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-163579/7
Matrix: Water
Analysis Batch: 163579

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/23/15 10:09	1
Benzene	0.50	U	1.0	0.50	ug/L			11/23/15 10:09	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/23/15 10:09	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/23/15 10:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/23/15 10:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/23/15 10:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/23/15 10:09	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/23/15 10:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/23/15 10:09	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/23/15 10:09	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/23/15 10:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/23/15 10:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/23/15 10:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/23/15 10:09	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/23/15 10:09	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/23/15 10:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/23/15 10:09	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/23/15 10:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/23/15 10:09	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/23/15 10:09	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/23/15 10:09	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/23/15 10:09	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/23/15 10:09	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/23/15 10:09	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			11/23/15 10:09	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			11/23/15 10:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/23/15 10:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/23/15 10:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/23/15 10:09	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/23/15 10:09	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/23/15 10:09	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/23/15 10:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/23/15 10:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/23/15 10:09	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/23/15 10:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/23/15 10:09	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/23/15 10:09	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/23/15 10:09	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/23/15 10:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/23/15 10:09	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/23/15 10:09	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/23/15 10:09	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/23/15 10:09	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/23/15 10:09	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/23/15 10:09	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/23/15 10:09	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/23/15 10:09	1
Styrene	0.98	U	2.0	0.98	ug/L			11/23/15 10:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-163579/7
Matrix: Water
Analysis Batch: 163579

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/23/15 10:09	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/23/15 10:09	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/23/15 10:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/23/15 10:09	1
Toluene	0.51	U	1.0	0.51	ug/L			11/23/15 10:09	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/23/15 10:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/23/15 10:09	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/23/15 10:09	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/23/15 10:09	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/23/15 10:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/23/15 10:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/23/15 10:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/23/15 10:09	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/23/15 10:09	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/23/15 10:09	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/23/15 10:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/23/15 10:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/23/15 10:09*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*11/23/15 10:09*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*11/23/15 10:09*	*1*

Lab Sample ID: LCS 660-163579/4
Matrix: Water
Analysis Batch: 163579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	83.7		ug/L		84	62 - 142
Benzene	10.0	11.8		ug/L		118	68 - 134
Bromobenzene	10.0	12.1		ug/L		121	70 - 130
Bromoform	10.0	11.9		ug/L		119	65 - 130
Bromomethane	10.0	10.6		ug/L		106	22 - 150
2-Butanone (MEK)	100	76.9		ug/L		77	63 - 140
Carbon disulfide	10.0	11.7		ug/L		117	30 - 150
Carbon tetrachloride	10.0	12.0		ug/L		120	61 - 134
Chlorobenzene	10.0	11.6		ug/L		116	70 - 130
Chlorobromomethane	10.0	11.6		ug/L		116	70 - 130
Chlorodibromomethane	10.0	11.5		ug/L		115	70 - 130
Chloroethane	10.0	11.4		ug/L		114	39 - 150
Chloroform	10.0	12.1		ug/L		121	68 - 130
Chloromethane	10.0	10.1		ug/L		101	35 - 150
2-Chlorotoluene	10.0	12.1		ug/L		121	70 - 130
4-Chlorotoluene	10.0	12.6		ug/L		126	70 - 130
cis-1,2-Dichloroethene	10.0	12.0		ug/L		120	66 - 130
cis-1,3-Dichloropropene	10.0	11.6		ug/L		116	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.9		ug/L		109	63 - 130
Dibromomethane	10.0	11.6		ug/L		116	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163579/4
Matrix: Water
Analysis Batch: 163579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	12.3		ug/L		123	70 - 130
1,3-Dichlorobenzene	10.0	12.3		ug/L		123	70 - 130
1,4-Dichlorobenzene	10.0	12.2		ug/L		122	70 - 130
Dichlorobromomethane	10.0	11.9		ug/L		119	70 - 130
Dichlorodifluoromethane	10.0	9.12		ug/L		91	16 - 149
1,1-Dichloroethane	10.0	12.1		ug/L		121	66 - 130
1,2-Dichloroethane	10.0	12.1		ug/L		121	70 - 130
1,1-Dichloroethene	10.0	10.4		ug/L		104	51 - 150
1,2-Dichloropropane	10.0	11.9		ug/L		119	70 - 130
1,3-Dichloropropane	10.0	11.2		ug/L		112	70 - 130
2,2-Dichloropropane	10.0	12.5		ug/L		125	66 - 134
1,1-Dichloropropene	10.0	11.7		ug/L		117	65 - 136
Ethylbenzene	10.0	11.3		ug/L		113	70 - 130
Ethylene Dibromide	10.0	11.5		ug/L		115	66 - 130
Hexachlorobutadiene	10.0	11.6		ug/L		116	62 - 143
2-Hexanone	100	76.9		ug/L		77	60 - 148
Isopropylbenzene	10.0	10.1		ug/L		101	62 - 130
4-Isopropyltoluene	10.0	9.74		ug/L		97	65 - 134
Methylene Chloride	10.0	12.2		ug/L		122	57 - 130
4-Methyl-2-pentanone (MIBK)	100	79.1		ug/L		79	64 - 137
Methyl tert-butyl ether	10.0	11.3		ug/L		113	67 - 130
Naphthalene	10.0	8.08		ug/L		81	50 - 136
n-Butylbenzene	10.0	9.62		ug/L		96	61 - 131
N-Propylbenzene	10.0	12.1		ug/L		121	67 - 130
o-Xylene	10.0	10.1		ug/L		101	69 - 130
sec-Butylbenzene	10.0	10.1		ug/L		101	68 - 133
Styrene	10.0	10.5		ug/L		105	68 - 131
tert-Butylbenzene	10.0	10.4		ug/L		104	64 - 130
1,1,1,2-Tetrachloroethane	10.0	11.1		ug/L		111	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.4		ug/L		114	70 - 130
Tetrachloroethene	10.0	11.9		ug/L		119	50 - 143
Toluene	10.0	11.9		ug/L		119	70 - 131
trans-1,2-Dichloroethene	10.0	12.0		ug/L		120	62 - 139
trans-1,3-Dichloropropene	10.0	11.7		ug/L		117	67 - 130
1,2,3-Trichlorobenzene	10.0	9.62		ug/L		96	58 - 132
1,2,4-Trichlorobenzene	10.0	11.7		ug/L		117	66 - 130
1,1,1-Trichloroethane	10.0	12.5		ug/L		125	63 - 132
1,1,2-Trichloroethane	10.0	10.7		ug/L		107	70 - 130
Trichloroethene	10.0	12.2		ug/L		122	63 - 139
Trichlorofluoromethane	10.0	9.80		ug/L		98	62 - 146
1,2,3-Trichloropropane	10.0	11.7		ug/L		117	66 - 130
1,2,4-Trimethylbenzene	10.0	10.4		ug/L		104	70 - 132
1,3,5-Trimethylbenzene	10.0	10.4		ug/L		104	65 - 134
Vinyl chloride	10.0	11.0		ug/L		110	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163579/4
Matrix: Water
Analysis Batch: 163579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: LCSD 660-163579/5
Matrix: Water
Analysis Batch: 163579

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	80.8		ug/L		81	62 - 142	4	30
Benzene			10.0	10.4		ug/L		104	68 - 134	12	30
Bromobenzene			10.0	11.2		ug/L		112	70 - 130	7	30
Bromoform			10.0	10.8		ug/L		108	65 - 130	10	30
Bromomethane			10.0	10.7		ug/L		107	22 - 150	1	30
2-Butanone (MEK)			100	71.7		ug/L		72	63 - 140	7	30
Carbon disulfide			10.0	9.86		ug/L		99	30 - 150	17	30
Carbon tetrachloride			10.0	10.7		ug/L		107	61 - 134	12	30
Chlorobenzene			10.0	10.6		ug/L		106	70 - 130	9	30
Chlorobromomethane			10.0	10.8		ug/L		108	70 - 130	7	30
Chlorodibromomethane			10.0	10.9		ug/L		109	70 - 130	5	30
Chloroethane			10.0	11.2		ug/L		112	39 - 150	1	30
Chloroform			10.0	10.7		ug/L		107	68 - 130	13	30
Chloromethane			10.0	8.30		ug/L		83	35 - 150	20	30
2-Chlorotoluene			10.0	10.8		ug/L		108	70 - 130	12	30
4-Chlorotoluene			10.0	11.6		ug/L		116	70 - 130	9	30
cis-1,2-Dichloroethene			10.0	10.7		ug/L		107	66 - 130	12	30
cis-1,3-Dichloropropene			10.0	10.7		ug/L		107	70 - 130	9	30
1,2-Dibromo-3-Chloropropane			10.0	10.9		ug/L		109	63 - 130	0	30
Dibromomethane			10.0	11.1		ug/L		111	70 - 130	5	30
1,2-Dichlorobenzene			10.0	11.2		ug/L		112	70 - 130	9	30
1,3-Dichlorobenzene			10.0	11.2		ug/L		112	70 - 130	10	30
1,4-Dichlorobenzene			10.0	11.1		ug/L		111	70 - 130	10	30
Dichlorobromomethane			10.0	11.9		ug/L		119	70 - 130	0	30
Dichlorodifluoromethane			10.0	8.60		ug/L		86	16 - 149	6	30
1,1-Dichloroethane			10.0	11.4		ug/L		114	66 - 130	7	30
1,2-Dichloroethane			10.0	11.1		ug/L		111	70 - 130	8	30
1,1-Dichloroethene			10.0	9.35		ug/L		94	51 - 150	10	30
1,2-Dichloropropane			10.0	10.4		ug/L		104	70 - 130	14	30
1,3-Dichloropropane			10.0	10.2		ug/L		102	70 - 130	9	30
2,2-Dichloropropane			10.0	10.6		ug/L		106	66 - 134	16	30
1,1-Dichloropropene			10.0	10.7		ug/L		107	65 - 136	9	30
Ethylbenzene			10.0	10.6		ug/L		106	70 - 130	6	30
Ethylene Dibromide			10.0	10.7		ug/L		107	66 - 130	7	30
Hexachlorobutadiene			10.0	11.8		ug/L		118	62 - 143	2	30
2-Hexanone			100	71.7		ug/L		72	60 - 148	7	30
Isopropylbenzene			10.0	8.93		ug/L		89	62 - 130	12	30
4-Isopropyltoluene			10.0	8.80		ug/L		88	65 - 134	10	30
Methylene Chloride			10.0	10.5		ug/L		105	57 - 130	14	30
4-Methyl-2-pentanone (MIBK)			100	75.5		ug/L		75	64 - 137	5	30
Methyl tert-butyl ether			10.0	10.5		ug/L		105	67 - 130	8	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-163579/5
Matrix: Water
Analysis Batch: 163579

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	7.86		ug/L		79	50 - 136	3	30
n-Butylbenzene			10.0	8.59		ug/L		86	61 - 131	11	30
N-Propylbenzene			10.0	10.6		ug/L		106	67 - 130	14	30
o-Xylene			10.0	8.93		ug/L		89	69 - 130	12	30
sec-Butylbenzene			10.0	9.08		ug/L		91	68 - 133	10	30
Styrene			10.0	9.37		ug/L		94	68 - 131	11	30
tert-Butylbenzene			10.0	9.24		ug/L		92	64 - 130	12	30
1,1,1,2-Tetrachloroethane			10.0	10.5		ug/L		105	70 - 130	5	30
1,1,2,2-Tetrachloroethane			10.0	10.2		ug/L		102	70 - 130	11	30
Tetrachloroethene			10.0	10.7		ug/L		107	50 - 143	11	30
Toluene			10.0	10.8		ug/L		108	70 - 131	10	30
trans-1,2-Dichloroethene			10.0	10.9		ug/L		109	62 - 139	9	30
trans-1,3-Dichloropropene			10.0	11.4		ug/L		114	67 - 130	3	30
1,2,3-Trichlorobenzene			10.0	9.27		ug/L		93	58 - 132	4	30
1,2,4-Trichlorobenzene			10.0	10.9		ug/L		109	66 - 130	7	30
1,1,1-Trichloroethane			10.0	10.2		ug/L		102	63 - 132	20	30
1,1,2-Trichloroethane			10.0	9.98		ug/L		100	70 - 130	7	30
Trichloroethene			10.0	10.0		ug/L		100	63 - 139	20	30
Trichlorofluoromethane			10.0	10.6		ug/L		106	62 - 146	8	30
1,2,3-Trichloropropane			10.0	10.1		ug/L		101	66 - 130	15	30
1,2,4-Trimethylbenzene			10.0	8.95		ug/L		89	70 - 132	15	30
1,3,5-Trimethylbenzene			10.0	9.18		ug/L		92	65 - 134	12	30
Vinyl chloride			10.0	9.47		ug/L		95	48 - 147	15	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-70571-3 MS
Matrix: Water
Analysis Batch: 163579

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20		100	92.6		ug/L		73	62 - 142
Benzene	0.50	U	10.0	11.2		ug/L		112	68 - 134
Bromobenzene	0.58	U	10.0	11.0		ug/L		110	70 - 130
Bromoform	0.63	U	10.0	11.1		ug/L		111	65 - 130
Bromomethane	2.5	U	10.0	8.98		ug/L		90	22 - 150
2-Butanone (MEK)	8.4	U	100	69.8		ug/L		70	63 - 140
Carbon disulfide	1.0	U	10.0	10.3		ug/L		103	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.6		ug/L		116	61 - 134
Chlorobenzene	0.63	U	10.0	11.3		ug/L		113	70 - 130
Chlorobromomethane	0.58	U	10.0	11.7		ug/L		117	70 - 130
Chlorodibromomethane	0.31	U	10.0	11.1		ug/L		111	70 - 130
Chloroethane	2.5	U	10.0	9.65		ug/L		96	39 - 150
Chloroform	0.90	U	10.0	11.7		ug/L		117	68 - 130
Chloromethane	1.0	U	10.0	8.14		ug/L		81	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70571-3 MS
Matrix: Water
Analysis Batch: 163579

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	11.7		ug/L		117	70 - 130
4-Chlorotoluene	0.52	U	10.0	11.8		ug/L		118	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	11.2		ug/L		112	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	10.4		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.6		ug/L		106	63 - 130
Dibromomethane	0.46	U	10.0	10.8		ug/L		108	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.4		ug/L		114	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.7		ug/L		117	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.4		ug/L		114	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.9		ug/L		119	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	8.23		ug/L		82	16 - 149
1,1-Dichloroethane	5.1		10.0	16.3		ug/L		113	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.7		ug/L		107	70 - 130
1,1-Dichloroethene	0.67	U	10.0	9.82		ug/L		98	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.6		ug/L		106	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.4		ug/L		104	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.9		ug/L		119	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.0		ug/L		110	65 - 136
Ethylbenzene	0.44	U	10.0	11.2		ug/L		112	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.9		ug/L		109	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.8		ug/L		118	62 - 143
2-Hexanone	4.4	U	100	66.3		ug/L		66	60 - 148
Isopropylbenzene	0.52	U	10.0	10.1		ug/L		101	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.46		ug/L		95	65 - 134
Methylene Chloride	4.0	U	10.0	10.9		ug/L		109	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	71.1		ug/L		71	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.4		ug/L		104	67 - 130
Naphthalene	2.5	U	10.0	7.83		ug/L		78	50 - 136
n-Butylbenzene	0.67	U	10.0	9.43		ug/L		94	61 - 131
N-Propylbenzene	0.59	U	10.0	11.7		ug/L		117	67 - 130
o-Xylene	0.50	U	10.0	9.38		ug/L		94	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.95		ug/L		100	68 - 133
Styrene	0.98	U	10.0	9.71		ug/L		97	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.79		ug/L		98	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.0		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.4		ug/L		104	70 - 130
Tetrachloroethene	0.50	U	10.0	11.1		ug/L		111	50 - 143
Toluene	0.51	U	10.0	11.0		ug/L		110	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	11.3		ug/L		113	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.9		ug/L		109	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.22		ug/L		92	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	11.0		ug/L		110	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.0		ug/L		120	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.6		ug/L		106	70 - 130
Trichloroethene	0.62	I	10.0	11.6		ug/L		110	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.84		ug/L		98	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.93		ug/L		99	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.64		ug/L		96	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70571-3 MS
Matrix: Water
Analysis Batch: 163579

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	9.71		ug/L		97	65 - 134
Vinyl chloride	0.71	U	10.0	8.69		ug/L		87	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-70571-2 DU
Matrix: Water
Analysis Batch: 163579

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	20		20.5		ug/L		4	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	5.6		4.98		ug/L		12	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-70571-2 DU
Matrix: Water
Analysis Batch: 163579

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-163591/7
Matrix: Water
Analysis Batch: 163591

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			11/23/15 13:24	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-163591/4
Matrix: Water
Analysis Batch: 163591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.51		ug/L		75	50 - 150

Lab Sample ID: LCSD 660-163591/5
Matrix: Water
Analysis Batch: 163591

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	8.80		ug/L		88	50 - 150	16	50

Lab Sample ID: 660-70571-2 MS
Matrix: Water
Analysis Batch: 163591

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	3.5		10.0	9.70		ug/L		62	50 - 150

Lab Sample ID: 660-70571-2 MSD
Matrix: Water
Analysis Batch: 163591

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	3.5		10.0	11.6		ug/L		81	50 - 150	18	50

GC/MS VOA

Analysis Batch: 163579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70571-1	AOP Feed	Total/NA	Water	8260B	
660-70571-2	AOP-A effluent	Total/NA	Water	8260B	
660-70571-2 DU	AOP-A effluent	Total/NA	Water	8260B	
660-70571-3	AOP-B effluent	Total/NA	Water	8260B	
660-70571-3 MS	AOP-B effluent	Total/NA	Water	8260B	
660-70571-4	AOP-C Effluent	Total/NA	Water	8260B	
660-70571-5	PGE	Total/NA	Water	8260B	
660-70571-6	SGE	Total/NA	Water	8260B	
660-70571-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-163579/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-163579/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-163579/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 163591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-70571-1	AOP Feed	Total/NA	Water	8260C SIM	
660-70571-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-70571-2 MS	AOP-A effluent	Total/NA	Water	8260C SIM	
660-70571-2 MSD	AOP-A effluent	Total/NA	Water	8260C SIM	
660-70571-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-70571-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-70571-5	PGE	Total/NA	Water	8260C SIM	
660-70571-6	SGE	Total/NA	Water	8260C SIM	
660-70571-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-163591/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-163591/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-163591/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: AOP Feed
Lab Sample ID: 660-70571-1
Date Collected: 11/20/15 09:00
Matrix: Water
Date Received: 11/20/15 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163579	11/23/15 13:07	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163591	11/23/15 16:16	TGP	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-70571-2
Date Collected: 11/20/15 09:05
Matrix: Water
Date Received: 11/20/15 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163579	11/23/15 10:38	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163591	11/23/15 13:43	TGP	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-70571-3
Date Collected: 11/20/15 09:10
Matrix: Water
Date Received: 11/20/15 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163579	11/23/15 10:56	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163591	11/23/15 15:01	TGP	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-70571-4
Date Collected: 11/20/15 09:15
Matrix: Water
Date Received: 11/20/15 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163579	11/23/15 12:11	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163591	11/23/15 15:20	TGP	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-70571-5
Date Collected: 11/20/15 09:20
Matrix: Water
Date Received: 11/20/15 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163579	11/23/15 12:30	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163591	11/23/15 15:39	TGP	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-70571-6
Date Collected: 11/20/15 09:25
Matrix: Water
Date Received: 11/20/15 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163579	11/23/15 12:48	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70571-1

Client Sample ID: SGE

Lab Sample ID: 660-70571-6

Date Collected: 11/20/15 09:25
Matrix: Water
Date Received: 11/20/15 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	163591	11/23/15 15:57	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-70571-7

Date Collected: 11/20/15 09:30
Matrix: Water
Date Received: 11/20/15 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	163579	11/23/15 13:25	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	163591	11/23/15 16:36	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70571-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70571-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11/24/2015

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Damin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 59731 60313454 03.09.01			
Email: Damin.Johnson@aecom.com	WO #:			
Project Name: Process Sampling	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List						Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A								
AOP Feed	11/20/15	9:00	G	Water	N	N	2	2								3015, 4001, 4010, 2103 off
AOP-A effluent	11/20/15	0905	G	Water	N	N	2	2								2104 @ 34 gpm
AOP-B effluent	11/20/15	0910	G	Water	N	N	2	2								inf flow @ 140
AOP-C Effluent	11/20/15	0915	G	Water	N	N	2	2								AOP-A @ 60
PGE	11/20/15	0920	G	Water	N	N	2	2								AOP-B @ 44
SGE	11/20/15	0925	G	Water	N	N	2	2								AOP-C @ 40
Combined Influent	11/20/15	0930	G	Water	N	N		2	2							

Loc: 660 70571

660-70571 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 11/19/15 1400	Company AECOM
Relinquished by:	Date/Time: 11/20/15 1555	Company AECOM	Received by:	Date/Time: 11-20-15 1555	Company TA Tampa
Relinquished by:	Date/Time: 11-20-15 1740	Company TA Tampa	Received by:	Date/Time: 11-20-15 1740	Company TA TPA

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: D4/0C CN-09

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-70571-1

Login Number: 70571
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-71008-1
Client Project/Site: Tallevast

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
12/16/2015 2:21:07 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71008-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-71008-1	AOP Feed	Water	12/14/15 09:00	12/14/15 13:50
660-71008-2	AOP-A effluent	Water	12/14/15 09:05	12/14/15 13:50
660-71008-3	AOP-B effluent	Water	12/14/15 09:10	12/14/15 13:50
660-71008-4	AOP-C Effluent	Water	12/14/15 09:15	12/14/15 13:50
660-71008-5	PGE	Water	12/14/15 09:20	12/14/15 13:50
660-71008-6	SGE	Water	12/14/15 09:25	12/14/15 13:50
660-71008-7	Combined Influent	Water	12/14/15 09:30	12/14/15 13:50

Job ID: 660-71008-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-71008-1

Comments
No additional comments.

Receipt
The samples were received on 12/14/2015 1:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71008-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71008-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-71008-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.5		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	33		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	9.3		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.4		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	50	J3	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-71008-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-71008-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-71008-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-71008-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-71008-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-71008-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	44		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	29		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.1		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.94	I	1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	17		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	4.7		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	52		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-71008-1
Date Collected: 12/14/15 09:00
Matrix: Water
Date Received: 12/14/15 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	6.4		1.0	0.52	ug/L			12/15/15 13:15	1
1,1-Dichloroethene	9.5		1.0	0.67	ug/L			12/15/15 13:15	1
cis-1,2-Dichloroethene	33		1.0	0.65	ug/L			12/15/15 13:15	1
Tetrachloroethene	3.5		1.0	0.50	ug/L			12/15/15 13:15	1
Trichloroethene	9.3		1.0	0.61	ug/L			12/15/15 13:15	1
Vinyl chloride	1.4		1.0	0.71	ug/L			12/15/15 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*12/15/15 13:15*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*12/15/15 13:15*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*12/15/15 13:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	50	J3	2.0	1.0	ug/L			12/15/15 16:16	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-71008-2
Date Collected: 12/14/15 09:05
Matrix: Water
Date Received: 12/14/15 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.8		1.0	0.52	ug/L			12/15/15 09:51	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/15/15 09:51	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/15/15 09:51	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/15/15 09:51	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/15/15 09:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/15/15 09:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*12/15/15 09:51*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*12/15/15 09:51*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*12/15/15 09:51*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.6		2.0	1.0	ug/L			12/15/15 17:30	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-71008-3
Date Collected: 12/14/15 09:10
Matrix: Water
Date Received: 12/14/15 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.4		1.0	0.52	ug/L			12/15/15 10:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/15/15 10:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/15/15 10:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/15/15 10:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/15/15 10:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/15/15 10:09	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-71008-3
Matrix: Water
Date Collected: 12/14/15 09:10
Date Received: 12/14/15 13:50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*12/15/15 10:09*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*12/15/15 10:09*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*12/15/15 10:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.5**		2.0	1.0	ug/L			12/15/15 17:49	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-71008-4
Matrix: Water
Date Collected: 12/14/15 09:15
Date Received: 12/14/15 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.5**		1.0	0.52	ug/L			12/15/15 12:19	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/15/15 12:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/15/15 12:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/15/15 12:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/15/15 12:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/15/15 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*12/15/15 12:19*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*12/15/15 12:19*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/15/15 12:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.6**		2.0	1.0	ug/L			12/15/15 18:11	1

Client Sample ID: PGE

Lab Sample ID: 660-71008-5
Matrix: Water
Date Collected: 12/14/15 09:20
Date Received: 12/14/15 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.9**		1.0	0.52	ug/L			12/15/15 12:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/15/15 12:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/15/15 12:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/15/15 12:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/15/15 12:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/15/15 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*12/15/15 12:38*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*12/15/15 12:38*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*12/15/15 12:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.0**		2.0	1.0	ug/L			12/15/15 18:29	1

Client Sample ID: SGE

Lab Sample ID: 660-71008-6

Date Collected: 12/14/15 09:25

Matrix: Water

Date Received: 12/14/15 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			12/15/15 12:56	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/15/15 12:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/15/15 12:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/15/15 12:56	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/15/15 12:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/15/15 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*12/15/15 12:56*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*12/15/15 12:56*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*12/15/15 12:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.8**		2.0	1.0	ug/L			12/15/15 18:48	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-71008-7

Date Collected: 12/14/15 09:30

Matrix: Water

Date Received: 12/14/15 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			12/15/15 13:33	1
Benzene	0.50	U	1.0	0.50	ug/L			12/15/15 13:33	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			12/15/15 13:33	1
Bromoform	0.63	U	1.0	0.63	ug/L			12/15/15 13:33	1
Bromomethane	2.5	U	5.0	2.5	ug/L			12/15/15 13:33	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			12/15/15 13:33	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			12/15/15 13:33	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			12/15/15 13:33	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			12/15/15 13:33	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			12/15/15 13:33	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			12/15/15 13:33	1
Chloroethane	2.5	U	5.0	2.5	ug/L			12/15/15 13:33	1
Chloroform	0.90	U	1.0	0.90	ug/L			12/15/15 13:33	1
Chloromethane	1.0	U	4.0	1.0	ug/L			12/15/15 13:33	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			12/15/15 13:33	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			12/15/15 13:33	1
cis-1,2-Dichloroethene	**44**		1.0	0.65	ug/L			12/15/15 13:33	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			12/15/15 13:33	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			12/15/15 13:33	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			12/15/15 13:33	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			12/15/15 13:33	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			12/15/15 13:33	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			12/15/15 13:33	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			12/15/15 13:33	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			12/15/15 13:33	1
1,1-Dichloroethane	**8.9**		1.0	0.52	ug/L			12/15/15 13:33	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			12/15/15 13:33	1
1,1-Dichloroethene	**29**		1.0	0.67	ug/L			12/15/15 13:33	1

Client Sample ID: Combined Influent
Date Collected: 12/14/15 09:30
Date Received: 12/14/15 13:50

Lab Sample ID: 660-71008-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			12/15/15 13:33	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			12/15/15 13:33	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			12/15/15 13:33	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			12/15/15 13:33	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			12/15/15 13:33	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			12/15/15 13:33	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			12/15/15 13:33	1
2-Hexanone	4.4	U	10	4.4	ug/L			12/15/15 13:33	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			12/15/15 13:33	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			12/15/15 13:33	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			12/15/15 13:33	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			12/15/15 13:33	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			12/15/15 13:33	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			12/15/15 13:33	1
Naphthalene	2.5	U	5.0	2.5	ug/L			12/15/15 13:33	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			12/15/15 13:33	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			12/15/15 13:33	1
o-Xylene	0.50	U	1.0	0.50	ug/L			12/15/15 13:33	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			12/15/15 13:33	1
Styrene	0.98	U	2.0	0.98	ug/L			12/15/15 13:33	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			12/15/15 13:33	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			12/15/15 13:33	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			12/15/15 13:33	1
Tetrachloroethene	**8.1**		1.0	0.50	ug/L			12/15/15 13:33	1
Toluene	0.51	U	1.0	0.51	ug/L			12/15/15 13:33	1
trans-1,2-Dichloroethene	**0.94**	**I**	1.0	0.67	ug/L			12/15/15 13:33	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			12/15/15 13:33	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			12/15/15 13:33	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			12/15/15 13:33	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/15/15 13:33	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/15/15 13:33	1
Trichloroethene	**17**		1.0	0.61	ug/L			12/15/15 13:33	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			12/15/15 13:33	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			12/15/15 13:33	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			12/15/15 13:33	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			12/15/15 13:33	1
Vinyl chloride	**4.7**		1.0	0.71	ug/L			12/15/15 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*12/15/15 13:33*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*12/15/15 13:33*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*12/15/15 13:33*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**52**		2.0	1.0	ug/L			12/15/15 19:08	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-164422/7
Matrix: Water
Analysis Batch: 164422

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			12/15/15 09:23	1
Benzene	0.50	U	1.0	0.50	ug/L			12/15/15 09:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			12/15/15 09:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			12/15/15 09:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			12/15/15 09:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			12/15/15 09:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			12/15/15 09:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			12/15/15 09:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			12/15/15 09:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			12/15/15 09:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			12/15/15 09:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			12/15/15 09:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			12/15/15 09:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			12/15/15 09:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			12/15/15 09:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			12/15/15 09:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/15/15 09:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			12/15/15 09:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			12/15/15 09:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			12/15/15 09:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			12/15/15 09:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			12/15/15 09:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			12/15/15 09:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			12/15/15 09:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			12/15/15 09:23	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			12/15/15 09:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			12/15/15 09:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/15/15 09:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			12/15/15 09:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			12/15/15 09:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			12/15/15 09:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			12/15/15 09:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			12/15/15 09:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			12/15/15 09:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			12/15/15 09:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			12/15/15 09:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			12/15/15 09:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			12/15/15 09:23	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			12/15/15 09:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			12/15/15 09:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			12/15/15 09:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			12/15/15 09:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			12/15/15 09:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			12/15/15 09:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			12/15/15 09:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			12/15/15 09:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			12/15/15 09:23	1
Styrene	0.98	U	2.0	0.98	ug/L			12/15/15 09:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-164422/7
Matrix: Water
Analysis Batch: 164422

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			12/15/15 09:23	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			12/15/15 09:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			12/15/15 09:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/15/15 09:23	1
Toluene	0.51	U	1.0	0.51	ug/L			12/15/15 09:23	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/15/15 09:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			12/15/15 09:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			12/15/15 09:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			12/15/15 09:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/15/15 09:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/15/15 09:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/15/15 09:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			12/15/15 09:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			12/15/15 09:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			12/15/15 09:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			12/15/15 09:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/15/15 09:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*12/15/15 09:23*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*12/15/15 09:23*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/15/15 09:23*	*1*

Lab Sample ID: LCS 660-164422/4
Matrix: Water
Analysis Batch: 164422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	96.5		ug/L		96	62 - 142
Benzene	10.0	9.27		ug/L		93	68 - 134
Bromobenzene	10.0	10.5		ug/L		105	70 - 130
Bromoform	10.0	9.74		ug/L		97	65 - 130
Bromomethane	10.0	8.82		ug/L		88	22 - 150
2-Butanone (MEK)	100	84.8		ug/L		85	63 - 140
Carbon disulfide	10.0	9.49		ug/L		95	30 - 150
Carbon tetrachloride	10.0	10.6		ug/L		106	61 - 134
Chlorobenzene	10.0	9.86		ug/L		99	70 - 130
Chlorobromomethane	10.0	10.2		ug/L		102	70 - 130
Chlorodibromomethane	10.0	10.0		ug/L		100	70 - 130
Chloroethane	10.0	10.6		ug/L		106	39 - 150
Chloroform	10.0	10.1		ug/L		101	68 - 130
Chloromethane	10.0	10.5		ug/L		105	35 - 150
2-Chlorotoluene	10.0	9.90		ug/L		99	70 - 130
4-Chlorotoluene	10.0	10.1		ug/L		101	70 - 130
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	66 - 130
cis-1,3-Dichloropropene	10.0	9.07		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.56		ug/L		96	63 - 130
Dibromomethane	10.0	10.3		ug/L		103	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-164422/4
Matrix: Water
Analysis Batch: 164422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
1,3-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
1,4-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
Dichlorobromomethane	10.0	10.2		ug/L		102	70 - 130
Dichlorodifluoromethane	10.0	9.61		ug/L		96	16 - 149
1,1-Dichloroethane	10.0	10.0		ug/L		100	66 - 130
1,2-Dichloroethane	10.0	9.97		ug/L		100	70 - 130
1,1-Dichloroethene	10.0	9.18		ug/L		92	51 - 150
1,2-Dichloropropane	10.0	9.27		ug/L		93	70 - 130
1,3-Dichloropropane	10.0	9.05		ug/L		91	70 - 130
2,2-Dichloropropane	10.0	9.79		ug/L		98	66 - 134
1,1-Dichloropropene	10.0	8.35		ug/L		84	65 - 136
Ethylbenzene	10.0	9.48		ug/L		95	70 - 130
Ethylene Dibromide	10.0	9.55		ug/L		96	66 - 130
Hexachlorobutadiene	10.0	11.1		ug/L		111	62 - 143
2-Hexanone	100	84.1		ug/L		84	60 - 148
Isopropylbenzene	10.0	8.20		ug/L		82	62 - 130
4-Isopropyltoluene	10.0	8.07		ug/L		81	65 - 134
Methylene Chloride	10.0	9.78		ug/L		98	57 - 130
4-Methyl-2-pentanone (MIBK)	100	68.6		ug/L		69	64 - 137
Methyl tert-butyl ether	10.0	8.50		ug/L		85	67 - 130
Naphthalene	10.0	6.60		ug/L		66	50 - 136
n-Butylbenzene	10.0	8.29		ug/L		83	61 - 131
N-Propylbenzene	10.0	8.49		ug/L		85	67 - 130
o-Xylene	10.0	9.27		ug/L		93	69 - 130
sec-Butylbenzene	10.0	8.41		ug/L		84	68 - 133
Styrene	10.0	8.43		ug/L		84	68 - 131
tert-Butylbenzene	10.0	8.64		ug/L		86	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.2		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.27		ug/L		93	70 - 130
Tetrachloroethene	10.0	8.89		ug/L		89	50 - 143
Toluene	10.0	9.47		ug/L		95	70 - 131
trans-1,2-Dichloroethene	10.0	9.69		ug/L		97	62 - 139
trans-1,3-Dichloropropene	10.0	9.33		ug/L		93	67 - 130
1,2,3-Trichlorobenzene	10.0	8.93		ug/L		89	58 - 132
1,2,4-Trichlorobenzene	10.0	9.67		ug/L		97	66 - 130
1,1,1-Trichloroethane	10.0	9.94		ug/L		99	63 - 132
1,1,2-Trichloroethane	10.0	9.13		ug/L		91	70 - 130
Trichloroethene	10.0	9.47		ug/L		95	63 - 139
Trichlorofluoromethane	10.0	11.5		ug/L		115	62 - 146
1,2,3-Trichloropropane	10.0	9.72		ug/L		97	66 - 130
1,2,4-Trimethylbenzene	10.0	8.25		ug/L		83	70 - 132
1,3,5-Trimethylbenzene	10.0	8.36		ug/L		84	65 - 134
Vinyl chloride	10.0	9.77		ug/L		98	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-164422/4
Matrix: Water
Analysis Batch: 164422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 660-164422/5
Matrix: Water
Analysis Batch: 164422

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	88.8		ug/L		89	62 - 142	8	30
Benzene			10.0	8.44		ug/L		84	68 - 134	9	30
Bromobenzene			10.0	9.62		ug/L		96	70 - 130	9	30
Bromoform			10.0	9.92		ug/L		99	65 - 130	2	30
Bromomethane			10.0	8.34		ug/L		83	22 - 150	6	30
2-Butanone (MEK)			100	83.7		ug/L		84	63 - 140	1	30
Carbon disulfide			10.0	8.32		ug/L		83	30 - 150	13	30
Carbon tetrachloride			10.0	9.67		ug/L		97	61 - 134	9	30
Chlorobenzene			10.0	9.34		ug/L		93	70 - 130	5	30
Chlorobromomethane			10.0	9.04		ug/L		90	70 - 130	12	30
Chlorodibromomethane			10.0	9.32		ug/L		93	70 - 130	7	30
Chloroethane			10.0	10.3		ug/L		103	39 - 150	3	30
Chloroform			10.0	9.45		ug/L		94	68 - 130	7	30
Chloromethane			10.0	9.48		ug/L		95	35 - 150	10	30
2-Chlorotoluene			10.0	9.64		ug/L		96	70 - 130	3	30
4-Chlorotoluene			10.0	9.83		ug/L		98	70 - 130	3	30
cis-1,2-Dichloroethene			10.0	9.30		ug/L		93	66 - 130	8	30
cis-1,3-Dichloropropene			10.0	8.73		ug/L		87	70 - 130	4	30
1,2-Dibromo-3-Chloropropane			10.0	7.99		ug/L		80	63 - 130	18	30
Dibromomethane			10.0	9.26		ug/L		93	70 - 130	11	30
1,2-Dichlorobenzene			10.0	9.94		ug/L		99	70 - 130	3	30
1,3-Dichlorobenzene			10.0	9.99		ug/L		100	70 - 130	2	30
1,4-Dichlorobenzene			10.0	9.75		ug/L		98	70 - 130	7	30
Dichlorobromomethane			10.0	10.1		ug/L		101	70 - 130	1	30
Dichlorodifluoromethane			10.0	9.79		ug/L		98	16 - 149	2	30
1,1-Dichloroethane			10.0	9.10		ug/L		91	66 - 130	9	30
1,2-Dichloroethane			10.0	9.16		ug/L		92	70 - 130	8	30
1,1-Dichloroethene			10.0	7.93		ug/L		79	51 - 150	15	30
1,2-Dichloropropane			10.0	8.68		ug/L		87	70 - 130	6	30
1,3-Dichloropropane			10.0	8.75		ug/L		88	70 - 130	3	30
2,2-Dichloropropane			10.0	9.71		ug/L		97	66 - 134	1	30
1,1-Dichloropropene			10.0	8.02		ug/L		80	65 - 136	4	30
Ethylbenzene			10.0	8.78		ug/L		88	70 - 130	8	30
Ethylene Dibromide			10.0	9.06		ug/L		91	66 - 130	5	30
Hexachlorobutadiene			10.0	11.0		ug/L		110	62 - 143	1	30
2-Hexanone			100	86.8		ug/L		87	60 - 148	3	30
Isopropylbenzene			10.0	7.82		ug/L		78	62 - 130	5	30
4-Isopropyltoluene			10.0	7.84		ug/L		78	65 - 134	3	30
Methylene Chloride			10.0	8.61		ug/L		86	57 - 130	13	30
4-Methyl-2-pentanone (MIBK)			100	71.6		ug/L		72	64 - 137	4	30
Methyl tert-butyl ether			10.0	8.08		ug/L		81	67 - 130	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-164422/5
Matrix: Water
Analysis Batch: 164422

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	6.49		ug/L		65	50 - 136	2	30
n-Butylbenzene			10.0	7.71		ug/L		77	61 - 131	7	30
N-Propylbenzene			10.0	8.42		ug/L		84	67 - 130	1	30
o-Xylene			10.0	8.34		ug/L		83	69 - 130	11	30
sec-Butylbenzene			10.0	7.90		ug/L		79	68 - 133	6	30
Styrene			10.0	8.20		ug/L		82	68 - 131	3	30
tert-Butylbenzene			10.0	7.92		ug/L		79	64 - 130	9	30
1,1,1,2-Tetrachloroethane			10.0	9.20		ug/L		92	70 - 130	10	30
1,1,2,2-Tetrachloroethane			10.0	8.41		ug/L		84	70 - 130	10	30
Tetrachloroethene			10.0	8.57		ug/L		86	50 - 143	4	30
Toluene			10.0	8.83		ug/L		88	70 - 131	7	30
trans-1,2-Dichloroethene			10.0	9.04		ug/L		90	62 - 139	7	30
trans-1,3-Dichloropropene			10.0	9.36		ug/L		94	67 - 130	0	30
1,2,3-Trichlorobenzene			10.0	9.06		ug/L		91	58 - 132	1	30
1,2,4-Trichlorobenzene			10.0	9.81		ug/L		98	66 - 130	1	30
1,1,1-Trichloroethane			10.0	9.32		ug/L		93	63 - 132	6	30
1,1,2-Trichloroethane			10.0	9.27		ug/L		93	70 - 130	1	30
Trichloroethene			10.0	8.62		ug/L		86	63 - 139	9	30
Trichlorofluoromethane			10.0	11.0		ug/L		110	62 - 146	4	30
1,2,3-Trichloropropane			10.0	9.18		ug/L		92	66 - 130	6	30
1,2,4-Trimethylbenzene			10.0	7.80		ug/L		78	70 - 132	6	30
1,3,5-Trimethylbenzene			10.0	7.89		ug/L		79	65 - 134	6	30
Vinyl chloride			10.0	10.3		ug/L		103	48 - 147	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-71008-3 MS
Matrix: Water
Analysis Batch: 164422

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	21		100	91.2		ug/L		71	62 - 142
Benzene	0.50	U	10.0	7.89		ug/L		79	68 - 134
Bromobenzene	0.58	U	10.0	8.20		ug/L		82	70 - 130
Bromoform	0.63	U	10.0	8.46		ug/L		85	65 - 130
Bromomethane	2.5	U	10.0	7.07		ug/L		71	22 - 150
2-Butanone (MEK)	8.4	U	100	75.4		ug/L		75	63 - 140
Carbon disulfide	1.0	U	10.0	6.96		ug/L		70	30 - 150
Carbon tetrachloride	0.43	U	10.0	8.45		ug/L		85	61 - 134
Chlorobenzene	0.63	U	10.0	8.54		ug/L		85	70 - 130
Chlorobromomethane	0.58	U	10.0	7.56		ug/L		76	70 - 130
Chlorodibromomethane	0.31	U	10.0	8.52		ug/L		85	70 - 130
Chloroethane	2.5	U	10.0	8.13		ug/L		81	39 - 150
Chloroform	0.90	U	10.0	8.45		ug/L		85	68 - 130
Chloromethane	1.0	U	10.0	7.44		ug/L		74	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71008-3 MS
Matrix: Water
Analysis Batch: 164422

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	8.28		ug/L		83	70 - 130
4-Chlorotoluene	0.52	U	10.0	8.67		ug/L		87	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	8.41		ug/L		84	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.65		ug/L		77	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.79		ug/L		88	63 - 130
Dibromomethane	0.46	U	10.0	7.89		ug/L		79	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	8.64		ug/L		86	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	8.54		ug/L		85	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	8.47		ug/L		85	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.63		ug/L		86	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	6.87		ug/L		69	16 - 149
1,1-Dichloroethane	4.4		10.0	12.5		ug/L		82	66 - 130
1,2-Dichloroethane	0.57	U	10.0	8.55		ug/L		86	70 - 130
1,1-Dichloroethene	0.67	U	10.0	6.74		ug/L		67	51 - 150
1,2-Dichloropropane	0.52	U	10.0	7.98		ug/L		80	70 - 130
1,3-Dichloropropane	0.42	U	10.0	7.65		ug/L		77	70 - 130
2,2-Dichloropropane	0.36	U	10.0	8.03		ug/L		80	66 - 134
1,1-Dichloropropene	0.65	U	10.0	6.82		ug/L		68	65 - 136
Ethylbenzene	0.44	U	10.0	7.95		ug/L		79	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.40		ug/L		84	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.21		ug/L		92	62 - 143
2-Hexanone	4.4	U	100	72.0		ug/L		72	60 - 148
Isopropylbenzene	0.52	U	10.0	6.93		ug/L		69	62 - 130
4-Isopropyltoluene	0.69	U	10.0	6.55		ug/L		65	65 - 134
Methylene Chloride	4.0	U	10.0	7.58		ug/L		76	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U J3	100	62.8	J3	ug/L		63	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	6.70		ug/L		67	67 - 130
Naphthalene	2.5	U	10.0	5.26		ug/L		53	50 - 136
n-Butylbenzene	0.67	U	10.0	6.62		ug/L		66	61 - 131
N-Propylbenzene	0.59	U	10.0	7.03		ug/L		70	67 - 130
o-Xylene	0.50	U	10.0	7.86		ug/L		79	69 - 130
sec-Butylbenzene	0.63	U	10.0	6.76		ug/L		68	68 - 133
Styrene	0.98	U	10.0	6.83		ug/L		68	68 - 131
tert-Butylbenzene	0.84	U	10.0	7.17		ug/L		72	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.90		ug/L		89	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	7.90		ug/L		79	70 - 130
Tetrachloroethene	0.50	U	10.0	8.60		ug/L		86	50 - 143
Toluene	0.51	U	10.0	8.24		ug/L		82	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	7.87		ug/L		79	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.51		ug/L		75	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.02		ug/L		80	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	7.79		ug/L		78	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	8.73		ug/L		87	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.03		ug/L		90	70 - 130
Trichloroethene	0.61	U	10.0	8.41		ug/L		84	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.19		ug/L		92	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	7.96		ug/L		80	66 - 130
1,2,4-Trimethylbenzene	0.86	U J3	10.0	6.87	J3	ug/L		69	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71008-3 MS
Matrix: Water
Analysis Batch: 164422

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	6.74		ug/L		67	65 - 134
Vinyl chloride	0.71	U	10.0	7.90		ug/L		79	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-71008-2 DU
Matrix: Water
Analysis Batch: 164422

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	20		19.1	I	ug/L		3	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	4.8		4.73		ug/L		0.4	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71008-2 DU
Matrix: Water
Analysis Batch: 164422

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-164462/7
Matrix: Water
Analysis Batch: 164462

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			12/15/15 15:57	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-164462/4
Matrix: Water
Analysis Batch: 164462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	8.46		ug/L		85	50 - 150		

Lab Sample ID: LCSD 660-164462/5
Matrix: Water
Analysis Batch: 164462

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.93		ug/L		89	50 - 150	5	50

Lab Sample ID: 660-71008-1 MS
Matrix: Water
Analysis Batch: 164462

Client Sample ID: AOP Feed
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	50	J3	10.0	52.6	J3	ug/L		27	50 - 150		

Lab Sample ID: 660-71008-1 MSD
Matrix: Water
Analysis Batch: 164462

Client Sample ID: AOP Feed
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	50	J3	10.0	62.2		ug/L		123	50 - 150	17	50

GC/MS VOA

Analysis Batch: 164422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71008-1	AOP Feed	Total/NA	Water	8260B	
660-71008-2	AOP-A effluent	Total/NA	Water	8260B	
660-71008-2 DU	AOP-A effluent	Total/NA	Water	8260B	
660-71008-3	AOP-B effluent	Total/NA	Water	8260B	
660-71008-3 MS	AOP-B effluent	Total/NA	Water	8260B	
660-71008-4	AOP-C Effluent	Total/NA	Water	8260B	
660-71008-5	PGE	Total/NA	Water	8260B	
660-71008-6	SGE	Total/NA	Water	8260B	
660-71008-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-164422/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-164422/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-164422/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 164462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71008-1	AOP Feed	Total/NA	Water	8260C SIM	
660-71008-1 MS	AOP Feed	Total/NA	Water	8260C SIM	
660-71008-1 MSD	AOP Feed	Total/NA	Water	8260C SIM	
660-71008-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-71008-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-71008-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-71008-5	PGE	Total/NA	Water	8260C SIM	
660-71008-6	SGE	Total/NA	Water	8260C SIM	
660-71008-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-164462/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-164462/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-164462/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: AOP Feed
Lab Sample ID: 660-71008-1
Date Collected: 12/14/15 09:00
Matrix: Water
Date Received: 12/14/15 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	164422	12/15/15 13:15	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	164462	12/15/15 16:16	TGP	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-71008-2
Date Collected: 12/14/15 09:05
Matrix: Water
Date Received: 12/14/15 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	164422	12/15/15 09:51	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	164462	12/15/15 17:30	TGP	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-71008-3
Date Collected: 12/14/15 09:10
Matrix: Water
Date Received: 12/14/15 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	164422	12/15/15 10:09	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	164462	12/15/15 17:49	TGP	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-71008-4
Date Collected: 12/14/15 09:15
Matrix: Water
Date Received: 12/14/15 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	164422	12/15/15 12:19	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	164462	12/15/15 18:11	TGP	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-71008-5
Date Collected: 12/14/15 09:20
Matrix: Water
Date Received: 12/14/15 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	164422	12/15/15 12:38	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	164462	12/15/15 18:29	TGP	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-71008-6
Date Collected: 12/14/15 09:25
Matrix: Water
Date Received: 12/14/15 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	164422	12/15/15 12:56	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71008-1

Client Sample ID: SGE

Lab Sample ID: 660-71008-6

Date Collected: 12/14/15 09:25

Matrix: Water

Date Received: 12/14/15 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	164462	12/15/15 18:48	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-71008-7

Date Collected: 12/14/15 09:30

Matrix: Water

Date Received: 12/14/15 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	164422	12/15/15 13:33	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	164462	12/15/15 19:08	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71008-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71008-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 59731 60313454 03.09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Sampling	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List						Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A								
AOP Feed	12/14/15	9:00	G	Water	N	N	2	2								145 gpm mf
AOP-A effluent	12/14/15	0905	G	Water	N	N	2	2								2603 diff - 2604 @ 33
AOP-B effluent	12/14/15	0910	G	Water	N	N	2	2								AOP-A - 62 gpm
AOP-C Effluent	12/14/15	0915	G	Water	N	N	2	2								AOP-B 48 gpm
PGE	12/14/15	0920	G	Water	N	N	2	2								AOP-C 40 gpm
SGE	12/14/15	0925	G	Water	N	N	2	2								TT-60 - 156,033,500 gal
Combined Influent	12/14/15	0930	G	Water	N	N		2	2							

Loc: 660
71008
660-71008 Chain of Custody

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 12-16-15 1400	Company AECOM
Relinquished by:	Date/Time: 12-14-15 1243	Company AECOM	Received by:	Date/Time: 12.14.15 1243	Company TA Tampa
Relinquished by:	Date/Time: 12.14.15 1350	Company TA Tampa	Received by:	Date/Time: 12-14-15 1350	Company TA TPA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.6/3.0 CC-09

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12/16/2015

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-71008-1

Login Number: 71008
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-71124-1
Client Project/Site: Tallevast

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Darrin Johnson

Authorized for release by:
1/5/2016 2:43:22 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-71124-1	Spent Carbon	Solid	12/15/15 15:00	12/16/15 16:00
660-71124-2	Filter Press Solids	Solid	12/15/15 16:00	12/16/15 16:00
660-71124-3	Trip Blank	Water	12/15/15 00:00	12/16/15 16:00

Job ID: 660-71124-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-71124-1

Comments
No additional comments.

Receipt
The samples were received on 12/16/2015 4:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.6º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) for batch 164968 recovered outside control limits for the following analyte: hexachlorobutadiene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: Both low level analysis had internal standard failures; therefore, sample was taken from an alternate container and analyzed. Batch 164968.
Spent Carbon (660-71124-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method(s) 1311: EPA Method 1311 requires the room temperature to be maintained at 23 +/- 2 degrees Celsius for the duration of the leaching process. For batch 415744 the temperature was outside of this range. As a result, the test was not fully compliant with the requirements of 40 CFR Part 261. MIN:23.6 MAX:25.6

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Client Sample ID: Spent Carbon — Lab Sample ID: 660-71124-1

No Detections.

Client Sample ID: Filter Press Solids — Lab Sample ID: 660-71124-2

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 660-71124-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: Spent Carbon
Date Collected: 12/15/15 15:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-1
Matrix: Solid
Percent Solids: 57.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,1,1-Trichloroethane	15	U	36	15	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,1,2,2-Tetrachloroethane	24	U	36	24	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,1,2-Trichloroethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,1-Dichloroethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,1-Dichloroethene	16	U	36	16	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,1-Dichloropropene	14	U	36	14	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2,3-Trichlorobenzene	17	U	36	17	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2,3-Trichloropropane	22	U	36	22	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2,4-Trichlorobenzene	18	U J3	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2,4-Trimethylbenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2-Dibromo-3-Chloropropane	26	U	72	26	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2-Dichlorobenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2-Dichloroethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2-Dichloropropane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,3,5-Trimethylbenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,3-Dichlorobenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,3-Dichloropropane	14	U	36	14	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,4-Dichlorobenzene	18	U J3	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
2,2-Dichloropropane	14	U	36	14	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
2-Chlorotoluene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
2-Hexanone	170	U	180	170	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
4-Chlorotoluene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
4-Isopropyltoluene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Acetone	190	U	360	190	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Benzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Bromobenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Bromoform	15	U	36	15	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Bromomethane	26	U	72	26	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Carbon disulfide	36	U	72	36	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Carbon tetrachloride	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Chlorobenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Chlorobromomethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Chlorodibromomethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Chloroethane	16	U	72	16	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Chloroform	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Chloromethane	18	U	72	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
cis-1,2-Dichloroethene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
cis-1,3-Dichloropropene	14	U	36	14	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Dibromomethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Dichlorobromomethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Dichlorodifluoromethane	17	U	72	17	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Ethylbenzene	14	U	36	14	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Ethylene Dibromide	10	U	36	10	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Hexachlorobutadiene	18	U J3	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Isopropylbenzene	27	U	36	27	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
m-Xylene & p-Xylene	22	U	72	22	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
2-Butanone (MEK)	47	U	180	47	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
4-Methyl-2-pentanone (MIBK)	79	U	180	79	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1

Client Sample ID: Spent Carbon

Date Collected: 12/15/15 15:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-1
Matrix: Solid
Percent Solids: 57.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	36	U	72	36	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Methylene Chloride	29	U	36	29	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
n-Butylbenzene	15	U	36	15	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
N-Propylbenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Naphthalene	24	U J3	36	24	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
o-Xylene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
sec-Butylbenzene	17	U	36	17	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Styrene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
tert-Butylbenzene	14	U	36	14	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Tetrachloroethene	22	U	36	22	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Toluene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
trans-1,2-Dichloroethene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
trans-1,3-Dichloropropene	15	U	36	15	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Trichloroethene	16	U	36	16	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Trichlorofluoromethane	20	U	72	20	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Vinyl chloride	18	U	72	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*69 - 130*	*12/28/15 10:30*	*12/28/15 10:43*	*1*
Dibromofluoromethane	*100*		*63 - 139*	*12/28/15 10:30*	*12/28/15 10:43*	*1*
Toluene-d8 (Surr)	*94*		*67 - 138*	*12/28/15 10:30*	*12/28/15 10:43*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0050	U	0.010	0.0050	mg/L			12/23/15 15:11	10
Carbon tetrachloride	0.0043	U	0.010	0.0043	mg/L			12/23/15 15:11	10
Chlorobenzene	0.0063	U	0.010	0.0063	mg/L			12/23/15 15:11	10
Chloroform	0.0090	U	0.010	0.0090	mg/L			12/23/15 15:11	10
1,4-Dichlorobenzene	0.0060	U	0.010	0.0060	mg/L			12/23/15 15:11	10
1,2-Dichloroethane	0.0057	U	0.010	0.0057	mg/L			12/23/15 15:11	10
1,1-Dichloroethene	0.0067	U	0.010	0.0067	mg/L			12/23/15 15:11	10
2-Butanone (MEK)	0.084	U	0.10	0.084	mg/L			12/23/15 15:11	10
Trichloroethene	0.0061	U	0.010	0.0061	mg/L			12/23/15 15:11	10
Tetrachloroethene	0.0050	U	0.010	0.0050	mg/L			12/23/15 15:11	10
Vinyl chloride	0.0071	U	0.010	0.0071	mg/L			12/23/15 15:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*12/23/15 15:11*	*10*
Dibromofluoromethane	*111*		*70 - 130*		*12/23/15 15:11*	*10*
Toluene-d8 (Surr)	*107*		*70 - 130*		*12/23/15 15:11*	*10*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
Hexachlorobenzene	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
Hexachlorobutadiene	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
Hexachloroethane	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
2-Methylphenol	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
3 & 4 Methylphenol	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
Nitrobenzene	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1

Client Sample ID: Spent Carbon

Lab Sample ID: 660-71124-1
Date Collected: 12/15/15 15:00
Matrix: Solid
Date Received: 12/16/15 16:00
Percent Solids: 57.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	0.25	U	0.25	0.25	mg/L		12/24/15 16:14	01/04/16 02:15	1
Pyridine	0.25	U	0.25	0.25	mg/L		12/24/15 16:14	01/04/16 02:15	1
2,4,5-Trichlorophenol	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
2,4,6-Trichlorophenol	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*53*		*38 - 130*	*12/24/15 16:14*	*01/04/16 02:15*	*1*
2-Fluorophenol	*44*		*25 - 130*	*12/24/15 16:14*	*01/04/16 02:15*	*1*
Nitrobenzene-d5	*52*		*39 - 130*	*12/24/15 16:14*	*01/04/16 02:15*	*1*
Phenol-d5	*46*		*25 - 130*	*12/24/15 16:14*	*01/04/16 02:15*	*1*
Terphenyl-d14	*73*		*10 - 143*	*12/24/15 16:14*	*01/04/16 02:15*	*1*
2,4,6-Tribromophenol	*59*		*31 - 141*	*12/24/15 16:14*	*01/04/16 02:15*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:29	1
Barium	1.0	U	1.0	1.0	mg/L		12/24/15 09:14	12/28/15 15:29	1
Cadmium	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 15:29	1
Chromium	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:29	1
Lead	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:29	1
Selenium	0.50	U	0.50	0.50	mg/L		12/24/15 09:14	12/28/15 15:29	1
Silver	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 15:29	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.020	mg/L		12/24/15 11:37	12/28/15 14:35	1

Client Sample ID: Filter Press Solids

Lab Sample ID: 660-71124-2
Date Collected: 12/15/15 16:00
Matrix: Solid
Date Received: 12/16/15 16:00

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0050	U	0.010	0.0050	mg/L			12/23/15 15:30	10
Carbon tetrachloride	0.0043	U	0.010	0.0043	mg/L			12/23/15 15:30	10
Chlorobenzene	0.0063	U	0.010	0.0063	mg/L			12/23/15 15:30	10
Chloroform	0.0090	U	0.010	0.0090	mg/L			12/23/15 15:30	10
1,4-Dichlorobenzene	0.0060	U	0.010	0.0060	mg/L			12/23/15 15:30	10
1,2-Dichloroethane	0.0057	U	0.010	0.0057	mg/L			12/23/15 15:30	10
1,1-Dichloroethene	0.0067	U	0.010	0.0067	mg/L			12/23/15 15:30	10
2-Butanone (MEK)	0.084	U	0.10	0.084	mg/L			12/23/15 15:30	10
Trichloroethene	0.0061	U	0.010	0.0061	mg/L			12/23/15 15:30	10
Tetrachloroethene	0.0050	U	0.010	0.0050	mg/L			12/23/15 15:30	10
Vinyl chloride	0.0071	U	0.010	0.0071	mg/L			12/23/15 15:30	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*12/23/15 15:30*	*10*
Dibromofluoromethane	*109*		*70 - 130*		*12/23/15 15:30*	*10*
Toluene-d8 (Surr)	*107*		*70 - 130*		*12/23/15 15:30*	*10*

Client Sample ID: Filter Press Solids

Lab Sample ID: 660-71124-2
Matrix: Solid
Date Collected: 12/15/15 16:00
Date Received: 12/16/15 16:00

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
Hexachlorobenzene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
Hexachlorobutadiene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
Hexachloroethane	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
2-Methylphenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
3 & 4 Methylphenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
Nitrobenzene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
Pentachlorophenol	0.25	U	0.25	0.25	mg/L		12/24/15 16:14	01/04/16 02:38	1
Pyridine	0.25	U J3	0.25	0.25	mg/L		12/24/15 16:14	01/04/16 02:38	1
2,4,5-Trichlorophenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
2,4,6-Trichlorophenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*38 - 130*	*12/24/15 16:14*	*01/04/16 02:38*	*1*
2-Fluorophenol	*45*		*25 - 130*	*12/24/15 16:14*	*01/04/16 02:38*	*1*
Nitrobenzene-d5	*63*		*39 - 130*	*12/24/15 16:14*	*01/04/16 02:38*	*1*
Phenol-d5	*37*		*25 - 130*	*12/24/15 16:14*	*01/04/16 02:38*	*1*
Terphenyl-d14	*70*		*10 - 143*	*12/24/15 16:14*	*01/04/16 02:38*	*1*
2,4,6-Tribromophenol	*64*		*31 - 141*	*12/24/15 16:14*	*01/04/16 02:38*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:42	1
Barium	1.0	U	1.0	1.0	mg/L		12/24/15 09:14	12/28/15 15:42	1
Cadmium	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 15:42	1
Chromium	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:42	1
Lead	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:42	1
Selenium	0.50	U	0.50	0.50	mg/L		12/24/15 09:14	12/28/15 15:42	1
Silver	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 15:42	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.020	mg/L		12/24/15 11:37	12/28/15 14:51	1

Client Sample ID: Trip Blank

Lab Sample ID: 660-71124-3
Matrix: Water
Date Collected: 12/15/15 00:00
Date Received: 12/16/15 16:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			12/24/15 11:18	1
Benzene	0.50	U	1.0	0.50	ug/L			12/24/15 11:18	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			12/24/15 11:18	1
Bromoform	0.63	U	1.0	0.63	ug/L			12/24/15 11:18	1
Bromomethane	2.5	U	5.0	2.5	ug/L			12/24/15 11:18	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			12/24/15 11:18	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			12/24/15 11:18	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			12/24/15 11:18	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			12/24/15 11:18	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			12/24/15 11:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Client Sample ID: Trip Blank
Date Collected: 12/15/15 00:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			12/24/15 11:18	1
Chloroethane	2.5	U	5.0	2.5	ug/L			12/24/15 11:18	1
Chloroform	0.90	U	1.0	0.90	ug/L			12/24/15 11:18	1
Chloromethane	1.0	U	4.0	1.0	ug/L			12/24/15 11:18	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			12/24/15 11:18	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			12/24/15 11:18	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/24/15 11:18	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			12/24/15 11:18	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			12/24/15 11:18	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			12/24/15 11:18	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			12/24/15 11:18	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			12/24/15 11:18	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			12/24/15 11:18	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			12/24/15 11:18	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			12/24/15 11:18	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			12/24/15 11:18	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			12/24/15 11:18	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/24/15 11:18	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			12/24/15 11:18	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			12/24/15 11:18	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			12/24/15 11:18	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			12/24/15 11:18	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			12/24/15 11:18	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			12/24/15 11:18	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			12/24/15 11:18	1
2-Hexanone	4.4	U	10	4.4	ug/L			12/24/15 11:18	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			12/24/15 11:18	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			12/24/15 11:18	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			12/24/15 11:18	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			12/24/15 11:18	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			12/24/15 11:18	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			12/24/15 11:18	1
Naphthalene	2.5	U	5.0	2.5	ug/L			12/24/15 11:18	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			12/24/15 11:18	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			12/24/15 11:18	1
o-Xylene	0.50	U	1.0	0.50	ug/L			12/24/15 11:18	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			12/24/15 11:18	1
Styrene	0.98	U	2.0	0.98	ug/L			12/24/15 11:18	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			12/24/15 11:18	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			12/24/15 11:18	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			12/24/15 11:18	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/24/15 11:18	1
Toluene	0.51	U	1.0	0.51	ug/L			12/24/15 11:18	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/24/15 11:18	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			12/24/15 11:18	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			12/24/15 11:18	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			12/24/15 11:18	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/24/15 11:18	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/24/15 11:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Client Sample ID: Trip Blank
Date Collected: 12/15/15 00:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/24/15 11:18	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			12/24/15 11:18	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			12/24/15 11:18	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			12/24/15 11:18	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			12/24/15 11:18	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/24/15 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*12/24/15 11:18*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*12/24/15 11:18*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*12/24/15 11:18*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-164851/6
Matrix: Solid
Analysis Batch: 164851

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00060	U	0.0010	0.00060	mg/L			12/23/15 11:57	1
Benzene	0.00050	U	0.0010	0.00050	mg/L			12/23/15 11:57	1
1,2-Dichloroethane	0.00057	U	0.0010	0.00057	mg/L			12/23/15 11:57	1
1,1-Dichloroethene	0.00067	U	0.0010	0.00067	mg/L			12/23/15 11:57	1
Carbon tetrachloride	0.00043	U	0.0010	0.00043	mg/L			12/23/15 11:57	1
Chlorobenzene	0.00063	U	0.0010	0.00063	mg/L			12/23/15 11:57	1
Chloroform	0.00090	U	0.0010	0.00090	mg/L			12/23/15 11:57	1
2-Butanone (MEK)	0.0084	U	0.010	0.0084	mg/L			12/23/15 11:57	1
Tetrachloroethene	0.00050	U	0.0010	0.00050	mg/L			12/23/15 11:57	1
Trichloroethene	0.00061	U	0.0010	0.00061	mg/L			12/23/15 11:57	1
Vinyl chloride	0.00071	U	0.0010	0.00071	mg/L			12/23/15 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*12/23/15 11:57*	*1*
Dibromofluoromethane	*114*		*70 - 130*		*12/23/15 11:57*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*		*12/23/15 11:57*	*1*

Lab Sample ID: LCS 660-164851/4
Matrix: Solid
Analysis Batch: 164851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0100	0.00992		mg/L		99	70 - 130
Benzene	0.0100	0.0106		mg/L		106	68 - 134
1,2-Dichloroethane	0.0100	0.0117		mg/L		117	70 - 130
1,1-Dichloroethene	0.0100	0.0106		mg/L		106	51 - 150
Carbon tetrachloride	0.0100	0.0118		mg/L		118	61 - 134
Chlorobenzene	0.0100	0.0101		mg/L		101	70 - 130
Chloroform	0.0100	0.0111		mg/L		111	68 - 130
2-Butanone (MEK)	0.100	0.101		mg/L		101	63 - 140
Tetrachloroethene	0.0100	0.0112		mg/L		112	50 - 143
Trichloroethene	0.0100	0.0110		mg/L		110	63 - 139
Vinyl chloride	0.0100	0.0121		mg/L		121	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 660-164905/7
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			12/24/15 10:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			12/24/15 10:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			12/24/15 10:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-164905/7
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			12/24/15 10:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			12/24/15 10:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			12/24/15 10:12	1
Acetone	9.9	U	20	9.9	ug/L			12/24/15 10:12	1
Benzene	0.50	U	1.0	0.50	ug/L			12/24/15 10:12	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			12/24/15 10:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			12/24/15 10:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			12/24/15 10:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			12/24/15 10:12	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/24/15 10:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			12/24/15 10:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			12/24/15 10:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			12/24/15 10:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			12/24/15 10:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			12/24/15 10:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			12/24/15 10:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			12/24/15 10:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			12/24/15 10:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			12/24/15 10:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			12/24/15 10:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			12/24/15 10:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			12/24/15 10:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			12/24/15 10:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			12/24/15 10:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/24/15 10:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			12/24/15 10:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			12/24/15 10:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			12/24/15 10:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			12/24/15 10:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			12/24/15 10:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			12/24/15 10:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			12/24/15 10:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			12/24/15 10:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			12/24/15 10:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			12/24/15 10:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			12/24/15 10:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			12/24/15 10:12	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			12/24/15 10:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			12/24/15 10:12	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			12/24/15 10:12	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			12/24/15 10:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			12/24/15 10:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			12/24/15 10:12	1
Naphthalene	2.5	U	5.0	2.5	ug/L			12/24/15 10:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			12/24/15 10:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			12/24/15 10:12	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			12/24/15 10:12	1
Styrene	0.98	U	2.0	0.98	ug/L			12/24/15 10:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-164905/7
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			12/24/15 10:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			12/24/15 10:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/24/15 10:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/24/15 10:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/24/15 10:12	1
Toluene	0.51	U	1.0	0.51	ug/L			12/24/15 10:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/24/15 10:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			12/24/15 10:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			12/24/15 10:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			12/24/15 10:12	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/24/15 10:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			12/24/15 10:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			12/24/15 10:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/24/15 10:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*12/24/15 10:12*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*12/24/15 10:12*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*12/24/15 10:12*	*1*

Lab Sample ID: LCS 660-164905/4
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	10.0	9.62		ug/L		96	63 - 130
2-Chlorotoluene	10.0	9.63		ug/L		96	70 - 130
1,2-Dichlorobenzene	10.0	10.0		ug/L		100	70 - 130
1,3-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
4-Chlorotoluene	10.0	10.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	10.0	9.76		ug/L		98	70 - 130
Acetone	100	88.5		ug/L		88	62 - 142
Benzene	10.0	8.22		ug/L		82	68 - 134
1,1-Dichloroethane	10.0	9.14		ug/L		91	66 - 130
Bromobenzene	10.0	9.54		ug/L		95	70 - 130
1,2-Dichloroethane	10.0	10.1		ug/L		101	70 - 130
Bromoform	10.0	10.3		ug/L		103	65 - 130
1,1-Dichloroethene	10.0	7.48		ug/L		75	51 - 150
Bromomethane	10.0	7.13		ug/L		71	22 - 150
1,2-Dichloropropane	10.0	8.96		ug/L		90	70 - 130
Carbon disulfide	10.0	8.25		ug/L		83	30 - 150
1,3-Dichloropropane	10.0	8.76		ug/L		88	70 - 130
Carbon tetrachloride	10.0	9.23		ug/L		92	61 - 134
2,2-Dichloropropane	10.0	9.15		ug/L		92	66 - 134
Chlorobenzene	10.0	9.59		ug/L		96	70 - 130
1,1-Dichloropropene	10.0	7.11		ug/L		71	65 - 136
Chlorobromomethane	10.0	9.49		ug/L		95	70 - 130
Chlorodibromomethane	10.0	10.3		ug/L		103	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-164905/4
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	10.0	9.56		ug/L		96	39 - 150
Chloroform	10.0	9.46		ug/L		95	68 - 130
2-Hexanone	100	81.4		ug/L		81	60 - 148
Chloromethane	10.0	8.67		ug/L		87	35 - 150
cis-1,2-Dichloroethene	10.0	9.40		ug/L		94	66 - 130
4-Isopropyltoluene	10.0	7.14		ug/L		71	65 - 134
cis-1,3-Dichloropropene	10.0	9.43		ug/L		94	70 - 130
Dibromomethane	10.0	9.52		ug/L		95	70 - 130
Dichlorobromomethane	10.0	9.77		ug/L		98	70 - 130
Dichlorodifluoromethane	10.0	5.91		ug/L		59	16 - 149
Ethylbenzene	10.0	9.26		ug/L		93	70 - 130
Ethylene Dibromide	10.0	9.32		ug/L		93	66 - 130
Hexachlorobutadiene	10.0	10.8		ug/L		108	62 - 143
Isopropylbenzene	10.0	7.42		ug/L		74	62 - 130
2-Butanone (MEK)	100	82.7		ug/L		83	63 - 140
4-Methyl-2-pentanone (MIBK)	100	69.7		ug/L		70	64 - 137
1,1,1,2-Tetrachloroethane	10.0	9.43		ug/L		94	70 - 130
Methyl tert-butyl ether	10.0	8.91		ug/L		89	67 - 130
1,1,2,2-Tetrachloroethane	10.0	9.21		ug/L		92	70 - 130
Methylene Chloride	10.0	9.75		ug/L		98	57 - 130
n-Butylbenzene	10.0	7.24		ug/L		72	61 - 131
N-Propylbenzene	10.0	7.76		ug/L		78	67 - 130
Naphthalene	10.0	7.06		ug/L		71	50 - 136
o-Xylene	10.0	9.16		ug/L		92	69 - 130
sec-Butylbenzene	10.0	7.45		ug/L		75	68 - 133
1,2,3-Trichlorobenzene	10.0	9.95		ug/L		99	58 - 132
Styrene	10.0	8.37		ug/L		84	68 - 131
1,2,4-Trichlorobenzene	10.0	9.71		ug/L		97	66 - 130
tert-Butylbenzene	10.0	8.26		ug/L		83	64 - 130
1,1,1-Trichloroethane	10.0	9.01		ug/L		90	63 - 132
Tetrachloroethene	10.0	8.02		ug/L		80	50 - 143
1,1,2-Trichloroethane	10.0	8.71		ug/L		87	70 - 130
Toluene	10.0	8.75		ug/L		87	70 - 131
trans-1,2-Dichloroethene	10.0	8.51		ug/L		85	62 - 139
1,2,3-Trichloropropane	10.0	8.71		ug/L		87	66 - 130
trans-1,3-Dichloropropene	10.0	9.41		ug/L		94	67 - 130
1,2,4-Trimethylbenzene	10.0	7.49		ug/L		75	70 - 132
Trichloroethene	10.0	8.72		ug/L		87	63 - 139
1,3,5-Trimethylbenzene	10.0	7.37		ug/L		74	65 - 134
Trichlorofluoromethane	10.0	8.33		ug/L		83	62 - 146
Vinyl chloride	10.0	8.69		ug/L		87	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-164905/5
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	10.0	9.15		ug/L		91	63 - 130	5	30
2-Chlorotoluene	10.0	9.61		ug/L		96	70 - 130	0	30
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130	1	30
1,3-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130	2	30
4-Chlorotoluene	10.0	9.95		ug/L		100	70 - 130	2	30
1,4-Dichlorobenzene	10.0	10.0		ug/L		100	70 - 130	3	30
Acetone	100	102		ug/L		102	62 - 142	14	30
Benzene	10.0	8.68		ug/L		87	68 - 134	5	30
1,1-Dichloroethane	10.0	9.41		ug/L		94	66 - 130	3	30
Bromobenzene	10.0	10.1		ug/L		101	70 - 130	6	30
1,2-Dichloroethane	10.0	10.2		ug/L		102	70 - 130	1	30
Bromoform	10.0	10.2		ug/L		102	65 - 130	1	30
1,1-Dichloroethene	10.0	8.24		ug/L		82	51 - 150	10	30
Bromomethane	10.0	7.47		ug/L		75	22 - 150	5	30
1,2-Dichloropropane	10.0	8.78		ug/L		88	70 - 130	2	30
Carbon disulfide	10.0	8.45		ug/L		84	30 - 150	2	30
1,3-Dichloropropane	10.0	8.80		ug/L		88	70 - 130	1	30
Carbon tetrachloride	10.0	9.76		ug/L		98	61 - 134	6	30
2,2-Dichloropropane	10.0	9.67		ug/L		97	66 - 134	5	30
Chlorobenzene	10.0	9.11		ug/L		91	70 - 130	5	30
1,1-Dichloropropene	10.0	7.44		ug/L		74	65 - 136	5	30
Chlorobromomethane	10.0	9.61		ug/L		96	70 - 130	1	30
Chlorodibromomethane	10.0	9.80		ug/L		98	70 - 130	5	30
Chloroethane	10.0	9.09		ug/L		91	39 - 150	5	30
Chloroform	10.0	9.79		ug/L		98	68 - 130	3	30
2-Hexanone	100	92.2		ug/L		92	60 - 148	12	30
Chloromethane	10.0	8.67		ug/L		87	35 - 150	0	30
cis-1,2-Dichloroethene	10.0	9.54		ug/L		95	66 - 130	1	30
4-Isopropyltoluene	10.0	7.82		ug/L		78	65 - 134	9	30
cis-1,3-Dichloropropene	10.0	9.47		ug/L		95	70 - 130	0	30
Dibromomethane	10.0	10.4		ug/L		104	70 - 130	9	30
Dichlorobromomethane	10.0	10.3		ug/L		103	70 - 130	6	30
Dichlorodifluoromethane	10.0	6.94		ug/L		69	16 - 149	16	30
Ethylbenzene	10.0	9.58		ug/L		96	70 - 130	3	30
Ethylene Dibromide	10.0	9.62		ug/L		96	66 - 130	3	30
Hexachlorobutadiene	10.0	9.88		ug/L		99	62 - 143	9	30
Isopropylbenzene	10.0	7.99		ug/L		80	62 - 130	7	30
2-Butanone (MEK)	100	91.7		ug/L		92	63 - 140	10	30
4-Methyl-2-pentanone (MIBK)	100	80.3		ug/L		80	64 - 137	14	30
1,1,1,2-Tetrachloroethane	10.0	9.02		ug/L		90	70 - 130	4	30
Methyl tert-butyl ether	10.0	9.24		ug/L		92	67 - 130	4	30
1,1,2,2-Tetrachloroethane	10.0	9.17		ug/L		92	70 - 130	0	30
Methylene Chloride	10.0	9.20		ug/L		92	57 - 130	6	30
n-Butylbenzene	10.0	7.45		ug/L		75	61 - 131	3	30
N-Propylbenzene	10.0	8.01		ug/L		80	67 - 130	3	30
Naphthalene	10.0	6.98		ug/L		70	50 - 136	1	30
o-Xylene	10.0	9.27		ug/L		93	69 - 130	1	30
sec-Butylbenzene	10.0	7.78		ug/L		78	68 - 133	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-164905/5
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene			10.0	9.54		ug/L		95	58 - 132	4	30
Styrene			10.0	8.39		ug/L		84	68 - 131	0	30
1,2,4-Trichlorobenzene			10.0	9.88		ug/L		99	66 - 130	2	30
tert-Butylbenzene			10.0	8.58		ug/L		86	64 - 130	4	30
1,1,1-Trichloroethane			10.0	9.99		ug/L		100	63 - 132	10	30
Tetrachloroethene			10.0	8.54		ug/L		85	50 - 143	6	30
1,1,2-Trichloroethane			10.0	9.07		ug/L		91	70 - 130	4	30
Toluene			10.0	9.12		ug/L		91	70 - 131	4	30
trans-1,2-Dichloroethene			10.0	8.88		ug/L		89	62 - 139	4	30
1,2,3-Trichloropropane			10.0	8.89		ug/L		89	66 - 130	2	30
trans-1,3-Dichloropropene			10.0	9.09		ug/L		91	67 - 130	3	30
1,2,4-Trimethylbenzene			10.0	8.11		ug/L		81	70 - 132	8	30
Trichloroethene			10.0	9.30		ug/L		93	63 - 139	6	30
1,3,5-Trimethylbenzene			10.0	8.03		ug/L		80	65 - 134	8	30
Trichlorofluoromethane			10.0	9.73		ug/L		97	62 - 146	16	30
Vinyl chloride			10.0	7.60		ug/L		76	48 - 147	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*111*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-71123-C-3 MS
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.3		ug/L		103	63 - 130
2-Chlorotoluene	0.65	U	10.0	9.24		ug/L		92	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.23		ug/L		92	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.95		ug/L		99	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.87		ug/L		99	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.71		ug/L		97	70 - 130
Acetone	9.9	U	100	81.0		ug/L		81	62 - 142
Benzene	0.50	U	10.0	8.78		ug/L		88	68 - 134
1,1-Dichloroethane	0.52	U	10.0	9.76		ug/L		98	66 - 130
Bromobenzene	0.58	U	10.0	9.14		ug/L		91	70 - 130
1,2-Dichloroethane	0.57	U	10.0	10.0		ug/L		100	70 - 130
Bromoform	0.63	U	10.0	9.32		ug/L		93	65 - 130
1,1-Dichloroethene	0.67	U	10.0	8.39		ug/L		84	51 - 150
Bromomethane	2.5	U	10.0	6.04		ug/L		60	22 - 150
1,2-Dichloropropane	0.52	U	10.0	8.63		ug/L		86	70 - 130
Carbon disulfide	1.0	U	10.0	8.35		ug/L		83	30 - 150
1,3-Dichloropropane	0.42	U	10.0	8.47		ug/L		85	70 - 130
Carbon tetrachloride	0.43	U	10.0	10.6		ug/L		106	61 - 134
2,2-Dichloropropane	0.36	U	10.0	10.0		ug/L		100	66 - 134
Chlorobenzene	0.63	U	10.0	9.32		ug/L		93	70 - 130
1,1-Dichloropropene	0.65	U	10.0	8.20		ug/L		82	65 - 136

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71123-C-3 MS
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobromomethane	0.58	U	10.0	9.23		ug/L		92	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.70		ug/L		97	70 - 130
Chloroethane	2.5	U	10.0	9.44		ug/L		94	39 - 150
Chloroform	0.90	U	10.0	9.69		ug/L		97	68 - 130
2-Hexanone	4.4	U	100	75.2		ug/L		75	60 - 148
Chloromethane	1.0	U	10.0	8.13		ug/L		81	35 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	9.47		ug/L		95	66 - 130
4-Isopropyltoluene	0.69	U	10.0	7.43		ug/L		74	65 - 134
cis-1,3-Dichloropropene	0.39	U	10.0	8.51		ug/L		85	70 - 130
Dibromomethane	0.46	U	10.0	8.56		ug/L		86	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.5		ug/L		105	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	7.64		ug/L		76	16 - 149
Ethylbenzene	0.44	U	10.0	9.19		ug/L		92	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.56		ug/L		86	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.4		ug/L		104	62 - 143
Isopropylbenzene	0.52	U	10.0	7.70		ug/L		77	62 - 130
2-Butanone (MEK)	8.4	U	100	76.3		ug/L		76	63 - 140
4-Methyl-2-pentanone (MIBK)	4.0	U	100	68.4		ug/L		68	64 - 137
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.85		ug/L		88	70 - 130
Methyl tert-butyl ether	0.44	U	10.0	7.94		ug/L		79	67 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	7.72		ug/L		77	70 - 130
Methylene Chloride	4.0	U	10.0	8.20		ug/L		82	57 - 130
n-Butylbenzene	0.67	U	10.0	7.45		ug/L		74	61 - 131
N-Propylbenzene	0.59	U	10.0	8.20		ug/L		82	67 - 130
Naphthalene	2.5	U	10.0	5.88		ug/L		59	50 - 136
o-Xylene	0.50	U	10.0	8.90		ug/L		89	69 - 130
sec-Butylbenzene	0.63	U	10.0	7.66		ug/L		77	68 - 133
1,2,3-Trichlorobenzene	0.77	U	10.0	8.87		ug/L		89	58 - 132
Styrene	0.98	U	10.0	7.59		ug/L		76	68 - 131
1,2,4-Trichlorobenzene	0.58	U	10.0	9.02		ug/L		90	66 - 130
tert-Butylbenzene	0.84	U	10.0	7.93		ug/L		79	64 - 130
1,1,1-Trichloroethane	0.47	U	10.0	11.0		ug/L		110	63 - 132
Tetrachloroethene	0.50	U	10.0	9.49		ug/L		95	50 - 143
1,1,2-Trichloroethane	0.47	U	10.0	9.31		ug/L		93	70 - 130
Toluene	0.51	U	10.0	9.11		ug/L		91	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.39		ug/L		84	62 - 139
1,2,3-Trichloropropane	0.44	U	10.0	8.97		ug/L		90	66 - 130
trans-1,3-Dichloropropene	0.27	U	10.0	9.12		ug/L		91	67 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	7.97		ug/L		80	70 - 132
Trichloroethene	0.61	U	10.0	8.71		ug/L		87	63 - 139
1,3,5-Trimethylbenzene	0.54	U	10.0	7.77		ug/L		78	65 - 134
Trichlorofluoromethane	2.5	U	10.0	11.0		ug/L		110	62 - 146
Vinyl chloride	0.71	U	10.0	9.26		ug/L		93	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 660-71123-C-2 DU
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	2.5	U		2.5	U	ug/L				NC	30
2-Chlorotoluene	0.65	U		0.65	U	ug/L				NC	30
1,2-Dichlorobenzene	0.49	U		0.49	U	ug/L				NC	30
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
4-Chlorotoluene	0.52	U		0.52	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Acetone	9.9	U		9.9	U	ug/L				NC	30
Benzene	0.50	U		0.50	U	ug/L				NC	30
1,1-Dichloroethane	0.52	U		0.52	U	ug/L				NC	30
Bromobenzene	0.58	U		0.58	U	ug/L				NC	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
Bromoform	0.63	U		0.63	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
Bromomethane	2.5	U		2.5	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
Carbon disulfide	1.0	U		1.0	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
Carbon tetrachloride	0.43	U		0.43	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
Chlorobenzene	0.63	U		0.63	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Chlorobromomethane	0.58	U		0.58	U	ug/L				NC	30
Chlorodibromomethane	0.31	U		0.31	U	ug/L				NC	30
Chloroethane	2.5	U		2.5	U	ug/L				NC	30
Chloroform	0.90	U		0.90	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Chloromethane	1.0	U		1.0	U	ug/L				NC	30
cis-1,2-Dichloroethene	0.65	U		0.65	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
cis-1,3-Dichloropropene	0.39	U		0.39	U	ug/L				NC	30
Dibromomethane	0.46	U		0.46	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
2-Butanone (MEK)	8.4	U		8.4	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71123-C-2 DU
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Styrene	0.98	U		0.98	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*108*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 660-164968/6
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	3.6	U	10	3.6	ug/Kg			12/28/15 09:52	1
2-Chlorotoluene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,3-Dichlorobenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
4-Chlorotoluene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,4-Dichlorobenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Acetone	27	U	50	27	ug/Kg			12/28/15 09:52	1
Benzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,1-Dichloroethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Bromobenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,2-Dichloroethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Bromoform	2.1	U	5.0	2.1	ug/Kg			12/28/15 09:52	1
1,1-Dichloroethene	2.2	U	5.0	2.2	ug/Kg			12/28/15 09:52	1
Bromomethane	3.6	U	10	3.6	ug/Kg			12/28/15 09:52	1
1,2-Dichloropropane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Carbon disulfide	5.0	U	10	5.0	ug/Kg			12/28/15 09:52	1
1,3-Dichloropropane	2.0	U	5.0	2.0	ug/Kg			12/28/15 09:52	1
Carbon tetrachloride	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
2,2-Dichloropropane	2.0	U	5.0	2.0	ug/Kg			12/28/15 09:52	1
Chlorobenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,1-Dichloropropene	2.0	U	5.0	2.0	ug/Kg			12/28/15 09:52	1
Chlorobromomethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-164968/6
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Chloroethane	2.2	U	10	2.2	ug/Kg			12/28/15 09:52	1
Chloroform	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
2-Hexanone	23	U	25	23	ug/Kg			12/28/15 09:52	1
Chloromethane	2.5	U	10	2.5	ug/Kg			12/28/15 09:52	1
cis-1,2-Dichloroethene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
4-Isopropyltoluene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/Kg			12/28/15 09:52	1
Dibromomethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Dichlorobromomethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Dichlorodifluoromethane	2.4	U	10	2.4	ug/Kg			12/28/15 09:52	1
Ethylbenzene	2.0	U	5.0	2.0	ug/Kg			12/28/15 09:52	1
Ethylene Dibromide	1.4	U	5.0	1.4	ug/Kg			12/28/15 09:52	1
Hexachlorobutadiene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Isopropylbenzene	3.8	U	5.0	3.8	ug/Kg			12/28/15 09:52	1
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/Kg			12/28/15 09:52	1
2-Butanone (MEK)	6.5	U	25	6.5	ug/Kg			12/28/15 09:52	1
4-Methyl-2-pentanone (MIBK)	11	U	25	11	ug/Kg			12/28/15 09:52	1
1,1,1,2-Tetrachloroethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Methyl tert-butyl ether	5.0	U	10	5.0	ug/Kg			12/28/15 09:52	1
1,1,2,2-Tetrachloroethane	3.4	U	5.0	3.4	ug/Kg			12/28/15 09:52	1
Methylene Chloride	4.0	U	5.0	4.0	ug/Kg			12/28/15 09:52	1
n-Butylbenzene	2.1	U	5.0	2.1	ug/Kg			12/28/15 09:52	1
N-Propylbenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Naphthalene	3.4	U	5.0	3.4	ug/Kg			12/28/15 09:52	1
o-Xylene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
sec-Butylbenzene	2.4	U	5.0	2.4	ug/Kg			12/28/15 09:52	1
1,2,3-Trichlorobenzene	2.4	U	5.0	2.4	ug/Kg			12/28/15 09:52	1
Styrene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,2,4-Trichlorobenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
tert-Butylbenzene	2.0	U	5.0	2.0	ug/Kg			12/28/15 09:52	1
1,1,1-Trichloroethane	2.1	U	5.0	2.1	ug/Kg			12/28/15 09:52	1
Tetrachloroethene	3.0	U	5.0	3.0	ug/Kg			12/28/15 09:52	1
1,1,2-Trichloroethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Toluene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
trans-1,2-Dichloroethene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,2,3-Trichloropropane	3.0	U	5.0	3.0	ug/Kg			12/28/15 09:52	1
trans-1,3-Dichloropropene	2.1	U	5.0	2.1	ug/Kg			12/28/15 09:52	1
1,2,4-Trimethylbenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Trichloroethene	2.2	U	5.0	2.2	ug/Kg			12/28/15 09:52	1
1,3,5-Trimethylbenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Trichlorofluoromethane	2.8	U	10	2.8	ug/Kg			12/28/15 09:52	1
Vinyl chloride	2.5	U	10	2.5	ug/Kg			12/28/15 09:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*69 - 130*		*12/28/15 09:52*	*1*
Dibromofluoromethane	*102*		*63 - 139*		*12/28/15 09:52*	*1*
Toluene-d8 (Surr)	*94*		*67 - 138*		*12/28/15 09:52*	*1*

Lab Sample ID: LCS 660-164968/4
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	50.0	63.2		ug/Kg		126	54 - 130
2-Chlorotoluene	50.0	50.9		ug/Kg		102	60 - 130
1,2-Dichlorobenzene	50.0	52.4		ug/Kg		105	60 - 130
1,3-Dichlorobenzene	50.0	51.1		ug/Kg		102	55 - 130
4-Chlorotoluene	50.0	52.0		ug/Kg		104	63 - 130
1,4-Dichlorobenzene	50.0	51.7		ug/Kg		103	64 - 130
Acetone	500	462		ug/Kg		92	67 - 133
Benzene	50.0	42.1		ug/Kg		84	61 - 131
1,1-Dichloroethane	50.0	45.3		ug/Kg		91	47 - 130
Bromobenzene	50.0	50.0		ug/Kg		100	58 - 130
1,2-Dichloroethane	50.0	49.3		ug/Kg		99	63 - 130
Bromoform	50.0	59.1		ug/Kg		118	62 - 130
1,1-Dichloroethene	50.0	42.0		ug/Kg		84	54 - 144
Bromomethane	50.0	39.2		ug/Kg		78	48 - 136
1,2-Dichloropropane	50.0	50.3		ug/Kg		101	55 - 130
Carbon disulfide	50.0	38.7		ug/Kg		77	34 - 143
1,3-Dichloropropane	50.0	50.8		ug/Kg		102	63 - 130
Carbon tetrachloride	50.0	51.7		ug/Kg		103	57 - 130
2,2-Dichloropropane	50.0	48.6		ug/Kg		97	55 - 130
Chlorobenzene	50.0	49.3		ug/Kg		99	62 - 130
1,1-Dichloropropene	50.0	43.3		ug/Kg		87	55 - 130
Chlorobromomethane	50.0	42.7		ug/Kg		85	50 - 130
Chlorodibromomethane	50.0	57.2		ug/Kg		114	57 - 130
Chloroethane	50.0	46.4		ug/Kg		93	49 - 140
Chloroform	50.0	45.9		ug/Kg		92	62 - 130
2-Hexanone	500	488		ug/Kg		98	69 - 136
Chloromethane	50.0	41.0		ug/Kg		82	35 - 139
cis-1,2-Dichloroethene	50.0	44.1		ug/Kg		88	62 - 130
4-Isopropyltoluene	50.0	51.4		ug/Kg		103	64 - 130
cis-1,3-Dichloropropene	50.0	50.7		ug/Kg		101	60 - 130
Dibromomethane	50.0	50.0		ug/Kg		100	68 - 130
Dichlorobromomethane	50.0	55.9		ug/Kg		112	66 - 130
Dichlorodifluoromethane	50.0	35.2		ug/Kg		70	10 - 140
Ethylbenzene	50.0	48.4		ug/Kg		97	68 - 130
Ethylene Dibromide	50.0	50.2		ug/Kg		100	64 - 130
Hexachlorobutadiene	50.0	65.5	J3	ug/Kg		131	57 - 130
Isopropylbenzene	50.0	50.2		ug/Kg		100	60 - 130
2-Butanone (MEK)	500	457		ug/Kg		91	70 - 130
4-Methyl-2-pentanone (MIBK)	500	482		ug/Kg		96	69 - 134
1,1,1,2-Tetrachloroethane	50.0	55.6		ug/Kg		111	56 - 130
Methyl tert-butyl ether	50.0	42.1		ug/Kg		84	55 - 134
1,1,2,2-Tetrachloroethane	50.0	50.7		ug/Kg		101	64 - 130
Methylene Chloride	50.0	44.0		ug/Kg		88	50 - 135
n-Butylbenzene	50.0	53.1		ug/Kg		106	63 - 130
N-Propylbenzene	50.0	50.4		ug/Kg		101	63 - 130
Naphthalene	50.0	63.8		ug/Kg		128	60 - 130
o-Xylene	50.0	48.4		ug/Kg		97	64 - 130
sec-Butylbenzene	50.0	51.4		ug/Kg		103	63 - 130
1,2,3-Trichlorobenzene	50.0	63.2		ug/Kg		126	57 - 130
Styrene	50.0	50.0		ug/Kg		100	58 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-164968/4
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	62.9		ug/Kg		126	59 - 130
tert-Butylbenzene	50.0	54.0		ug/Kg		108	62 - 130
1,1,1-Trichloroethane	50.0	48.2		ug/Kg		96	57 - 130
Tetrachloroethene	50.0	49.4		ug/Kg		99	56 - 130
1,1,2-Trichloroethane	50.0	48.9		ug/Kg		98	62 - 130
Toluene	50.0	46.5		ug/Kg		93	61 - 130
trans-1,2-Dichloroethene	50.0	43.7		ug/Kg		87	46 - 135
1,2,3-Trichloropropane	50.0	51.7		ug/Kg		103	60 - 130
trans-1,3-Dichloropropene	50.0	56.2		ug/Kg		112	65 - 130
1,2,4-Trimethylbenzene	50.0	51.2		ug/Kg		102	59 - 130
Trichloroethene	50.0	50.0		ug/Kg		100	54 - 131
1,3,5-Trimethylbenzene	50.0	51.3		ug/Kg		103	58 - 130
Trichlorofluoromethane	50.0	52.7		ug/Kg		105	53 - 130
Vinyl chloride	50.0	40.3		ug/Kg		81	46 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*69 - 130*
Dibromofluoromethane	*105*		*63 - 139*
Toluene-d8 (Surr)	*100*		*67 - 138*

Lab Sample ID: 660-71124-1 MS
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Spent Carbon
Prep Type: Total/NA
Prep Batch: 165003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	26	U	348	336		ug/Kg	☼	97	54 - 130
2-Chlorotoluene	18	U	348	260		ug/Kg	☼	75	60 - 130
1,2-Dichlorobenzene	18	U	348	223		ug/Kg	☼	64	60 - 130
1,3-Dichlorobenzene	18	U	348	210		ug/Kg	☼	60	55 - 130
4-Chlorotoluene	18	U	348	239		ug/Kg	☼	69	63 - 130
1,4-Dichlorobenzene	18	U J3	348	201	J3	ug/Kg	☼	58	64 - 130
Acetone	190	U	3480	2840		ug/Kg	☼	82	67 - 133
Benzene	18	U	348	215		ug/Kg	☼	62	61 - 131
1,1-Dichloroethane	18	U	348	285		ug/Kg	☼	82	47 - 130
Bromobenzene	18	U	348	224		ug/Kg	☼	64	58 - 130
1,2-Dichloroethane	18	U	348	245		ug/Kg	☼	70	63 - 130
Bromoform	15	U	348	326		ug/Kg	☼	94	62 - 130
1,1-Dichloroethene	16	U	348	219		ug/Kg	☼	63	54 - 144
Bromomethane	26	U	348	217		ug/Kg	☼	62	48 - 136
1,2-Dichloropropane	18	U	348	280		ug/Kg	☼	81	55 - 130
Carbon disulfide	36	U	348	193		ug/Kg	☼	55	34 - 143
1,3-Dichloropropane	14	U	348	262		ug/Kg	☼	75	63 - 130
Carbon tetrachloride	18	U	348	281		ug/Kg	☼	81	57 - 130
2,2-Dichloropropane	14	U	348	264		ug/Kg	☼	76	55 - 130
Chlorobenzene	18	U	348	230		ug/Kg	☼	66	62 - 130
1,1-Dichloropropene	14	U	348	227		ug/Kg	☼	65	55 - 130
Chlorobromomethane	18	U	348	223		ug/Kg	☼	64	50 - 130
Chlorodibromomethane	18	U	348	295		ug/Kg	☼	85	57 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71124-1 MS
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Spent Carbon
Prep Type: Total/NA
Prep Batch: 165003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	16	U	348	231		ug/Kg	☼	66	49 - 140
Chloroform	18	U	348	247		ug/Kg	☼	71	62 - 130
2-Hexanone	170	U	3480	2480		ug/Kg	☼	71	69 - 136
Chloromethane	18	U	348	191		ug/Kg	☼	55	35 - 139
cis-1,2-Dichloroethene	18	U	348	227		ug/Kg	☼	65	62 - 130
4-Isopropyltoluene	18	U	348	301		ug/Kg	☼	87	64 - 130
cis-1,3-Dichloropropene	14	U	348	238		ug/Kg	☼	68	60 - 130
Dibromomethane	18	U	348	262		ug/Kg	☼	75	68 - 130
Dichlorobromomethane	18	U	348	300		ug/Kg	☼	86	66 - 130
Dichlorodifluoromethane	17	U	348	167		ug/Kg	☼	48	10 - 140
Ethylbenzene	14	U	348	265		ug/Kg	☼	76	68 - 130
Ethylene Dibromide	10	U	348	254		ug/Kg	☼	73	64 - 130
Hexachlorobutadiene	18	U J3	348	374		ug/Kg	☼	108	57 - 130
Isopropylbenzene	27	U	348	302		ug/Kg	☼	87	60 - 130
2-Butanone (MEK)	47	U	3480	2470		ug/Kg	☼	71	70 - 130
4-Methyl-2-pentanone (MIBK)	79	U	3480	2830		ug/Kg	☼	81	69 - 134
1,1,1,2-Tetrachloroethane	18	U	348	318		ug/Kg	☼	91	56 - 130
Methyl tert-butyl ether	36	U	348	267		ug/Kg	☼	77	55 - 134
1,1,2,2-Tetrachloroethane	24	U	348	301		ug/Kg	☼	87	64 - 130
Methylene Chloride	29	U	348	236		ug/Kg	☼	68	50 - 135
n-Butylbenzene	15	U	348	271		ug/Kg	☼	78	63 - 130
N-Propylbenzene	18	U	348	285		ug/Kg	☼	82	63 - 130
Naphthalene	24	U J3	348	168	J3	ug/Kg	☼	48	60 - 130
o-Xylene	18	U	348	249		ug/Kg	☼	72	64 - 130
sec-Butylbenzene	17	U	348	307		ug/Kg	☼	88	63 - 130
1,2,3-Trichlorobenzene	17	U	348	204		ug/Kg	☼	59	57 - 130
Styrene	18	U	348	205		ug/Kg	☼	59	58 - 131
1,2,4-Trichlorobenzene	18	U J3	348	181	J3	ug/Kg	☼	52	59 - 130
tert-Butylbenzene	14	U	348	332		ug/Kg	☼	95	62 - 130
1,1,1-Trichloroethane	15	U	348	270		ug/Kg	☼	78	57 - 130
Tetrachloroethene	22	U	348	261		ug/Kg	☼	75	56 - 130
1,1,2-Trichloroethane	18	U	348	268		ug/Kg	☼	77	62 - 130
Toluene	18	U	348	248		ug/Kg	☼	71	61 - 130
trans-1,2-Dichloroethene	18	U	348	214		ug/Kg	☼	61	46 - 135
1,2,3-Trichloropropane	22	U	348	289		ug/Kg	☼	83	60 - 130
trans-1,3-Dichloropropene	15	U	348	252		ug/Kg	☼	72	65 - 130
1,2,4-Trimethylbenzene	18	U	348	275		ug/Kg	☼	79	59 - 130
Trichloroethene	16	U	348	268		ug/Kg	☼	77	54 - 131
1,3,5-Trimethylbenzene	18	U	348	302		ug/Kg	☼	87	58 - 130
Trichlorofluoromethane	20	U	348	276		ug/Kg	☼	79	53 - 130
Vinyl chloride	18	U	348	182		ug/Kg	☼	52	46 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*69 - 130*
Dibromofluoromethane	*106*		*63 - 139*
Toluene-d8 (Surr)	*102*		*67 - 138*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71124-1 DU
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Spent Carbon
Prep Type: Total/NA
Prep Batch: 165003

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	26	U		25	U	ug/Kg	☼			NC	40
2-Chlorotoluene	18	U		18	U	ug/Kg	☼			NC	40
1,2-Dichlorobenzene	18	U		18	U	ug/Kg	☼			NC	40
1,3-Dichlorobenzene	18	U		18	U	ug/Kg	☼			NC	40
4-Chlorotoluene	18	U		18	U	ug/Kg	☼			NC	40
1,4-Dichlorobenzene	18	U J3		18	U	ug/Kg	☼			NC	40
Acetone	190	U		190	U	ug/Kg	☼			NC	40
Benzene	18	U		18	U	ug/Kg	☼			NC	40
1,1-Dichloroethane	18	U		18.5	I	ug/Kg	☼			NC	40
Bromobenzene	18	U		18	U	ug/Kg	☼			NC	40
1,2-Dichloroethane	18	U		18	U	ug/Kg	☼			NC	40
Bromoform	15	U		15	U	ug/Kg	☼			NC	40
1,1-Dichloroethene	16	U		15	U	ug/Kg	☼			NC	40
Bromomethane	26	U		25	U	ug/Kg	☼			NC	40
1,2-Dichloropropane	18	U		18	U	ug/Kg	☼			NC	40
Carbon disulfide	36	U		35	U	ug/Kg	☼			NC	40
1,3-Dichloropropane	14	U		14	U	ug/Kg	☼			NC	40
Carbon tetrachloride	18	U		18	U	ug/Kg	☼			NC	40
2,2-Dichloropropane	14	U		14	U	ug/Kg	☼			NC	40
Chlorobenzene	18	U		18	U	ug/Kg	☼			NC	40
1,1-Dichloropropene	14	U		14	U	ug/Kg	☼			NC	40
Chlorobromomethane	18	U		18	U	ug/Kg	☼			NC	40
Chlorodibromomethane	18	U		18	U	ug/Kg	☼			NC	40
Chloroethane	16	U		15	U	ug/Kg	☼			NC	40
Chloroform	18	U		18	U	ug/Kg	☼			NC	40
2-Hexanone	170	U		160	U	ug/Kg	☼			NC	40
Chloromethane	18	U		18	U	ug/Kg	☼			NC	40
cis-1,2-Dichloroethene	18	U		18	U	ug/Kg	☼			NC	40
4-Isopropyltoluene	18	U		18	U	ug/Kg	☼			NC	40
cis-1,3-Dichloropropene	14	U		14	U	ug/Kg	☼			NC	40
Dibromomethane	18	U		18	U	ug/Kg	☼			NC	40
Dichlorobromomethane	18	U		18	U	ug/Kg	☼			NC	40
Dichlorodifluoromethane	17	U		17	U	ug/Kg	☼			NC	40
Ethylbenzene	14	U		14	U	ug/Kg	☼			NC	40
Ethylene Dibromide	10	U		9.8	U	ug/Kg	☼			NC	40
Hexachlorobutadiene	18	U J3		18	U J3	ug/Kg	☼			NC	40
Isopropylbenzene	27	U		27	U	ug/Kg	☼			NC	40
m-Xylene & p-Xylene	22	U		21	U	ug/Kg	☼			NC	40
2-Butanone (MEK)	47	U		46	U	ug/Kg	☼			NC	40
4-Methyl-2-pentanone (MIBK)	79	U		77	U	ug/Kg	☼			NC	40
1,1,1,2-Tetrachloroethane	18	U		18	U	ug/Kg	☼			NC	40
Methyl tert-butyl ether	36	U		35	U	ug/Kg	☼			NC	40
1,1,2,2-Tetrachloroethane	24	U		24	U	ug/Kg	☼			NC	40
Methylene Chloride	29	U		28	U	ug/Kg	☼			NC	40
n-Butylbenzene	15	U		15	U	ug/Kg	☼			NC	40
N-Propylbenzene	18	U		18	U	ug/Kg	☼			NC	40
Naphthalene	24	U J3		24	U	ug/Kg	☼			NC	40
o-Xylene	18	U		18	U	ug/Kg	☼			NC	40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71124-1 DU
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Spent Carbon
Prep Type: Total/NA
Prep Batch: 165003

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
sec-Butylbenzene	17	U		17	U	ug/Kg	☼			NC	40
1,2,3-Trichlorobenzene	17	U		17	U	ug/Kg	☼			NC	40
Styrene	18	U		18	U	ug/Kg	☼			NC	40
1,2,4-Trichlorobenzene	18	U J3		18	U	ug/Kg	☼			NC	40
tert-Butylbenzene	14	U		14	U	ug/Kg	☼			NC	40
1,1,1-Trichloroethane	15	U		15	U	ug/Kg	☼			NC	40
Tetrachloroethene	22	U		21	U	ug/Kg	☼			NC	40
1,1,2-Trichloroethane	18	U		18	U	ug/Kg	☼			NC	40
Toluene	18	U		18	U	ug/Kg	☼			NC	40
trans-1,2-Dichloroethene	18	U		18	U	ug/Kg	☼			NC	40
1,2,3-Trichloropropane	22	U		21	U	ug/Kg	☼			NC	40
trans-1,3-Dichloropropene	15	U		15	U	ug/Kg	☼			NC	40
1,2,4-Trimethylbenzene	18	U		18	U	ug/Kg	☼			NC	40
Trichloroethene	16	U		15	U	ug/Kg	☼			NC	40
1,3,5-Trimethylbenzene	18	U		18	U	ug/Kg	☼			NC	40
Trichlorofluoromethane	20	U		20	U	ug/Kg	☼			NC	40
Vinyl chloride	18	U		18	U	ug/Kg	☼			NC	40

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*69 - 130*
Dibromofluoromethane	*104*		*63 - 139*
Toluene-d8 (Surr)	*97*		*67 - 138*

Lab Sample ID: LB 660-164866/1-A
Matrix: Solid
Analysis Batch: 164851

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00060	U	0.0010	0.00060	mg/L			12/23/15 14:34	1
Benzene	0.00050	U	0.0010	0.00050	mg/L			12/23/15 14:34	1
1,2-Dichloroethane	0.00057	U	0.0010	0.00057	mg/L			12/23/15 14:34	1
1,1-Dichloroethene	0.00067	U	0.0010	0.00067	mg/L			12/23/15 14:34	1
Carbon tetrachloride	0.00043	U	0.0010	0.00043	mg/L			12/23/15 14:34	1
Chlorobenzene	0.00063	U	0.0010	0.00063	mg/L			12/23/15 14:34	1
Chloroform	0.00090	U	0.0010	0.00090	mg/L			12/23/15 14:34	1
2-Butanone (MEK)	0.0084	U	0.010	0.0084	mg/L			12/23/15 14:34	1
Tetrachloroethene	0.00050	U	0.0010	0.00050	mg/L			12/23/15 14:34	1
Trichloroethene	0.00061	U	0.0010	0.00061	mg/L			12/23/15 14:34	1
Vinyl chloride	0.00071	U	0.0010	0.00071	mg/L			12/23/15 14:34	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*12/23/15 14:34*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*12/23/15 14:34*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*12/23/15 14:34*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71124-2 MS
Matrix: Solid
Analysis Batch: 164851

Client Sample ID: Filter Press Solids
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0060	U	0.100	0.101		mg/L		101	70 - 130
Benzene	0.0050	U	0.100	0.106		mg/L		106	68 - 134
1,2-Dichloroethane	0.0057	U	0.100	0.117		mg/L		117	70 - 130
1,1-Dichloroethene	0.0067	U	0.100	0.104		mg/L		104	51 - 150
Carbon tetrachloride	0.0043	U	0.100	0.111		mg/L		111	61 - 134
Chlorobenzene	0.0063	U	0.100	0.101		mg/L		101	70 - 130
Chloroform	0.0090	U	0.100	0.109		mg/L		109	68 - 130
2-Butanone (MEK)	0.084	U	1.00	1.04		mg/L		104	63 - 140
Tetrachloroethene	0.0050	U	0.100	0.109		mg/L		109	50 - 143
Trichloroethene	0.0061	U	0.100	0.109		mg/L		109	63 - 139
Vinyl chloride	0.0071	U	0.100	0.109		mg/L		109	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 660-71124-2 MSD
Matrix: Solid
Analysis Batch: 164851

Client Sample ID: Filter Press Solids
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	0.0060	U	0.100	0.103		mg/L		103	70 - 130	2	30
Benzene	0.0050	U	0.100	0.107		mg/L		107	68 - 134	1	30
1,2-Dichloroethane	0.0057	U	0.100	0.120		mg/L		120	70 - 130	3	30
1,1-Dichloroethene	0.0067	U	0.100	0.107		mg/L		107	51 - 150	3	30
Carbon tetrachloride	0.0043	U	0.100	0.119		mg/L		119	61 - 134	6	30
Chlorobenzene	0.0063	U	0.100	0.101		mg/L		101	70 - 130	0	30
Chloroform	0.0090	U	0.100	0.111		mg/L		111	68 - 130	2	30
2-Butanone (MEK)	0.084	U	1.00	0.998		mg/L		100	63 - 140	4	30
Tetrachloroethene	0.0050	U	0.100	0.110		mg/L		110	50 - 143	1	30
Trichloroethene	0.0061	U	0.100	0.110		mg/L		110	63 - 139	1	30
Vinyl chloride	0.0071	U	0.100	0.107		mg/L		107	48 - 147	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-416102/12-A
Matrix: Solid
Analysis Batch: 416901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 416102

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-416102/12-A
Matrix: Solid
Analysis Batch: 416901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 416102

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
Hexachlorobutadiene	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
Hexachloroethane	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
2-Methylphenol	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
3 & 4 Methylphenol	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
Nitrobenzene	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
Pentachlorophenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 22:22	1
Pyridine	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 22:22	1
2,4,5-Trichlorophenol	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
2,4,6-Trichlorophenol	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*38 - 130*	*12/24/15 16:14*	*01/03/16 22:22*	*1*
2-Fluorophenol	*49*		*25 - 130*	*12/24/15 16:14*	*01/03/16 22:22*	*1*
Nitrobenzene-d5	*60*		*39 - 130*	*12/24/15 16:14*	*01/03/16 22:22*	*1*
Phenol-d5	*48*		*25 - 130*	*12/24/15 16:14*	*01/03/16 22:22*	*1*
Terphenyl-d14	*75*		*10 - 143*	*12/24/15 16:14*	*01/03/16 22:22*	*1*
2,4,6-Tribromophenol	*62*		*31 - 141*	*12/24/15 16:14*	*01/03/16 22:22*	*1*

Lab Sample ID: LCS 680-416102/13-A
Matrix: Solid
Analysis Batch: 416901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 416102

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	0.100	0.0800		mg/L		80	63 - 130
Hexachlorobenzene	0.100	0.0722		mg/L		72	52 - 130
Hexachlorobutadiene	0.100	0.0504		mg/L		50	36 - 130
Hexachloroethane	0.100	0.0454		mg/L		45	39 - 130
2-Methylphenol	0.100	0.0658		mg/L		66	55 - 130
3 & 4 Methylphenol	0.100	0.0680		mg/L		68	35 - 130
Nitrobenzene	0.100	0.0647		mg/L		65	56 - 130
Pentachlorophenol	0.200	0.154		mg/L		77	42 - 138
Pyridine	0.100	0.0538		mg/L		54	10 - 130
2,4,5-Trichlorophenol	0.100	0.0684		mg/L		68	61 - 130
2,4,6-Trichlorophenol	0.100	0.0694		mg/L		69	57 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*65*		*38 - 130*
2-Fluorophenol	*52*		*25 - 130*
Nitrobenzene-d5	*61*		*39 - 130*
Phenol-d5	*57*		*25 - 130*
Terphenyl-d14	*77*		*10 - 143*
2,4,6-Tribromophenol	*77*		*31 - 141*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 680-415744/1-C
Matrix: Solid
Analysis Batch: 416901

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 416102

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
Hexachlorobenzene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
Hexachlorobutadiene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
Hexachloroethane	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
2-Methylphenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
3 & 4 Methylphenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
Nitrobenzene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
Pentachlorophenol	0.25	U	0.25	0.25	mg/L		12/24/15 16:14	01/03/16 21:36	1
Pyridine	0.25	U	0.25	0.25	mg/L		12/24/15 16:14	01/03/16 21:36	1
2,4,5-Trichlorophenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
2,4,6-Trichlorophenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*38 - 130*	*12/24/15 16:14*	*01/03/16 21:36*	*1*
2-Fluorophenol	*56*		*25 - 130*	*12/24/15 16:14*	*01/03/16 21:36*	*1*
Nitrobenzene-d5	*63*		*39 - 130*	*12/24/15 16:14*	*01/03/16 21:36*	*1*
Phenol-d5	*62*		*25 - 130*	*12/24/15 16:14*	*01/03/16 21:36*	*1*
Terphenyl-d14	*85*		*10 - 143*	*12/24/15 16:14*	*01/03/16 21:36*	*1*
2,4,6-Tribromophenol	*71*		*31 - 141*	*12/24/15 16:14*	*01/03/16 21:36*	*1*

Lab Sample ID: 660-71124-2 MS
Matrix: Solid
Analysis Batch: 416901

Client Sample ID: Filter Press Solids
Prep Type: TCLP
Prep Batch: 416102

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	0.050	U	0.490	0.365		mg/L		75	63 - 130
Hexachlorobenzene	0.050	U	0.490	0.346		mg/L		71	52 - 130
Hexachlorobutadiene	0.050	U	0.490	0.247		mg/L		50	36 - 130
Hexachloroethane	0.050	U	0.490	0.226		mg/L		46	39 - 130
2-Methylphenol	0.050	U	0.490	0.301		mg/L		62	55 - 130
3 & 4 Methylphenol	0.050	U	0.490	0.313		mg/L		64	35 - 130
Nitrobenzene	0.050	U	0.490	0.368		mg/L		75	56 - 130
Pentachlorophenol	0.25	U	0.979	0.763		mg/L		78	42 - 138
Pyridine	0.25	U J3	0.490	0.24	U J3	mg/L		0	10 - 130
2,4,5-Trichlorophenol	0.050	U	0.490	0.321		mg/L		66	61 - 130
2,4,6-Trichlorophenol	0.050	U	0.490	0.318		mg/L		65	57 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*63*		*38 - 130*
2-Fluorophenol	*51*		*25 - 130*
Nitrobenzene-d5	*59*		*39 - 130*
Phenol-d5	*55*		*25 - 130*
Terphenyl-d14	*77*		*10 - 143*
2,4,6-Tribromophenol	*75*		*31 - 141*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71124-2 MSD
Matrix: Solid
Analysis Batch: 416901

Client Sample ID: Filter Press Solids
Prep Type: TCLP
Prep Batch: 416102

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene	0.050	U	0.499	0.362		mg/L		73	63 - 130	1	50
Hexachlorobenzene	0.050	U	0.499	0.342		mg/L		69	52 - 130	1	50
Hexachlorobutadiene	0.050	U	0.499	0.248		mg/L		50	36 - 130	1	50
Hexachloroethane	0.050	U	0.499	0.215		mg/L		43	39 - 130	5	50
2-Methylphenol	0.050	U	0.499	0.303		mg/L		61	55 - 130	1	50
3 & 4 Methylphenol	0.050	U	0.499	0.308		mg/L		62	35 - 130	2	50
Nitrobenzene	0.050	U	0.499	0.389		mg/L		78	56 - 130	6	50
Pentachlorophenol	0.25	U	0.997	0.742		mg/L		74	42 - 138	3	50
Pyridine	0.25	U J3	0.499	0.25	U J3	mg/L		0	10 - 130	NC	50
2,4,5-Trichlorophenol	0.050	U	0.499	0.331		mg/L		66	61 - 130	3	50
2,4,6-Trichlorophenol	0.050	U	0.499	0.341		mg/L		68	57 - 130	7	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*68*		*38 - 130*
2-Fluorophenol	*51*		*25 - 130*
Nitrobenzene-d5	*62*		*39 - 130*
Phenol-d5	*52*		*25 - 130*
Terphenyl-d14	*70*		*10 - 143*
2,4,6-Tribromophenol	*74*		*31 - 141*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 680-416101/1-A
Matrix: Solid
Analysis Batch: 416428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 416101

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.020	U	0.020	0.020	mg/L		12/24/15 09:14	12/28/15 14:34	1
Barium	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 14:34	1
Cadmium	0.010	U	0.010	0.010	mg/L		12/24/15 09:14	12/28/15 14:34	1
Chromium	0.020	U	0.020	0.020	mg/L		12/24/15 09:14	12/28/15 14:34	1
Lead	0.020	U	0.020	0.020	mg/L		12/24/15 09:14	12/28/15 14:34	1
Selenium	0.050	U	0.050	0.050	mg/L		12/24/15 09:14	12/28/15 14:34	1
Silver	0.010	U	0.010	0.010	mg/L		12/24/15 09:14	12/28/15 14:34	1

Lab Sample ID: LCS 680-416101/2-A
Matrix: Solid
Analysis Batch: 416428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 416101

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.00	1.92		mg/L		96	80 - 120
Barium	2.00	2.01		mg/L		100	80 - 120
Cadmium	1.00	0.982		mg/L		98	80 - 120
Chromium	2.00	1.97		mg/L		98	80 - 120
Lead	10.0	9.74		mg/L		97	80 - 120
Selenium	2.00	1.96		mg/L		98	80 - 120
Silver	1.00	1.01		mg/L		101	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LB 680-415744/1-B
Matrix: Solid
Analysis Batch: 416428

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 416101

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:24	1
Barium	1.0	U	1.0	1.0	mg/L		12/24/15 09:14	12/28/15 15:24	1
Cadmium	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 15:24	1
Chromium	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:24	1
Lead	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:24	1
Selenium	0.50	U	0.50	0.50	mg/L		12/24/15 09:14	12/28/15 15:24	1
Silver	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 15:24	1

Lab Sample ID: 660-71124-1 MS
Matrix: Solid
Analysis Batch: 416428

Client Sample ID: Spent Carbon
Prep Type: TCLP
Prep Batch: 416101

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.20	U	1.60	1.50		mg/L		94	75 - 125
Barium	1.0	U	1.60	1.44		mg/L		90	75 - 125
Cadmium	0.10	U	1.60	1.48		mg/L		93	75 - 125
Chromium	0.20	U	1.60	1.49		mg/L		93	75 - 125
Lead	0.20	U	1.60	1.48		mg/L		93	75 - 125
Selenium	0.50	U	1.60	1.56		mg/L		98	75 - 125
Silver	0.10	U	1.60	1.40		mg/L		87	75 - 125

Lab Sample ID: 660-71124-1 MSD
Matrix: Solid
Analysis Batch: 416428

Client Sample ID: Spent Carbon
Prep Type: TCLP
Prep Batch: 416101

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.20	U	1.60	1.51		mg/L		95	75 - 125	1	20
Barium	1.0	U	1.60	1.46		mg/L		91	75 - 125	1	20
Cadmium	0.10	U	1.60	1.51		mg/L		94	75 - 125	2	20
Chromium	0.20	U	1.60	1.50		mg/L		94	75 - 125	1	20
Lead	0.20	U	1.60	1.49		mg/L		93	75 - 125	1	20
Selenium	0.50	U	1.60	1.54		mg/L		96	75 - 125	1	20
Silver	0.10	U	1.60	1.45		mg/L		91	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-416139/1-A
Matrix: Solid
Analysis Batch: 416402

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 416139

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00020	0.00020	mg/L		12/24/15 11:37	12/28/15 14:05	1

Lab Sample ID: LCS 680-416139/2-A
Matrix: Solid
Analysis Batch: 416402

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 416139

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.250	0.246		mg/L		98	80 - 120

QC Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Lab Sample ID: LB 680-415744/1-D
Matrix: Solid
Analysis Batch: 416402

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 416139

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.020	mg/L		12/24/15 11:37	12/28/15 14:32	1

Lab Sample ID: 660-71124-1 MS
Matrix: Solid
Analysis Batch: 416402

Client Sample ID: Spent Carbon
Prep Type: TCLP
Prep Batch: 416139

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.020	U	0.0830	0.0719		mg/L		87	80 - 120

Lab Sample ID: 660-71124-1 MSD
Matrix: Solid
Analysis Batch: 416402

Client Sample ID: Spent Carbon
Prep Type: TCLP
Prep Batch: 416139

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.020	U	0.0830	0.0735		mg/L		89	80 - 120	2	20

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

GC/MS VOA

Analysis Batch: 164851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	8260B	164866
660-71124-2	Filter Press Solids	TCLP	Solid	8260B	164866
660-71124-2 MS	Filter Press Solids	TCLP	Solid	8260B	
660-71124-2 MSD	Filter Press Solids	TCLP	Solid	8260B	
LB 660-164866/1-A	Method Blank	TCLP	Solid	8260B	164866
LCS 660-164851/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 660-164851/6	Method Blank	Total/NA	Solid	8260B	

Leach Batch: 164866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	1311	
660-71124-2	Filter Press Solids	TCLP	Solid	1311	
LB 660-164866/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 164905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71123-C-2 DU	Duplicate	Total/NA	Water	8260B	
660-71123-C-3 MS	Matrix Spike	Total/NA	Water	8260B	
660-71124-3	Trip Blank	Total/NA	Water	8260B	
LCS 660-164905/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-164905/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-164905/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 164968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	Total/NA	Solid	8260B	165003
660-71124-1 DU	Spent Carbon	Total/NA	Solid	8260B	165003
660-71124-1 MS	Spent Carbon	Total/NA	Solid	8260B	165003
LCS 660-164968/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 660-164968/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 165003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	Total/NA	Solid	5030A	
660-71124-1 DU	Spent Carbon	Total/NA	Solid	5030A	
660-71124-1 MS	Spent Carbon	Total/NA	Solid	5030A	

GC/MS Semi VOA

Leach Batch: 415744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	1311	
660-71124-2	Filter Press Solids	TCLP	Solid	1311	
660-71124-2 MS	Filter Press Solids	TCLP	Solid	1311	
660-71124-2 MSD	Filter Press Solids	TCLP	Solid	1311	
LB 680-415744/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 416102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	3520C	415744

GC/MS Semi VOA (Continued)

Prep Batch: 416102 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-2	Filter Press Solids	TCLP	Solid	3520C	415744
660-71124-2 MS	Filter Press Solids	TCLP	Solid	3520C	415744
660-71124-2 MSD	Filter Press Solids	TCLP	Solid	3520C	415744
LB 680-415744/1-C	Method Blank	TCLP	Solid	3520C	415744
LCS 680-416102/13-A	Lab Control Sample	Total/NA	Solid	3520C	
MB 680-416102/12-A	Method Blank	Total/NA	Solid	3520C	

Analysis Batch: 416901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	8270C	416102
660-71124-2	Filter Press Solids	TCLP	Solid	8270C	416102
660-71124-2 MS	Filter Press Solids	TCLP	Solid	8270C	416102
660-71124-2 MSD	Filter Press Solids	TCLP	Solid	8270C	416102
LB 680-415744/1-C	Method Blank	TCLP	Solid	8270C	416102
LCS 680-416102/13-A	Lab Control Sample	Total/NA	Solid	8270C	416102
MB 680-416102/12-A	Method Blank	Total/NA	Solid	8270C	416102

Metals

Leach Batch: 415744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	1311	
660-71124-1 MS	Spent Carbon	TCLP	Solid	1311	
660-71124-1 MSD	Spent Carbon	TCLP	Solid	1311	
660-71124-2	Filter Press Solids	TCLP	Solid	1311	
LB 680-415744/1-B	Method Blank	TCLP	Solid	1311	
LB 680-415744/1-D	Method Blank	TCLP	Solid	1311	

Prep Batch: 416101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	3010A	415744
660-71124-1 MS	Spent Carbon	TCLP	Solid	3010A	415744
660-71124-1 MSD	Spent Carbon	TCLP	Solid	3010A	415744
660-71124-2	Filter Press Solids	TCLP	Solid	3010A	415744
LB 680-415744/1-B	Method Blank	TCLP	Solid	3010A	415744
LCS 680-416101/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 680-416101/1-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 416139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	7470A	415744
660-71124-1 MS	Spent Carbon	TCLP	Solid	7470A	415744
660-71124-1 MSD	Spent Carbon	TCLP	Solid	7470A	415744
660-71124-2	Filter Press Solids	TCLP	Solid	7470A	415744
LB 680-415744/1-D	Method Blank	TCLP	Solid	7470A	415744
LCS 680-416139/2-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 680-416139/1-A	Method Blank	Total/NA	Solid	7470A	

Metals (Continued)

Analysis Batch: 416402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	7470A	416139
660-71124-1 MS	Spent Carbon	TCLP	Solid	7470A	416139
660-71124-1 MSD	Spent Carbon	TCLP	Solid	7470A	416139
660-71124-2	Filter Press Solids	TCLP	Solid	7470A	416139
LB 680-415744/1-D	Method Blank	TCLP	Solid	7470A	416139
LCS 680-416139/2-A	Lab Control Sample	Total/NA	Solid	7470A	416139
MB 680-416139/1-A	Method Blank	Total/NA	Solid	7470A	416139

Analysis Batch: 416428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	6010B	416101
660-71124-1 MS	Spent Carbon	TCLP	Solid	6010B	416101
660-71124-1 MSD	Spent Carbon	TCLP	Solid	6010B	416101
660-71124-2	Filter Press Solids	TCLP	Solid	6010B	416101
LB 680-415744/1-B	Method Blank	TCLP	Solid	6010B	416101
LCS 680-416101/2-A	Lab Control Sample	Total/NA	Solid	6010B	416101
MB 680-416101/1-A	Method Blank	Total/NA	Solid	6010B	416101

General Chemistry

Analysis Batch: 164736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	Total/NA	Solid	Moisture	
660-71131-A-8 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Client Sample ID: Spent Carbon
Date Collected: 12/15/15 15:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			164866	12/22/15 16:50	TGP	TAL TAM
TCLP	Analysis	8260B		10	164851	12/23/15 15:11	TGP	TAL TAM
TCLP	Leach	1311			415744	12/22/15 18:30	WRB	TAL SAV
TCLP	Prep	3520C			416102	12/24/15 16:14	RBS	TAL SAV
TCLP	Analysis	8270C		1	416901	01/04/16 02:15	KMB	TAL SAV
TCLP	Leach	1311			415744	12/22/15 18:30	WRB	TAL SAV
TCLP	Prep	3010A			416101	12/24/15 09:14	CRW	TAL SAV
TCLP	Analysis	6010B		1	416428	12/28/15 15:29	BCB	TAL SAV
TCLP	Leach	1311			415744	12/22/15 18:30	WRB	TAL SAV
TCLP	Prep	7470A			416139	12/24/15 11:37	BCB	TAL SAV
TCLP	Analysis	7470A		1	416402	12/28/15 14:35	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	164736	12/21/15 05:42	AJG	TAL TAM

Client Sample ID: Spent Carbon
Date Collected: 12/15/15 15:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-1
Matrix: Solid
Percent Solids: 57.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030A			165003	12/28/15 10:30	ECC	TAL TAM
Total/NA	Analysis	8260B		1	164968	12/28/15 10:43	ECC	TAL TAM

Client Sample ID: Filter Press Solids
Date Collected: 12/15/15 16:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			164866	12/22/15 16:50	TGP	TAL TAM
TCLP	Analysis	8260B		10	164851	12/23/15 15:30	TGP	TAL TAM
TCLP	Leach	1311			415744	12/22/15 18:30	WRB	TAL SAV
TCLP	Prep	3520C			416102	12/24/15 16:14	RBS	TAL SAV
TCLP	Analysis	8270C		1	416901	01/04/16 02:38	KMB	TAL SAV
TCLP	Leach	1311			415744	12/22/15 18:30	WRB	TAL SAV
TCLP	Prep	3010A			416101	12/24/15 09:14	CRW	TAL SAV
TCLP	Analysis	6010B		1	416428	12/28/15 15:42	BCB	TAL SAV
TCLP	Leach	1311			415744	12/22/15 18:30	WRB	TAL SAV
TCLP	Prep	7470A			416139	12/24/15 11:37	BCB	TAL SAV
TCLP	Analysis	7470A		1	416402	12/28/15 14:51	BCB	TAL SAV

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Client Sample ID: Trip Blank

Date Collected: 12/15/15 00:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	164905	12/24/15 11:18	ECC	TAL TAM

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
6010B	Metals (ICP)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Laboratory: TestAmerica Tampa

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-17
A2LA	ISO/IEC 17025		399.01	02-28-17
Alabama	State Program	4	41450	06-30-16
Alaska (UST)	State Program	10	UST-104	11-05-16
Arkansas DEQ	State Program	6	88-0692	01-31-16 *
California	State Program	9	2939	07-31-16
Colorado	State Program	8	N/A	12-31-16
Connecticut	State Program	1	PH-0161	03-31-17
Florida	NELAP	4	E87052	06-30-16
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	803	06-30-16
Guam	State Program	9	14-004r	04-16-16
Hawaii	State Program	9	N/A	06-30-16
Illinois	NELAP	5	200022	11-30-16
Indiana	State Program	5	N/A	06-30-16
Iowa	State Program	7	353	06-30-17
Kentucky (DW)	State Program	4	90084	12-31-16
Kentucky (UST)	State Program	4	18	06-30-16
Kentucky (WW)	State Program	4	90084	12-31-15 *
Louisiana	NELAP	6	30690	06-30-16
Louisiana (DW)	NELAP	6	LA160019	12-31-16
Maine	State Program	1	GA00006	09-24-16
Maryland	State Program	3	250	12-31-16
Massachusetts	State Program	1	M-GA006	06-30-16
Michigan	State Program	5	9925	03-05-16
Mississippi	State Program	4	N/A	06-30-16
Nebraska	State Program	7	TestAmerica-Savannah	06-30-16
New Jersey	NELAP	2	GA769	06-30-16
New Mexico	State Program	6	N/A	06-30-16
New York	NELAP	2	10842	03-31-16
North Carolina (DW)	State Program	4	13701	07-31-16
North Carolina (WW/SW)	State Program	4	269	12-31-16
Oklahoma	State Program	6	9984	08-31-16
Pennsylvania	NELAP	3	68-00474	06-30-16
Puerto Rico	State Program	2	GA00006	12-31-16
South Carolina	State Program	4	98001	06-30-16
Tennessee	State Program	4	TN02961	06-30-16
Texas	NELAP	6	T104704185-14-7	11-30-16
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-16

* Certification renewal pending - certification considered valid.

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Washington	State Program	10	C805	06-10-16
West Virginia (DW)	State Program	3	9950C	12-31-15 *
West Virginia DEP	State Program	3	094	06-30-16
Wisconsin	State Program	5	999819810	08-31-16
Wyoming	State Program	8	8TMS-L	06-30-16

* Certification renewal pending - certification considered valid.

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Darrin Johnson	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-66166-21219.1
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM Technical Services Inc.				Job #:
Address: 150 North Orange Avenue Suite 200	Due Date Requested:			
City: Orlando	TAT Requested (days): Standard			
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 89016ACM			
Email: Darrin.Johnson@aecom.com	WO #: 60313454.03.09.01			
Project Name: Tallevast	Project #: 66006091			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Moisture - Percent Moisture	8260B - Volatiles TCLP	8260B - Volatile Organic Compounds	6010B, 7470A TCLP	8270C - (MOD) TCLP	8260B - VOCs full list	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		N	N	A		
Spent Carbon	12-15-15	15:00	C	Solid	N	N	1	1	4	1	1	3		
Filter Press Solids	12-15-15	16:00	C	Solid	N	N	X	1		1	1			
				~~Water~~	N	N								

Loc: 660
71124

660-71124 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements.

Empty Kit Relinquished by:		Date: 12-10-15	Time: 1040		Method of Shipment: Courier	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12-15-15 1400	Company AECOM	
Relinquished by:	Date/Time: 12-16-15 1240	Company AECOM	Received by:	Date/Time: 12.16.15 1240	Company TA Tampa	
Relinquished by:	Date/Time: 12.16.15 1600	Company TA Tampa	Received by:	Date/Time: 12-16-15 1600	Company TA TPA	
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temperature(s) °C and Other Remarks:	0.2/0.6		

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-84060.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-71124-1

Address: 5102 LaRoche Avenue, ,	Due Date Requested: 12/30/2015
City: Savannah	TAT Requested (days):
State, Zip: GA, 31404	
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #
Email	WO #
Project Name: Tallevast	Project #: 66006091
Site	SSOW#:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B/1311_T RCRA Metals	7470A/1311_T	8270C/1311_T (MOD) TCLP	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
Spent Carbon (660-71124-1)	12/15/15	15:00 Eastern		Solid			X	X	X	1	
Filter Press Solids (660-71124-2)	12/15/15	16:00 Eastern		Solid			X	X	X	1	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	12/21/15 1600	[illegible]	[signature]	12/22/15 0755	[illegible]
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.2/0.6 0.6/1.0 1.2/1.6 1.0/1.4 2.2/2.6

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-71124-1

Login Number: 71124
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank not listed on COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-71124-1

Login Number: 71124
List Number: 2
Creator: Kirkland, Keyon A

List Source: TestAmerica Savannah
List Creation: 12/22/15 09:50 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-71253-1
Client Project/Site: Tallevast

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
12/31/2015 11:32:12 AM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71253-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-71253-1	AOP Feed	Water	12/29/15 09:00	12/29/15 13:30
660-71253-2	AOP-A effluent	Water	12/29/15 09:05	12/29/15 13:30
660-71253-3	AOP-B effluent	Water	12/29/15 09:10	12/29/15 13:30
660-71253-4	AOP-C Effluent	Water	12/29/15 09:15	12/29/15 13:30
660-71253-5	PGE	Water	12/29/15 09:20	12/29/15 13:30
660-71253-6	SGE	Water	12/29/15 09:25	12/29/15 13:30
660-71253-7	Combined Influent	Water	12/29/15 09:30	12/29/15 13:30

Job ID: 660-71253-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-71253-1

Comments
No additional comments.

Receipt
The samples were received on 12/29/2015 1:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.6º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71253-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71253-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-71253-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.5		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	19		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	52		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-71253-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.0		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.52	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-71253-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-71253-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.9		1.0	0.52	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.75	I	1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.71	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	0.72	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-71253-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-71253-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-71253-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	7.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	24		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	13		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	18		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.4		1.0	0.71	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71253-1

Client Sample ID: Combined Influent (Continued)

Lab Sample ID: 660-71253-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	45		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-71253-1
Date Collected: 12/29/15 09:00
Matrix: Water
Date Received: 12/29/15 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	6.7		1.0	0.52	ug/L			12/30/15 13:30	1
1,1-Dichloroethene	8.5		1.0	0.67	ug/L			12/30/15 13:30	1
cis-1,2-Dichloroethene	19		1.0	0.65	ug/L			12/30/15 13:30	1
Tetrachloroethene	6.5		1.0	0.50	ug/L			12/30/15 13:30	1
Trichloroethene	12		1.0	0.61	ug/L			12/30/15 13:30	1
Vinyl chloride	1.3		1.0	0.71	ug/L			12/30/15 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*12/30/15 13:30*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*12/30/15 13:30*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*12/30/15 13:30*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	52		2.0	1.0	ug/L			12/30/15 15:57	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-71253-2
Date Collected: 12/29/15 09:05
Matrix: Water
Date Received: 12/29/15 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.0		1.0	0.52	ug/L			12/30/15 11:02	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/30/15 11:02	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/30/15 11:02	1
Tetrachloroethene	0.52	I	1.0	0.50	ug/L			12/30/15 11:02	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/30/15 11:02	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/30/15 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*12/30/15 11:02*	*1*
Dibromofluoromethane	*114*		*70 - 130*		*12/30/15 11:02*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*12/30/15 11:02*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	4.2		2.0	1.0	ug/L			12/30/15 13:30	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-71253-3
Date Collected: 12/29/15 09:10
Matrix: Water
Date Received: 12/29/15 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.7		1.0	0.52	ug/L			12/30/15 11:20	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/30/15 11:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/30/15 11:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/30/15 11:20	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/30/15 11:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/30/15 11:20	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-71253-3
Matrix: Water
Date Collected: 12/29/15 09:10
Date Received: 12/29/15 13:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*12/30/15 11:20*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*12/30/15 11:20*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*12/30/15 11:20*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.4**		2.0	1.0	ug/L			12/30/15 14:44	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-71253-4
Matrix: Water
Date Collected: 12/29/15 09:15
Date Received: 12/29/15 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.9**		1.0	0.52	ug/L			12/30/15 12:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/30/15 12:34	1
cis-1,2-Dichloroethene	**0.75**	**I**	1.0	0.65	ug/L			12/30/15 12:34	1
Tetrachloroethene	**0.71**	**I**	1.0	0.50	ug/L			12/30/15 12:34	1
Trichloroethene	**0.72**	**I**	1.0	0.61	ug/L			12/30/15 12:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/30/15 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*12/30/15 12:34*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*12/30/15 12:34*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*12/30/15 12:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.3**		2.0	1.0	ug/L			12/30/15 15:02	1

Client Sample ID: PGE

Lab Sample ID: 660-71253-5
Matrix: Water
Date Collected: 12/29/15 09:20
Date Received: 12/29/15 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**1.9**		1.0	0.52	ug/L			12/30/15 12:53	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/30/15 12:53	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/30/15 12:53	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/30/15 12:53	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/30/15 12:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/30/15 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*12/30/15 12:53*	*1*
Dibromofluoromethane	*119*		*70 - 130*		*12/30/15 12:53*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*12/30/15 12:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.7**		2.0	1.0	ug/L			12/30/15 15:20	1

Client Sample ID: SGE

Lab Sample ID: 660-71253-6

Date Collected: 12/29/15 09:25

Matrix: Water

Date Received: 12/29/15 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			12/30/15 13:11	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/30/15 13:11	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/30/15 13:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/30/15 13:11	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/30/15 13:11	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/30/15 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*12/30/15 13:11*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*12/30/15 13:11*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*12/30/15 13:11*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.5**		2.0	1.0	ug/L			12/30/15 15:39	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-71253-7

Date Collected: 12/29/15 09:30

Matrix: Water

Date Received: 12/29/15 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			12/30/15 13:48	1
Benzene	0.50	U	1.0	0.50	ug/L			12/30/15 13:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			12/30/15 13:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			12/30/15 13:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			12/30/15 13:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			12/30/15 13:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			12/30/15 13:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			12/30/15 13:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			12/30/15 13:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			12/30/15 13:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			12/30/15 13:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			12/30/15 13:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			12/30/15 13:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			12/30/15 13:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			12/30/15 13:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			12/30/15 13:48	1
cis-1,2-Dichloroethene	**22**		1.0	0.65	ug/L			12/30/15 13:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			12/30/15 13:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			12/30/15 13:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			12/30/15 13:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			12/30/15 13:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			12/30/15 13:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			12/30/15 13:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			12/30/15 13:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			12/30/15 13:48	1
1,1-Dichloroethane	**7.9**		1.0	0.52	ug/L			12/30/15 13:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			12/30/15 13:48	1
1,1-Dichloroethene	**24**		1.0	0.67	ug/L			12/30/15 13:48	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-71253-7

Date Collected: 12/29/15 09:30

Matrix: Water

Date Received: 12/29/15 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			12/30/15 13:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			12/30/15 13:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			12/30/15 13:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			12/30/15 13:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			12/30/15 13:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			12/30/15 13:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			12/30/15 13:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			12/30/15 13:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			12/30/15 13:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			12/30/15 13:48	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			12/30/15 13:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			12/30/15 13:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			12/30/15 13:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			12/30/15 13:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			12/30/15 13:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			12/30/15 13:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			12/30/15 13:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			12/30/15 13:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			12/30/15 13:48	1
Styrene	0.98	U	2.0	0.98	ug/L			12/30/15 13:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			12/30/15 13:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			12/30/15 13:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			12/30/15 13:48	1
Tetrachloroethene	**13**		1.0	0.50	ug/L			12/30/15 13:48	1
Toluene	0.51	U	1.0	0.51	ug/L			12/30/15 13:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/30/15 13:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			12/30/15 13:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			12/30/15 13:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			12/30/15 13:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/30/15 13:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/30/15 13:48	1
Trichloroethene	**18**		1.0	0.61	ug/L			12/30/15 13:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			12/30/15 13:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			12/30/15 13:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			12/30/15 13:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			12/30/15 13:48	1
Vinyl chloride	**3.4**		1.0	0.71	ug/L			12/30/15 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*12/30/15 13:48*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*12/30/15 13:48*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*12/30/15 13:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**45**		2.0	1.0	ug/L			12/30/15 16:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-165040/7
Matrix: Water
Analysis Batch: 165040

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			12/30/15 10:17	1
Benzene	0.50	U	1.0	0.50	ug/L			12/30/15 10:17	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			12/30/15 10:17	1
Bromoform	0.63	U	1.0	0.63	ug/L			12/30/15 10:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			12/30/15 10:17	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			12/30/15 10:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			12/30/15 10:17	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			12/30/15 10:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			12/30/15 10:17	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			12/30/15 10:17	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			12/30/15 10:17	1
Chloroethane	2.5	U	5.0	2.5	ug/L			12/30/15 10:17	1
Chloroform	0.90	U	1.0	0.90	ug/L			12/30/15 10:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			12/30/15 10:17	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			12/30/15 10:17	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			12/30/15 10:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/30/15 10:17	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			12/30/15 10:17	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			12/30/15 10:17	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			12/30/15 10:17	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			12/30/15 10:17	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			12/30/15 10:17	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			12/30/15 10:17	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			12/30/15 10:17	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			12/30/15 10:17	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			12/30/15 10:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			12/30/15 10:17	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/30/15 10:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			12/30/15 10:17	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			12/30/15 10:17	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			12/30/15 10:17	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			12/30/15 10:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			12/30/15 10:17	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			12/30/15 10:17	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			12/30/15 10:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			12/30/15 10:17	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			12/30/15 10:17	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			12/30/15 10:17	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			12/30/15 10:17	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			12/30/15 10:17	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			12/30/15 10:17	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			12/30/15 10:17	1
Naphthalene	2.5	U	5.0	2.5	ug/L			12/30/15 10:17	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			12/30/15 10:17	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			12/30/15 10:17	1
o-Xylene	0.50	U	1.0	0.50	ug/L			12/30/15 10:17	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			12/30/15 10:17	1
Styrene	0.98	U	2.0	0.98	ug/L			12/30/15 10:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-165040/7
Matrix: Water
Analysis Batch: 165040

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			12/30/15 10:17	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			12/30/15 10:17	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			12/30/15 10:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/30/15 10:17	1
Toluene	0.51	U	1.0	0.51	ug/L			12/30/15 10:17	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/30/15 10:17	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			12/30/15 10:17	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			12/30/15 10:17	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			12/30/15 10:17	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/30/15 10:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/30/15 10:17	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/30/15 10:17	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			12/30/15 10:17	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			12/30/15 10:17	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			12/30/15 10:17	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			12/30/15 10:17	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/30/15 10:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*12/30/15 10:17*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*12/30/15 10:17*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*12/30/15 10:17*	*1*

Lab Sample ID: LCS 660-165040/4
Matrix: Water
Analysis Batch: 165040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	104		ug/L		104	62 - 142
Benzene	10.0	8.84		ug/L		88	68 - 134
Bromobenzene	10.0	9.94		ug/L		99	70 - 130
Bromoform	10.0	10.6		ug/L		106	65 - 130
Bromomethane	10.0	7.28		ug/L		73	22 - 150
2-Butanone (MEK)	100	92.2		ug/L		92	63 - 140
Carbon disulfide	10.0	9.13		ug/L		91	30 - 150
Carbon tetrachloride	10.0	10.9		ug/L		109	61 - 134
Chlorobenzene	10.0	9.53		ug/L		95	70 - 130
Chlorobromomethane	10.0	9.15		ug/L		92	70 - 130
Chlorodibromomethane	10.0	10.2		ug/L		102	70 - 130
Chloroethane	10.0	9.26		ug/L		93	39 - 150
Chloroform	10.0	9.68		ug/L		97	68 - 130
Chloromethane	10.0	8.87		ug/L		89	35 - 150
2-Chlorotoluene	10.0	10.2		ug/L		102	70 - 130
4-Chlorotoluene	10.0	10.2		ug/L		102	70 - 130
cis-1,2-Dichloroethene	10.0	9.30		ug/L		93	66 - 130
cis-1,3-Dichloropropene	10.0	9.12		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.98		ug/L		100	63 - 130
Dibromomethane	10.0	9.37		ug/L		94	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-165040/4
Matrix: Water
Analysis Batch: 165040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,3-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
Dichlorobromomethane	10.0	10.2		ug/L		102	70 - 130
Dichlorodifluoromethane	10.0	8.24		ug/L		82	16 - 149
1,1-Dichloroethane	10.0	9.57		ug/L		96	66 - 130
1,2-Dichloroethane	10.0	10.2		ug/L		102	70 - 130
1,1-Dichloroethene	10.0	8.99		ug/L		90	51 - 150
1,2-Dichloropropane	10.0	9.12		ug/L		91	70 - 130
1,3-Dichloropropane	10.0	9.42		ug/L		94	70 - 130
2,2-Dichloropropane	10.0	10.2		ug/L		102	66 - 134
1,1-Dichloropropene	10.0	8.36		ug/L		84	65 - 136
Ethylbenzene	10.0	9.79		ug/L		98	70 - 130
Ethylene Dibromide	10.0	9.90		ug/L		99	66 - 130
Hexachlorobutadiene	10.0	11.9		ug/L		119	62 - 143
2-Hexanone	100	87.1		ug/L		87	60 - 148
Isopropylbenzene	10.0	8.41		ug/L		84	62 - 130
4-Isopropyltoluene	10.0	8.17		ug/L		82	65 - 134
Methylene Chloride	10.0	9.64		ug/L		96	57 - 130
4-Methyl-2-pentanone (MIBK)	100	77.8		ug/L		78	64 - 137
Methyl tert-butyl ether	10.0	8.99		ug/L		90	67 - 130
Naphthalene	10.0	6.84		ug/L		68	50 - 136
n-Butylbenzene	10.0	8.14		ug/L		81	61 - 131
N-Propylbenzene	10.0	8.40		ug/L		84	67 - 130
o-Xylene	10.0	8.76		ug/L		88	69 - 130
sec-Butylbenzene	10.0	8.43		ug/L		84	68 - 133
Styrene	10.0	8.15		ug/L		81	68 - 131
tert-Butylbenzene	10.0	8.76		ug/L		88	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.83		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.33		ug/L		93	70 - 130
Tetrachloroethene	10.0	10.2		ug/L		102	50 - 143
Toluene	10.0	9.48		ug/L		95	70 - 131
trans-1,2-Dichloroethene	10.0	9.33		ug/L		93	62 - 139
trans-1,3-Dichloropropene	10.0	9.67		ug/L		97	67 - 130
1,2,3-Trichlorobenzene	10.0	9.80		ug/L		98	58 - 132
1,2,4-Trichlorobenzene	10.0	10.1		ug/L		101	66 - 130
1,1,1-Trichloroethane	10.0	10.6		ug/L		106	63 - 132
1,1,2-Trichloroethane	10.0	9.83		ug/L		98	70 - 130
Trichloroethene	10.0	9.49		ug/L		95	63 - 139
Trichlorofluoromethane	10.0	10.5		ug/L		105	62 - 146
1,2,3-Trichloropropane	10.0	9.68		ug/L		97	66 - 130
1,2,4-Trimethylbenzene	10.0	8.18		ug/L		82	70 - 132
1,3,5-Trimethylbenzene	10.0	8.10		ug/L		81	65 - 134
Vinyl chloride	10.0	8.37		ug/L		84	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-165040/4
Matrix: Water
Analysis Batch: 165040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 660-165040/5
Matrix: Water
Analysis Batch: 165040

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	97.6		ug/L		98	62 - 142	6	30
Benzene			10.0	9.03		ug/L		90	68 - 134	2	30
Bromobenzene			10.0	9.72		ug/L		97	70 - 130	2	30
Bromoform			10.0	10.6		ug/L		106	65 - 130	1	30
Bromomethane			10.0	8.02		ug/L		80	22 - 150	10	30
2-Butanone (MEK)			100	84.7		ug/L		85	63 - 140	8	30
Carbon disulfide			10.0	8.69		ug/L		87	30 - 150	5	30
Carbon tetrachloride			10.0	10.8		ug/L		108	61 - 134	1	30
Chlorobenzene			10.0	9.82		ug/L		98	70 - 130	3	30
Chlorobromomethane			10.0	9.69		ug/L		97	70 - 130	6	30
Chlorodibromomethane			10.0	9.61		ug/L		96	70 - 130	6	30
Chloroethane			10.0	9.92		ug/L		99	39 - 150	7	30
Chloroform			10.0	9.67		ug/L		97	68 - 130	0	30
Chloromethane			10.0	8.65		ug/L		86	35 - 150	2	30
2-Chlorotoluene			10.0	10.0		ug/L		100	70 - 130	1	30
4-Chlorotoluene			10.0	10.1		ug/L		101	70 - 130	1	30
cis-1,2-Dichloroethene			10.0	9.31		ug/L		93	66 - 130	0	30
cis-1,3-Dichloropropene			10.0	9.42		ug/L		94	70 - 130	3	30
1,2-Dibromo-3-Chloropropane			10.0	8.85		ug/L		89	63 - 130	12	30
Dibromomethane			10.0	8.56		ug/L		86	70 - 130	9	30
1,2-Dichlorobenzene			10.0	10.0		ug/L		100	70 - 130	5	30
1,3-Dichlorobenzene			10.0	10.0		ug/L		100	70 - 130	3	30
1,4-Dichlorobenzene			10.0	10.2		ug/L		102	70 - 130	1	30
Dichlorobromomethane			10.0	10.3		ug/L		103	70 - 130	1	30
Dichlorodifluoromethane			10.0	8.78		ug/L		88	16 - 149	6	30
1,1-Dichloroethane			10.0	9.44		ug/L		94	66 - 130	1	30
1,2-Dichloroethane			10.0	9.87		ug/L		99	70 - 130	3	30
1,1-Dichloroethene			10.0	8.68		ug/L		87	51 - 150	4	30
1,2-Dichloropropane			10.0	8.48		ug/L		85	70 - 130	7	30
1,3-Dichloropropane			10.0	8.65		ug/L		87	70 - 130	8	30
2,2-Dichloropropane			10.0	10.8		ug/L		108	66 - 134	6	30
1,1-Dichloropropene			10.0	8.14		ug/L		81	65 - 136	3	30
Ethylbenzene			10.0	9.02		ug/L		90	70 - 130	8	30
Ethylene Dibromide			10.0	9.67		ug/L		97	66 - 130	2	30
Hexachlorobutadiene			10.0	11.3		ug/L		113	62 - 143	5	30
2-Hexanone			100	81.6		ug/L		82	60 - 148	6	30
Isopropylbenzene			10.0	8.29		ug/L		83	62 - 130	1	30
4-Isopropyltoluene			10.0	8.17		ug/L		82	65 - 134	0	30
Methylene Chloride			10.0	9.08		ug/L		91	57 - 130	6	30
4-Methyl-2-pentanone (MIBK)			100	70.5		ug/L		70	64 - 137	10	30
Methyl tert-butyl ether			10.0	8.65		ug/L		87	67 - 130	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-165040/5
Matrix: Water
Analysis Batch: 165040

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	6.48		ug/L		65	50 - 136	5	30
n-Butylbenzene			10.0	8.12		ug/L		81	61 - 131	0	30
N-Propylbenzene			10.0	8.49		ug/L		85	67 - 130	1	30
o-Xylene			10.0	9.36		ug/L		94	69 - 130	7	30
sec-Butylbenzene			10.0	8.53		ug/L		85	68 - 133	1	30
Styrene			10.0	7.97		ug/L		80	68 - 131	2	30
tert-Butylbenzene			10.0	9.25		ug/L		93	64 - 130	5	30
1,1,1,2-Tetrachloroethane			10.0	9.65		ug/L		96	70 - 130	2	30
1,1,2,2-Tetrachloroethane			10.0	8.91		ug/L		89	70 - 130	5	30
Tetrachloroethene			10.0	10.2		ug/L		102	50 - 143	0	30
Toluene			10.0	9.38		ug/L		94	70 - 131	1	30
trans-1,2-Dichloroethene			10.0	9.68		ug/L		97	62 - 139	4	30
trans-1,3-Dichloropropene			10.0	9.60		ug/L		96	67 - 130	1	30
1,2,3-Trichlorobenzene			10.0	9.91		ug/L		99	58 - 132	1	30
1,2,4-Trichlorobenzene			10.0	9.88		ug/L		99	66 - 130	2	30
1,1,1-Trichloroethane			10.0	10.7		ug/L		107	63 - 132	1	30
1,1,2-Trichloroethane			10.0	9.30		ug/L		93	70 - 130	6	30
Trichloroethene			10.0	9.38		ug/L		94	63 - 139	1	30
Trichlorofluoromethane			10.0	11.3		ug/L		113	62 - 146	8	30
1,2,3-Trichloropropane			10.0	10.2		ug/L		102	66 - 130	6	30
1,2,4-Trimethylbenzene			10.0	8.27		ug/L		83	70 - 132	1	30
1,3,5-Trimethylbenzene			10.0	8.24		ug/L		82	65 - 134	2	30
Vinyl chloride			10.0	9.96		ug/L		100	48 - 147	17	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-71253-3 MS
Matrix: Water
Analysis Batch: 165040

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	19	I	100	91.3		ug/L		72	62 - 142
Benzene	0.50	U	10.0	7.02		ug/L		70	68 - 134
Bromobenzene	0.58	U	10.0	8.30		ug/L		83	70 - 130
Bromoform	0.63	U	10.0	9.79		ug/L		98	65 - 130
Bromomethane	2.5	U	10.0	6.72		ug/L		67	22 - 150
2-Butanone (MEK)	8.4	U	100	71.1		ug/L		71	63 - 140
Carbon disulfide	1.0	U	10.0	6.50		ug/L		65	30 - 150
Carbon tetrachloride	0.43	U	10.0	8.40		ug/L		84	61 - 134
Chlorobenzene	0.63	U	10.0	7.82		ug/L		78	70 - 130
Chlorobromomethane	0.58	U	10.0	8.03		ug/L		80	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.24		ug/L		92	70 - 130
Chloroethane	2.5	U	10.0	8.02		ug/L		80	39 - 150
Chloroform	0.90	U	10.0	7.52		ug/L		75	68 - 130
Chloromethane	1.0	U	10.0	7.15		ug/L		72	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71253-3 MS
Matrix: Water
Analysis Batch: 165040

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	8.62		ug/L		86	70 - 130
4-Chlorotoluene	0.52	U	10.0	8.60		ug/L		86	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	7.70		ug/L		77	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.79		ug/L		78	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.47		ug/L		95	63 - 130
Dibromomethane	0.46	U	10.0	7.27		ug/L		73	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.18		ug/L		92	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.16		ug/L		92	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	8.72		ug/L		87	70 - 130
Dichlorobromomethane	0.44	U	10.0	9.57		ug/L		96	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	6.94		ug/L		69	16 - 149
1,1-Dichloroethane	4.7		10.0	12.5		ug/L		79	66 - 130
1,2-Dichloroethane	0.57	U	10.0	8.88		ug/L		89	70 - 130
1,1-Dichloroethene	0.67	U	10.0	6.65		ug/L		66	51 - 150
1,2-Dichloropropane	0.52	U	10.0	7.80		ug/L		78	70 - 130
1,3-Dichloropropane	0.42	U	10.0	8.12		ug/L		81	70 - 130
2,2-Dichloropropane	0.36	U	10.0	7.92		ug/L		79	66 - 134
1,1-Dichloropropene	0.65	U	10.0	6.68		ug/L		67	65 - 136
Ethylbenzene	0.44	U	10.0	7.81		ug/L		78	70 - 130
Ethylene Dibromide	0.50	U	10.0	9.30		ug/L		93	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.8		ug/L		108	62 - 143
2-Hexanone	4.4	U	100	75.3		ug/L		75	60 - 148
Isopropylbenzene	0.52	U	10.0	6.61		ug/L		66	62 - 130
4-Isopropyltoluene	0.69	U J3	10.0	6.42	J3	ug/L		64	65 - 134
Methylene Chloride	4.0	U	10.0	6.79		ug/L		68	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	65.8		ug/L		66	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	7.26		ug/L		73	67 - 130
Naphthalene	2.5	U	10.0	5.90		ug/L		59	50 - 136
n-Butylbenzene	0.67	U	10.0	6.66		ug/L		67	61 - 131
N-Propylbenzene	0.59	U	10.0	6.91		ug/L		69	67 - 130
o-Xylene	0.50	U	10.0	7.37		ug/L		74	69 - 130
sec-Butylbenzene	0.63	U	10.0	7.16		ug/L		72	68 - 133
Styrene	0.98	U J3	10.0	6.73	J3	ug/L		67	68 - 131
tert-Butylbenzene	0.84	U	10.0	7.23		ug/L		72	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.34		ug/L		83	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.36		ug/L		84	70 - 130
Tetrachloroethene	0.50	U	10.0	8.77		ug/L		88	50 - 143
Toluene	0.51	U	10.0	8.29		ug/L		83	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.01		ug/L		80	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	8.66		ug/L		87	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.36		ug/L		84	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.25		ug/L		83	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	8.71		ug/L		87	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	8.26		ug/L		83	70 - 130
Trichloroethene	0.61	U	10.0	8.00		ug/L		80	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.54		ug/L		95	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.07		ug/L		91	66 - 130
1,2,4-Trimethylbenzene	0.86	U J3	10.0	6.55	J3	ug/L		66	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71253-3 MS
Matrix: Water
Analysis Batch: 165040

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	6.79		ug/L		68	65 - 134
Vinyl chloride	0.71	U	10.0	7.12		ug/L		71	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-71253-2 DU
Matrix: Water
Analysis Batch: 165040

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	19	I	21.8		ug/L		14	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	5.0		5.52		ug/L		9	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71253-2 DU
Matrix: Water
Analysis Batch: 165040

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.52	I		0.676	I	ug/L				27	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*120*		*70 - 130*
Toluene-d8 (Surr)	*113*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-165055/7
Matrix: Water
Analysis Batch: 165055

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			12/30/15 13:11	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-165055/4
Matrix: Water
Analysis Batch: 165055

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.58		ug/L		86	50 - 150

Lab Sample ID: LCSD 660-165055/5
Matrix: Water
Analysis Batch: 165055

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	7.72		ug/L		77	50 - 150	11	50

Lab Sample ID: 660-71253-2 MS
Matrix: Water
Analysis Batch: 165055

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	4.2		10.0	12.6		ug/L		84	50 - 150

Lab Sample ID: 660-71253-2 MSD
Matrix: Water
Analysis Batch: 165055

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	4.2		10.0	11.7		ug/L		75	50 - 150	7	50

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71253-1

GC/MS VOA

Analysis Batch: 165040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71253-1	AOP Feed	Total/NA	Water	8260B	
660-71253-2	AOP-A effluent	Total/NA	Water	8260B	
660-71253-2 DU	AOP-A effluent	Total/NA	Water	8260B	
660-71253-3	AOP-B effluent	Total/NA	Water	8260B	
660-71253-3 MS	AOP-B effluent	Total/NA	Water	8260B	
660-71253-4	AOP-C Effluent	Total/NA	Water	8260B	
660-71253-5	PGE	Total/NA	Water	8260B	
660-71253-6	SGE	Total/NA	Water	8260B	
660-71253-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-165040/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-165040/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-165040/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 165055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71253-1	AOP Feed	Total/NA	Water	8260C SIM	
660-71253-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-71253-2 MS	AOP-A effluent	Total/NA	Water	8260C SIM	
660-71253-2 MSD	AOP-A effluent	Total/NA	Water	8260C SIM	
660-71253-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-71253-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-71253-5	PGE	Total/NA	Water	8260C SIM	
660-71253-6	SGE	Total/NA	Water	8260C SIM	
660-71253-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-165055/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-165055/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-165055/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: AOP Feed
Lab Sample ID: 660-71253-1
Date Collected: 12/29/15 09:00
Matrix: Water
Date Received: 12/29/15 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165040	12/30/15 13:30	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	165055	12/30/15 15:57	TGP	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-71253-2
Date Collected: 12/29/15 09:05
Matrix: Water
Date Received: 12/29/15 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165040	12/30/15 11:02	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	165055	12/30/15 13:30	TGP	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-71253-3
Date Collected: 12/29/15 09:10
Matrix: Water
Date Received: 12/29/15 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165040	12/30/15 11:20	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	165055	12/30/15 14:44	TGP	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-71253-4
Date Collected: 12/29/15 09:15
Matrix: Water
Date Received: 12/29/15 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165040	12/30/15 12:34	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	165055	12/30/15 15:02	TGP	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-71253-5
Date Collected: 12/29/15 09:20
Matrix: Water
Date Received: 12/29/15 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165040	12/30/15 12:53	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	165055	12/30/15 15:20	TGP	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-71253-6
Date Collected: 12/29/15 09:25
Matrix: Water
Date Received: 12/29/15 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165040	12/30/15 13:11	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71253-1

Client Sample ID: SGE

Lab Sample ID: 660-71253-6

Date Collected: 12/29/15 09:25
Matrix: Water
Date Received: 12/29/15 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	165055	12/30/15 15:39	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-71253-7

Date Collected: 12/29/15 09:30
Matrix: Water
Date Received: 12/29/15 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165040	12/30/15 13:48	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	165055	12/30/15 16:16	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71253-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71253-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Sarasota	TAT Requested (days): 48 hour turn		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243			
Phone: 941-929-8747	PO #: 59731 60313454 03.09.01		Other:
Email: Darrin.Johnson@aecom.com	WO #:		
Project Name: Process Sampling	Project #:		
Site: Tallevast	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A			
AOP Feed	12/29/15	9.00	G	Water	N	N	2	2			inf @ 160 gpm
AOP-A effluent	12/29/15	0905	G	Water	N	N	2	2			AOP-A @ 85 gpm
AOP-B effluent	12/29/15	0910	G	Water	N	N	2	2			AOP-B @ 48
AOP-C Effluent	12/29/15	0915	G	Water	N	N	2	2			AOP-C @ 45
PGE	12/29/15	0920	G	Water	N	N	2	2			2103 @ 5 gpm
SGE	12/29/15	0925	G	Water	N	N	2	2			FIT-100 - 189,390,900
Combined Influent	12/29/15	0930	G	Water	N	N		2	2		

Loc: 660
71253

660-71253 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested. I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 12-28-15 1400	Company AECom
Relinquished by:	Date/Time: 12-28-15 1200	Company AECOM	Received by:	Date/Time: 12-29-15 @ 1200	Company TA-TPA
Relinquished by:	Date/Time: 12-29-15 @ 1330	Company TA-TPA	Received by:	Date/Time: 12-29-15 1330	Company TA TPA

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 5.2/5.1 @ W-09

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12/31/2015

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-71253-1

Login Number: 71253
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-71470-1
Client Project/Site: Tallevast

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
1/15/2016 4:02:58 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71470-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-71470-1	AOP Feed	Water	01/13/16 09:00	01/13/16 14:55
660-71470-2	AOP-A effluent	Water	01/13/16 09:05	01/13/16 14:55
660-71470-3	AOP-B effluent	Water	01/13/16 09:10	01/13/16 14:55
660-71470-4	AOP-C Effluent	Water	01/13/16 09:15	01/13/16 14:55
660-71470-5	PGE	Water	01/13/16 09:20	01/13/16 14:55
660-71470-6	SGE	Water	01/13/16 09:25	01/13/16 14:55
660-71470-7	Combined Influent	Water	01/13/16 09:30	01/13/16 14:55

Job ID: 660-71470-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-71470-1

Comments
No additional comments.

Receipt
The samples were received on 1/13/2016 2:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1º C.

GC/MS VOA
Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 165456 recovered outside control limits for the following analytes: vinyl chloride.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71470-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71470-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-71470-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	7.9		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.4		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	56		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-71470-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-71470-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-71470-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.5		1.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	0.88	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-71470-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-71470-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-71470-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	29		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.8		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	19		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	4.5	J3	1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	53		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-71470-1

Date Collected: 01/13/16 09:00

Matrix: Water

Date Received: 01/13/16 14:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**6.4**		1.0	0.52	ug/L			01/14/16 13:17	1
1,1-Dichloroethene	**7.9**		1.0	0.67	ug/L			01/14/16 13:17	1
cis-1,2-Dichloroethene	**15**		1.0	0.65	ug/L			01/14/16 13:17	1
Tetrachloroethene	**3.4**		1.0	0.50	ug/L			01/14/16 13:17	1
Trichloroethene	**12**		1.0	0.61	ug/L			01/14/16 13:17	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			01/14/16 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*01/14/16 13:17*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*01/14/16 13:17*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/14/16 13:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**56**		2.0	1.0	ug/L			01/14/16 14:31	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-71470-2

Date Collected: 01/13/16 09:05

Matrix: Water

Date Received: 01/13/16 14:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.9**		1.0	0.52	ug/L			01/14/16 10:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			01/14/16 10:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/14/16 10:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/14/16 10:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			01/14/16 10:48	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			01/14/16 10:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*01/14/16 10:48*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*01/14/16 10:48*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*01/14/16 10:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.7**		2.0	1.0	ug/L			01/14/16 11:57	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-71470-3

Date Collected: 01/13/16 09:10

Matrix: Water

Date Received: 01/13/16 14:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			01/14/16 11:07	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			01/14/16 11:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/14/16 11:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/14/16 11:07	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			01/14/16 11:07	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			01/14/16 11:07	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-71470-3
Matrix: Water
Date Collected: 01/13/16 09:10
Date Received: 01/13/16 14:55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*01/14/16 11:07*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*01/14/16 11:07*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*01/14/16 11:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.6**		2.0	1.0	ug/L			01/14/16 13:15	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-71470-4
Matrix: Water
Date Collected: 01/13/16 09:15
Date Received: 01/13/16 14:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.5**		1.0	0.52	ug/L			01/14/16 12:21	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			01/14/16 12:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/14/16 12:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/14/16 12:21	1
Trichloroethene	**0.88**	**I**	1.0	0.61	ug/L			01/14/16 12:21	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			01/14/16 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*01/14/16 12:21*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*01/14/16 12:21*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/14/16 12:21*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.6**		2.0	1.0	ug/L			01/14/16 13:34	1

Client Sample ID: PGE

Lab Sample ID: 660-71470-5
Matrix: Water
Date Collected: 01/13/16 09:20
Date Received: 01/13/16 14:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**1.7**		1.0	0.52	ug/L			01/14/16 12:40	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			01/14/16 12:40	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/14/16 12:40	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/14/16 12:40	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			01/14/16 12:40	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			01/14/16 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*01/14/16 12:40*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*01/14/16 12:40*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*01/14/16 12:40*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.4**		2.0	1.0	ug/L			01/14/16 13:54	1

Client Sample ID: SGE

Lab Sample ID: 660-71470-6
Date Collected: 01/13/16 09:25
Matrix: Water
Date Received: 01/13/16 14:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/14/16 12:58	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			01/14/16 12:58	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/14/16 12:58	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/14/16 12:58	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			01/14/16 12:58	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			01/14/16 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*01/14/16 12:58*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*01/14/16 12:58*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*01/14/16 12:58*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.1**		2.0	1.0	ug/L			01/14/16 14:13	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-71470-7
Date Collected: 01/13/16 09:30
Matrix: Water
Date Received: 01/13/16 14:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			01/14/16 13:35	1
Benzene	0.50	U	1.0	0.50	ug/L			01/14/16 13:35	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			01/14/16 13:35	1
Bromoform	0.63	U	1.0	0.63	ug/L			01/14/16 13:35	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/14/16 13:35	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			01/14/16 13:35	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/14/16 13:35	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			01/14/16 13:35	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/14/16 13:35	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			01/14/16 13:35	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			01/14/16 13:35	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/14/16 13:35	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/14/16 13:35	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/14/16 13:35	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			01/14/16 13:35	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			01/14/16 13:35	1
cis-1,2-Dichloroethene	**22**		1.0	0.65	ug/L			01/14/16 13:35	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			01/14/16 13:35	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/14/16 13:35	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			01/14/16 13:35	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			01/14/16 13:35	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			01/14/16 13:35	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			01/14/16 13:35	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			01/14/16 13:35	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			01/14/16 13:35	1
1,1-Dichloroethane	**8.6**		1.0	0.52	ug/L			01/14/16 13:35	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/14/16 13:35	1
1,1-Dichloroethene	**29**		1.0	0.67	ug/L			01/14/16 13:35	1

Client Sample ID: Combined Influent
Date Collected: 01/13/16 09:30
Date Received: 01/13/16 14:55

Lab Sample ID: 660-71470-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/14/16 13:35	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			01/14/16 13:35	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			01/14/16 13:35	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			01/14/16 13:35	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/14/16 13:35	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/14/16 13:35	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			01/14/16 13:35	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/14/16 13:35	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			01/14/16 13:35	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			01/14/16 13:35	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/14/16 13:35	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			01/14/16 13:35	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			01/14/16 13:35	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			01/14/16 13:35	1
Naphthalene	2.5	U	5.0	2.5	ug/L			01/14/16 13:35	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			01/14/16 13:35	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			01/14/16 13:35	1
o-Xylene	0.50	U	1.0	0.50	ug/L			01/14/16 13:35	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			01/14/16 13:35	1
Styrene	0.98	U	2.0	0.98	ug/L			01/14/16 13:35	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			01/14/16 13:35	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			01/14/16 13:35	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			01/14/16 13:35	1
Tetrachloroethene	**8.8**		1.0	0.50	ug/L			01/14/16 13:35	1
Toluene	0.51	U	1.0	0.51	ug/L			01/14/16 13:35	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			01/14/16 13:35	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			01/14/16 13:35	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			01/14/16 13:35	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			01/14/16 13:35	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/14/16 13:35	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/14/16 13:35	1
Trichloroethene	**19**		1.0	0.61	ug/L			01/14/16 13:35	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/14/16 13:35	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			01/14/16 13:35	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			01/14/16 13:35	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			01/14/16 13:35	1
Vinyl chloride	**4.5**	**J3**	1.0	0.71	ug/L			01/14/16 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*01/14/16 13:35*	*1*
Dibromofluoromethane	*116*		*70 - 130*		*01/14/16 13:35*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*01/14/16 13:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**53**		2.0	1.0	ug/L			01/14/16 14:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-165456/8
Matrix: Water
Analysis Batch: 165456

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			01/14/16 10:16	1
Benzene	0.50	U	1.0	0.50	ug/L			01/14/16 10:16	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			01/14/16 10:16	1
Bromoform	0.63	U	1.0	0.63	ug/L			01/14/16 10:16	1
Bromomethane	2.5	U	5.0	2.5	ug/L			01/14/16 10:16	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			01/14/16 10:16	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			01/14/16 10:16	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			01/14/16 10:16	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			01/14/16 10:16	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			01/14/16 10:16	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			01/14/16 10:16	1
Chloroethane	2.5	U	5.0	2.5	ug/L			01/14/16 10:16	1
Chloroform	0.90	U	1.0	0.90	ug/L			01/14/16 10:16	1
Chloromethane	1.0	U	4.0	1.0	ug/L			01/14/16 10:16	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			01/14/16 10:16	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			01/14/16 10:16	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			01/14/16 10:16	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			01/14/16 10:16	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			01/14/16 10:16	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			01/14/16 10:16	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			01/14/16 10:16	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			01/14/16 10:16	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			01/14/16 10:16	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			01/14/16 10:16	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			01/14/16 10:16	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			01/14/16 10:16	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			01/14/16 10:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			01/14/16 10:16	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			01/14/16 10:16	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			01/14/16 10:16	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			01/14/16 10:16	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			01/14/16 10:16	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			01/14/16 10:16	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			01/14/16 10:16	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			01/14/16 10:16	1
2-Hexanone	4.4	U	10	4.4	ug/L			01/14/16 10:16	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			01/14/16 10:16	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			01/14/16 10:16	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			01/14/16 10:16	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			01/14/16 10:16	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			01/14/16 10:16	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			01/14/16 10:16	1
Naphthalene	2.5	U	5.0	2.5	ug/L			01/14/16 10:16	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			01/14/16 10:16	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			01/14/16 10:16	1
o-Xylene	0.50	U	1.0	0.50	ug/L			01/14/16 10:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			01/14/16 10:16	1
Styrene	0.98	U	2.0	0.98	ug/L			01/14/16 10:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-165456/8
Matrix: Water
Analysis Batch: 165456

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			01/14/16 10:16	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			01/14/16 10:16	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			01/14/16 10:16	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			01/14/16 10:16	1
Toluene	0.51	U	1.0	0.51	ug/L			01/14/16 10:16	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			01/14/16 10:16	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			01/14/16 10:16	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			01/14/16 10:16	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			01/14/16 10:16	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/14/16 10:16	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			01/14/16 10:16	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			01/14/16 10:16	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			01/14/16 10:16	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			01/14/16 10:16	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			01/14/16 10:16	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			01/14/16 10:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			01/14/16 10:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*01/14/16 10:16*	*1*
Dibromofluoromethane	*114*		*70 - 130*		*01/14/16 10:16*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*01/14/16 10:16*	*1*

Lab Sample ID: LCS 660-165456/5
Matrix: Water
Analysis Batch: 165456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	98.4		ug/L		98	62 - 142
Benzene	10.0	10.2		ug/L		102	68 - 134
Bromobenzene	10.0	10.1		ug/L		101	70 - 130
Bromoform	10.0	10.3		ug/L		103	65 - 130
Bromomethane	10.0	6.38		ug/L		64	22 - 150
2-Butanone (MEK)	100	102		ug/L		102	63 - 140
Carbon disulfide	10.0	10.8		ug/L		108	30 - 150
Carbon tetrachloride	10.0	12.0		ug/L		120	61 - 134
Chlorobenzene	10.0	10.3		ug/L		103	70 - 130
Chlorobromomethane	10.0	9.87		ug/L		99	70 - 130
Chlorodibromomethane	10.0	10.5		ug/L		105	70 - 130
Chloroethane	10.0	9.81		ug/L		98	39 - 150
Chloroform	10.0	11.0		ug/L		110	68 - 130
Chloromethane	10.0	8.69		ug/L		87	35 - 150
2-Chlorotoluene	10.0	10.3		ug/L		103	70 - 130
4-Chlorotoluene	10.0	11.0		ug/L		110	70 - 130
cis-1,2-Dichloroethene	10.0	10.8		ug/L		108	66 - 130
cis-1,3-Dichloropropene	10.0	10.1		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.65		ug/L		87	63 - 130
Dibromomethane	10.0	10.4		ug/L		104	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-165456/5
Matrix: Water
Analysis Batch: 165456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
1,3-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
Dichlorobromomethane	10.0	10.7		ug/L		107	70 - 130
Dichlorodifluoromethane	10.0	8.61		ug/L		86	16 - 149
1,1-Dichloroethane	10.0	10.4		ug/L		104	66 - 130
1,2-Dichloroethane	10.0	11.3		ug/L		113	70 - 130
1,1-Dichloroethene	10.0	10.2		ug/L		102	51 - 150
1,2-Dichloropropane	10.0	9.19		ug/L		92	70 - 130
1,3-Dichloropropane	10.0	9.67		ug/L		97	70 - 130
2,2-Dichloropropane	10.0	11.4		ug/L		114	66 - 134
1,1-Dichloropropene	10.0	9.68		ug/L		97	65 - 136
Ethylbenzene	10.0	10.7		ug/L		107	70 - 130
Ethylene Dibromide	10.0	10.0		ug/L		100	66 - 130
Hexachlorobutadiene	10.0	10.9		ug/L		109	62 - 143
2-Hexanone	100	87.8		ug/L		88	60 - 148
Isopropylbenzene	10.0	9.16		ug/L		92	62 - 130
4-Isopropyltoluene	10.0	8.75		ug/L		87	65 - 134
Methylene Chloride	10.0	10.5		ug/L		105	57 - 130
4-Methyl-2-pentanone (MIBK)	100	77.4		ug/L		77	64 - 137
Methyl tert-butyl ether	10.0	9.54		ug/L		95	67 - 130
Naphthalene	10.0	7.19		ug/L		72	50 - 136
n-Butylbenzene	10.0	8.90		ug/L		89	61 - 131
N-Propylbenzene	10.0	8.98		ug/L		90	67 - 130
o-Xylene	10.0	10.3		ug/L		103	69 - 130
sec-Butylbenzene	10.0	9.11		ug/L		91	68 - 133
Styrene	10.0	8.88		ug/L		89	68 - 131
tert-Butylbenzene	10.0	9.32		ug/L		93	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.3		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.33		ug/L		93	70 - 130
Tetrachloroethene	10.0	11.0		ug/L		110	50 - 143
Toluene	10.0	10.2		ug/L		102	70 - 131
trans-1,2-Dichloroethene	10.0	10.7		ug/L		107	62 - 139
trans-1,3-Dichloropropene	10.0	9.96		ug/L		100	67 - 130
1,2,3-Trichlorobenzene	10.0	9.91		ug/L		99	58 - 132
1,2,4-Trichlorobenzene	10.0	10.2		ug/L		102	66 - 130
1,1,1-Trichloroethane	10.0	11.7		ug/L		117	63 - 132
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	70 - 130
Trichloroethene	10.0	9.94		ug/L		99	63 - 139
Trichlorofluoromethane	10.0	12.4		ug/L		124	62 - 146
1,2,3-Trichloropropane	10.0	9.86		ug/L		99	66 - 130
1,2,4-Trimethylbenzene	10.0	8.87		ug/L		89	70 - 132
1,3,5-Trimethylbenzene	10.0	8.94		ug/L		89	65 - 134
Vinyl chloride	10.0	10.4		ug/L		104	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-165456/5
Matrix: Water
Analysis Batch: 165456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 660-165456/6
Matrix: Water
Analysis Batch: 165456

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	84.1		ug/L		84	62 - 142	16	30
Benzene			10.0	9.09		ug/L		91	68 - 134	12	30
Bromobenzene			10.0	9.46		ug/L		95	70 - 130	7	30
Bromoform			10.0	10.3		ug/L		103	65 - 130	0	30
Bromomethane			10.0	5.86		ug/L		59	22 - 150	9	30
2-Butanone (MEK)			100	91.7		ug/L		92	63 - 140	10	30
Carbon disulfide			10.0	9.66		ug/L		97	30 - 150	11	30
Carbon tetrachloride			10.0	11.2		ug/L		112	61 - 134	7	30
Chlorobenzene			10.0	9.63		ug/L		96	70 - 130	6	30
Chlorobromomethane			10.0	9.29		ug/L		93	70 - 130	6	30
Chlorodibromomethane			10.0	9.97		ug/L		100	70 - 130	5	30
Chloroethane			10.0	9.53		ug/L		95	39 - 150	3	30
Chloroform			10.0	9.54		ug/L		95	68 - 130	14	30
Chloromethane			10.0	7.51		ug/L		75	35 - 150	14	30
2-Chlorotoluene			10.0	9.81		ug/L		98	70 - 130	5	30
4-Chlorotoluene			10.0	9.66		ug/L		97	70 - 130	13	30
cis-1,2-Dichloroethene			10.0	9.85		ug/L		99	66 - 130	9	30
cis-1,3-Dichloropropene			10.0	9.05		ug/L		91	70 - 130	11	30
1,2-Dibromo-3-Chloropropane			10.0	9.58		ug/L		96	63 - 130	10	30
Dibromomethane			10.0	10.2		ug/L		102	70 - 130	2	30
1,2-Dichlorobenzene			10.0	9.39		ug/L		94	70 - 130	10	30
1,3-Dichlorobenzene			10.0	9.77		ug/L		98	70 - 130	8	30
1,4-Dichlorobenzene			10.0	9.37		ug/L		94	70 - 130	8	30
Dichlorobromomethane			10.0	9.96		ug/L		100	70 - 130	7	30
Dichlorodifluoromethane			10.0	7.22		ug/L		72	16 - 149	18	30
1,1-Dichloroethane			10.0	9.95		ug/L		100	66 - 130	4	30
1,2-Dichloroethane			10.0	10.3		ug/L		103	70 - 130	10	30
1,1-Dichloroethene			10.0	9.38		ug/L		94	51 - 150	8	30
1,2-Dichloropropane			10.0	9.04		ug/L		90	70 - 130	2	30
1,3-Dichloropropane			10.0	8.84		ug/L		88	70 - 130	9	30
2,2-Dichloropropane			10.0	10.6		ug/L		106	66 - 134	7	30
1,1-Dichloropropene			10.0	8.69		ug/L		87	65 - 136	11	30
Ethylbenzene			10.0	9.72		ug/L		97	70 - 130	10	30
Ethylene Dibromide			10.0	9.58		ug/L		96	66 - 130	5	30
Hexachlorobutadiene			10.0	11.1		ug/L		111	62 - 143	2	30
2-Hexanone			100	82.8		ug/L		83	60 - 148	6	30
Isopropylbenzene			10.0	8.16		ug/L		82	62 - 130	12	30
4-Isopropyltoluene			10.0	7.82		ug/L		78	65 - 134	11	30
Methylene Chloride			10.0	9.49		ug/L		95	57 - 130	10	30
4-Methyl-2-pentanone (MIBK)			100	74.0		ug/L		74	64 - 137	5	30
Methyl tert-butyl ether			10.0	9.07		ug/L		91	67 - 130	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-165456/6
Matrix: Water
Analysis Batch: 165456

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	10.0	6.82		ug/L		68	50 - 136	5	30
n-Butylbenzene	10.0	7.94		ug/L		79	61 - 131	11	30
N-Propylbenzene	10.0	8.48		ug/L		85	67 - 130	6	30
o-Xylene	10.0	9.23		ug/L		92	69 - 130	11	30
sec-Butylbenzene	10.0	8.09		ug/L		81	68 - 133	12	30
Styrene	10.0	8.36		ug/L		84	68 - 131	6	30
tert-Butylbenzene	10.0	8.27		ug/L		83	64 - 130	12	30
1,1,1,2-Tetrachloroethane	10.0	9.44		ug/L		94	70 - 130	9	30
1,1,2,2-Tetrachloroethane	10.0	8.45		ug/L		85	70 - 130	10	30
Tetrachloroethene	10.0	9.95		ug/L		99	50 - 143	10	30
Toluene	10.0	9.27		ug/L		93	70 - 131	10	30
trans-1,2-Dichloroethene	10.0	9.88		ug/L		99	62 - 139	8	30
trans-1,3-Dichloropropene	10.0	9.60		ug/L		96	67 - 130	4	30
1,2,3-Trichlorobenzene	10.0	8.94		ug/L		89	58 - 132	10	30
1,2,4-Trichlorobenzene	10.0	9.55		ug/L		95	66 - 130	6	30
1,1,1-Trichloroethane	10.0	11.0		ug/L		110	63 - 132	6	30
1,1,2-Trichloroethane	10.0	8.95		ug/L		90	70 - 130	14	30
Trichloroethene	10.0	9.41		ug/L		94	63 - 139	5	30
Trichlorofluoromethane	10.0	10.8		ug/L		108	62 - 146	14	30
1,2,3-Trichloropropane	10.0	9.56		ug/L		96	66 - 130	3	30
1,2,4-Trimethylbenzene	10.0	8.04		ug/L		80	70 - 132	10	30
1,3,5-Trimethylbenzene	10.0	8.30		ug/L		83	65 - 134	7	30
Vinyl chloride	10.0	7.14	J3	ug/L		71	48 - 147	37	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-71470-3 MS
Matrix: Water
Analysis Batch: 165456

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	19	I	100	96.1		ug/L		77	62 - 142
Benzene	0.50	U	10.0	9.53		ug/L		95	68 - 134
Bromobenzene	0.58	U	10.0	9.68		ug/L		97	70 - 130
Bromoform	0.63	U	10.0	10.3		ug/L		103	65 - 130
Bromomethane	2.5	U	10.0	4.83	I	ug/L		48	22 - 150
2-Butanone (MEK)	8.4	U	100	81.2		ug/L		81	63 - 140
Carbon disulfide	1.0	U	10.0	10.1		ug/L		101	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.5		ug/L		115	61 - 134
Chlorobenzene	0.63	U	10.0	9.98		ug/L		100	70 - 130
Chlorobromomethane	0.58	U	10.0	9.92		ug/L		99	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.5		ug/L		105	70 - 130
Chloroethane	2.5	U	10.0	9.76		ug/L		98	39 - 150
Chloroform	0.90	U	10.0	10.1		ug/L		101	68 - 130
Chloromethane	1.0	U	10.0	7.49		ug/L		75	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71470-3 MS
Matrix: Water
Analysis Batch: 165456

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	9.57		ug/L		96	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.94		ug/L		99	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.2		ug/L		102	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.56		ug/L		96	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.08		ug/L		91	63 - 130
Dibromomethane	0.46	U	10.0	10.1		ug/L		101	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.82		ug/L		98	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.73		ug/L		97	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.33		ug/L		93	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.3		ug/L		103	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	7.39		ug/L		74	16 - 149
1,1-Dichloroethane	4.3		10.0	14.3		ug/L		100	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.4		ug/L		104	70 - 130
1,1-Dichloroethene	0.67	U	10.0	9.80		ug/L		98	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.11		ug/L		91	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.54		ug/L		95	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.0		ug/L		110	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.52		ug/L		95	65 - 136
Ethylbenzene	0.44	U	10.0	9.94		ug/L		99	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.0		ug/L		100	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.5		ug/L		105	62 - 143
2-Hexanone	4.4	U	100	71.0		ug/L		71	60 - 148
Isopropylbenzene	0.52	U	10.0	8.10		ug/L		81	62 - 130
4-Isopropyltoluene	0.69	U	10.0	7.84		ug/L		78	65 - 134
Methylene Chloride	4.0	U	10.0	9.75		ug/L		98	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U J3	100	61.9	J3	ug/L		62	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.71		ug/L		97	67 - 130
Naphthalene	2.5	U	10.0	6.38		ug/L		64	50 - 136
n-Butylbenzene	0.67	U	10.0	7.54		ug/L		75	61 - 131
N-Propylbenzene	0.59	U	10.0	8.25		ug/L		83	67 - 130
o-Xylene	0.50	U	10.0	9.00		ug/L		90	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.28		ug/L		83	68 - 133
Styrene	0.98	U	10.0	7.60		ug/L		76	68 - 131
tert-Butylbenzene	0.84	U	10.0	8.39		ug/L		84	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.59		ug/L		96	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.10		ug/L		81	70 - 130
Tetrachloroethene	0.50	U	10.0	10.4		ug/L		104	50 - 143
Toluene	0.51	U	10.0	9.78		ug/L		98	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.75		ug/L		98	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.1		ug/L		101	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.78		ug/L		88	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.46		ug/L		95	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	11.8		ug/L		118	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.71		ug/L		97	70 - 130
Trichloroethene	0.61	U	10.0	9.89		ug/L		99	63 - 139
Trichlorofluoromethane	2.5	U	10.0	10.8		ug/L		108	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.49		ug/L		95	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	7.67		ug/L		77	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71470-3 MS
Matrix: Water
Analysis Batch: 165456

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	8.08		ug/L		81	65 - 134
Vinyl chloride	0.71	U J3	10.0	7.77		ug/L		78	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*111*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 660-71470-2 DU
Matrix: Water
Analysis Batch: 165456

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	18	I	18.9	I	ug/L		6	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	4.9		4.82		ug/L		2	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71470-2 DU
Matrix: Water
Analysis Batch: 165456

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U J3		0.71	U J3	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*115*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-165460/7
Matrix: Water
Analysis Batch: 165460

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			01/14/16 11:29	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-165460/4
Matrix: Water
Analysis Batch: 165460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	8.96		ug/L		90	50 - 150		

Lab Sample ID: LCSD 660-165460/5
Matrix: Water
Analysis Batch: 165460

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.39		ug/L		84	50 - 150	7	50

Lab Sample ID: 660-71470-2 MS
Matrix: Water
Analysis Batch: 165460

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	3.7		10.0	10.3		ug/L		65	50 - 150		

Lab Sample ID: 660-71470-2 MSD
Matrix: Water
Analysis Batch: 165460

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	3.7		10.0	10.5		ug/L		67	50 - 150	2	50

GC/MS VOA

Analysis Batch: 165456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71470-1	AOP Feed	Total/NA	Water	8260B	
660-71470-2	AOP-A effluent	Total/NA	Water	8260B	
660-71470-2 DU	AOP-A effluent	Total/NA	Water	8260B	
660-71470-3	AOP-B effluent	Total/NA	Water	8260B	
660-71470-3 MS	AOP-B effluent	Total/NA	Water	8260B	
660-71470-4	AOP-C Effluent	Total/NA	Water	8260B	
660-71470-5	PGE	Total/NA	Water	8260B	
660-71470-6	SGE	Total/NA	Water	8260B	
660-71470-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-165456/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-165456/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-165456/8	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 165460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71470-1	AOP Feed	Total/NA	Water	8260C SIM	
660-71470-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-71470-2 MS	AOP-A effluent	Total/NA	Water	8260C SIM	
660-71470-2 MSD	AOP-A effluent	Total/NA	Water	8260C SIM	
660-71470-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-71470-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-71470-5	PGE	Total/NA	Water	8260C SIM	
660-71470-6	SGE	Total/NA	Water	8260C SIM	
660-71470-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-165460/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-165460/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-165460/7	Method Blank	Total/NA	Water	8260C SIM	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71470-1

Client Sample ID: AOP Feed
Lab Sample ID: 660-71470-1
Date Collected: 01/13/16 09:00
Matrix: Water
Date Received: 01/13/16 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165456	01/14/16 13:17	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	165460	01/14/16 14:31	ECC	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-71470-2
Date Collected: 01/13/16 09:05
Matrix: Water
Date Received: 01/13/16 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165456	01/14/16 10:48	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	165460	01/14/16 11:57	ECC	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-71470-3
Date Collected: 01/13/16 09:10
Matrix: Water
Date Received: 01/13/16 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165456	01/14/16 11:07	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	165460	01/14/16 13:15	ECC	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-71470-4
Date Collected: 01/13/16 09:15
Matrix: Water
Date Received: 01/13/16 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165456	01/14/16 12:21	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	165460	01/14/16 13:34	ECC	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-71470-5
Date Collected: 01/13/16 09:20
Matrix: Water
Date Received: 01/13/16 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165456	01/14/16 12:40	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	165460	01/14/16 13:54	ECC	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-71470-6
Date Collected: 01/13/16 09:25
Matrix: Water
Date Received: 01/13/16 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165456	01/14/16 12:58	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71470-1

Client Sample ID: SGE

Lab Sample ID: 660-71470-6

Date Collected: 01/13/16 09:25

Matrix: Water

Date Received: 01/13/16 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	165460	01/14/16 14:13	ECC	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-71470-7

Date Collected: 01/13/16 09:30

Matrix: Water

Date Received: 01/13/16 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	165456	01/14/16 13:35	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	165460	01/14/16 14:50	ECC	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71470-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71470-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 59731 60313454 03.09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Sampling	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Loc: 660
71470

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List					Total Number of containers	Special Instructions/Note:
Preservation Code:							A	A							
AOP Feed	1/13/16	9:00	G	Water	N	N	2	2							Inf flow - 140
AOP-A effluent	1/13/16	0905	G	Water	N	N	2	2							A-63
AOP-B effluent	1/13/16	0910	G	Water	N	N	2	2							B-40
AOP-C Effluent	1/13/16	0915	G	Water	N	N	2	2							C-40
PGE	1/13/16	0920	G	Water	N	N	2	2							EW-2103 off
SGE	1/13/16	0925	G	Water	N	N	2	2							EW-2104 @ 33
Combined Influent	1/13/16	0930	G	Water	N	N		2	2						EW-2101 @ 27
															EW-2102 @ 10

660-71470 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 1-12-16 1400	Company AECOM
Relinquished by:	Date/Time: 1-13-16	Company AECOM	Received by:	Date/Time: 1-13-16 @ 1325	Company TA-TPA
Relinquished by:	Date/Time: 1-13-16 @ 1455	Company TA-TPA	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.4/4.1

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1/15/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-71470-1

Login Number: 71470
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-71843-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
2/4/2016 12:33:26 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-71843-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-71843-1	AOP Feed	Water	02/02/16 09:00	02/02/16 13:30
660-71843-2	AOP-A effluent	Water	02/02/16 09:05	02/02/16 13:30
660-71843-3	AOP-B effluent	Water	02/02/16 09:10	02/02/16 13:30
660-71843-4	AOP-C Effluent	Water	02/02/16 09:15	02/02/16 13:30
660-71843-5	PGE	Water	02/02/16 09:20	02/02/16 13:30
660-71843-6	SGE	Water	02/02/16 09:25	02/02/16 13:30
660-71843-7	Combined Influent	Water	02/02/16 09:30	02/02/16 13:30

Job ID: 660-71843-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-71843-1

Comments
No additional comments.

Receipt
The samples were received on 2/2/2016 1:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.5º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-71843-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-71843-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-71843-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.4		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.4		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	10		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.5		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	47		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-71843-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-71843-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	0.63	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-71843-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.6		1.0	0.52	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.2		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.52	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	1.1		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	9.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-71843-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-71843-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-71843-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	25		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	7.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	15		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.9		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.71	I	1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	16		1.0	0.61	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-71843-1

Client Sample ID: Combined Influent (Continued)

Lab Sample ID: 660-71843-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	5.2		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	52		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-71843-1
Date Collected: 02/02/16 09:00
Matrix: Water
Date Received: 02/02/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.3		1.0	0.52	ug/L			02/03/16 17:43	1
1,1-Dichloroethene	9.4		1.0	0.67	ug/L			02/03/16 17:43	1
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L			02/03/16 17:43	1
Tetrachloroethene	3.4		1.0	0.50	ug/L			02/03/16 17:43	1
Trichloroethene	10		1.0	0.61	ug/L			02/03/16 17:43	1
Vinyl chloride	1.5		1.0	0.71	ug/L			02/03/16 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*02/03/16 17:43*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*02/03/16 17:43*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*02/03/16 17:43*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	47		2.0	1.0	ug/L			02/03/16 18:40	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-71843-2
Date Collected: 02/02/16 09:05
Matrix: Water
Date Received: 02/02/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.3		1.0	0.52	ug/L			02/03/16 15:43	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/03/16 15:43	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/03/16 15:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/03/16 15:43	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/03/16 15:43	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/03/16 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*02/03/16 15:43*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*02/03/16 15:43*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*02/03/16 15:43*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	5.0		2.0	1.0	ug/L			02/03/16 17:07	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-71843-3
Date Collected: 02/02/16 09:10
Matrix: Water
Date Received: 02/02/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.4		1.0	0.52	ug/L			02/03/16 16:35	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/03/16 16:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/03/16 16:35	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/03/16 16:35	1
Trichloroethene	0.63	I	1.0	0.61	ug/L			02/03/16 16:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/03/16 16:35	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-71843-3
Matrix: Water
Date Collected: 02/02/16 09:10
Date Received: 02/02/16 13:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*02/03/16 16:35*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*02/03/16 16:35*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*02/03/16 16:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.3**		2.0	1.0	ug/L			02/03/16 17:25	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-71843-4
Matrix: Water
Date Collected: 02/02/16 09:15
Date Received: 02/02/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.6**		1.0	0.52	ug/L			02/03/16 16:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/03/16 16:52	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.65	ug/L			02/03/16 16:52	1
Tetrachloroethene	**0.52**	**I**	1.0	0.50	ug/L			02/03/16 16:52	1
Trichloroethene	**1.1**		1.0	0.61	ug/L			02/03/16 16:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/03/16 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/03/16 16:52*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*02/03/16 16:52*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/03/16 16:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**9.6**		2.0	1.0	ug/L			02/03/16 17:44	1

Client Sample ID: PGE

Lab Sample ID: 660-71843-5
Matrix: Water
Date Collected: 02/02/16 09:20
Date Received: 02/02/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.0**		1.0	0.52	ug/L			02/03/16 17:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/03/16 17:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/03/16 17:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/03/16 17:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/03/16 17:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/03/16 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/03/16 17:09*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*02/03/16 17:09*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*02/03/16 17:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.0**		2.0	1.0	ug/L			02/03/16 18:04	1

Client Sample ID: SGE

Lab Sample ID: 660-71843-6

Date Collected: 02/02/16 09:25

Matrix: Water

Date Received: 02/02/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/03/16 17:26	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/03/16 17:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/03/16 17:26	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/03/16 17:26	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/03/16 17:26	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/03/16 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/03/16 17:26*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*02/03/16 17:26*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/03/16 17:26*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.2**		2.0	1.0	ug/L			02/03/16 18:22	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-71843-7

Date Collected: 02/02/16 09:30

Matrix: Water

Date Received: 02/02/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/03/16 18:01	1
Benzene	0.50	U	1.0	0.50	ug/L			02/03/16 18:01	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/03/16 18:01	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/03/16 18:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/03/16 18:01	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/03/16 18:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/03/16 18:01	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/03/16 18:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/03/16 18:01	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/03/16 18:01	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/03/16 18:01	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/03/16 18:01	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/03/16 18:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/03/16 18:01	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/03/16 18:01	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/03/16 18:01	1
cis-1,2-Dichloroethene	**25**		1.0	0.65	ug/L			02/03/16 18:01	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/03/16 18:01	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/03/16 18:01	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/03/16 18:01	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/03/16 18:01	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/03/16 18:01	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/03/16 18:01	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/03/16 18:01	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/03/16 18:01	1
1,1-Dichloroethane	**7.0**		1.0	0.52	ug/L			02/03/16 18:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/03/16 18:01	1
1,1-Dichloroethene	**15**		1.0	0.67	ug/L			02/03/16 18:01	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-71843-7

Date Collected: 02/02/16 09:30

Matrix: Water

Date Received: 02/02/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/03/16 18:01	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/03/16 18:01	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/03/16 18:01	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/03/16 18:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/03/16 18:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/03/16 18:01	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/03/16 18:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/03/16 18:01	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/03/16 18:01	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/03/16 18:01	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/03/16 18:01	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/03/16 18:01	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/03/16 18:01	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/03/16 18:01	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/03/16 18:01	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/03/16 18:01	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/03/16 18:01	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/03/16 18:01	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/03/16 18:01	1
Styrene	0.98	U	2.0	0.98	ug/L			02/03/16 18:01	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/03/16 18:01	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/03/16 18:01	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/03/16 18:01	1
Tetrachloroethene	**6.9**		1.0	0.50	ug/L			02/03/16 18:01	1
Toluene	0.51	U	1.0	0.51	ug/L			02/03/16 18:01	1
trans-1,2-Dichloroethene	**0.71**	**I**	1.0	0.67	ug/L			02/03/16 18:01	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/03/16 18:01	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/03/16 18:01	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/03/16 18:01	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/03/16 18:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/03/16 18:01	1
Trichloroethene	**16**		1.0	0.61	ug/L			02/03/16 18:01	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/03/16 18:01	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/03/16 18:01	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/03/16 18:01	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/03/16 18:01	1
Vinyl chloride	**5.2**		1.0	0.71	ug/L			02/03/16 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/03/16 18:01*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*02/03/16 18:01*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*02/03/16 18:01*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**52**		2.0	1.0	ug/L			02/03/16 18:59	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-166143/17
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/03/16 14:52	1
Benzene	0.50	U	1.0	0.50	ug/L			02/03/16 14:52	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/03/16 14:52	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/03/16 14:52	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/03/16 14:52	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/03/16 14:52	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/03/16 14:52	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/03/16 14:52	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/03/16 14:52	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/03/16 14:52	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/03/16 14:52	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/03/16 14:52	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/03/16 14:52	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/03/16 14:52	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/03/16 14:52	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/03/16 14:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/03/16 14:52	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/03/16 14:52	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/03/16 14:52	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/03/16 14:52	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/03/16 14:52	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/03/16 14:52	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/03/16 14:52	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/03/16 14:52	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/03/16 14:52	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/03/16 14:52	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/03/16 14:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/03/16 14:52	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/03/16 14:52	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/03/16 14:52	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/03/16 14:52	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/03/16 14:52	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/03/16 14:52	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/03/16 14:52	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/03/16 14:52	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/03/16 14:52	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/03/16 14:52	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/03/16 14:52	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/03/16 14:52	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/03/16 14:52	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/03/16 14:52	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/03/16 14:52	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/03/16 14:52	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/03/16 14:52	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/03/16 14:52	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/03/16 14:52	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/03/16 14:52	1
Styrene	0.98	U	2.0	0.98	ug/L			02/03/16 14:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166143/17
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/03/16 14:52	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/03/16 14:52	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/03/16 14:52	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/03/16 14:52	1
Toluene	0.51	U	1.0	0.51	ug/L			02/03/16 14:52	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/03/16 14:52	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/03/16 14:52	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/03/16 14:52	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/03/16 14:52	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/03/16 14:52	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/03/16 14:52	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/03/16 14:52	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/03/16 14:52	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/03/16 14:52	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/03/16 14:52	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/03/16 14:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/03/16 14:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*02/03/16 14:52*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*02/03/16 14:52*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/03/16 14:52*	*1*

Lab Sample ID: LCS 660-166143/13
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	94.3		ug/L		94	62 - 142
Benzene	10.0	10.4		ug/L		104	68 - 134
Bromobenzene	10.0	11.0		ug/L		110	70 - 130
Bromoform	10.0	10.7		ug/L		107	65 - 130
Bromomethane	10.0	12.5		ug/L		125	22 - 150
2-Butanone (MEK)	100	87.7		ug/L		88	63 - 140
Carbon disulfide	10.0	10.5		ug/L		105	30 - 150
Carbon tetrachloride	10.0	9.84		ug/L		98	61 - 134
Chlorobenzene	10.0	10.6		ug/L		106	70 - 130
Chlorobromomethane	10.0	10.3		ug/L		103	70 - 130
Chlorodibromomethane	10.0	10.2		ug/L		102	70 - 130
Chloroethane	10.0	9.73		ug/L		97	39 - 150
Chloroform	10.0	10.0		ug/L		100	68 - 130
Chloromethane	10.0	9.03		ug/L		90	35 - 150
2-Chlorotoluene	10.0	10.8		ug/L		108	70 - 130
4-Chlorotoluene	10.0	10.8		ug/L		108	70 - 130
cis-1,2-Dichloroethene	10.0	9.93		ug/L		99	66 - 130
cis-1,3-Dichloropropene	10.0	9.95		ug/L		99	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.38		ug/L		94	63 - 130
Dibromomethane	10.0	10.5		ug/L		105	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166143/13
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	9.84		ug/L		98	70 - 130
1,3-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
1,4-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130
Dichlorobromomethane	10.0	9.48		ug/L		95	70 - 130
Dichlorodifluoromethane	10.0	8.18		ug/L		82	16 - 149
1,1-Dichloroethane	10.0	10.9		ug/L		109	66 - 130
1,2-Dichloroethane	10.0	10.1		ug/L		101	70 - 130
1,1-Dichloroethene	10.0	9.64		ug/L		96	51 - 150
1,2-Dichloropropane	10.0	11.2		ug/L		112	70 - 130
1,3-Dichloropropane	10.0	10.3		ug/L		103	70 - 130
2,2-Dichloropropane	10.0	9.74		ug/L		97	66 - 134
1,1-Dichloropropene	10.0	10.3		ug/L		103	65 - 136
Ethylbenzene	10.0	9.62		ug/L		96	70 - 130
Ethylene Dibromide	10.0	9.68		ug/L		97	66 - 130
Hexachlorobutadiene	10.0	9.58		ug/L		96	62 - 143
2-Hexanone	100	95.9		ug/L		96	60 - 148
Isopropylbenzene	10.0	11.1		ug/L		111	62 - 130
4-Isopropyltoluene	10.0	10.5		ug/L		105	65 - 134
Methylene Chloride	10.0	10.4		ug/L		104	57 - 130
4-Methyl-2-pentanone (MIBK)	100	91.9		ug/L		92	64 - 137
Methyl tert-butyl ether	10.0	10.6		ug/L		106	67 - 130
Naphthalene	10.0	9.30		ug/L		93	50 - 136
n-Butylbenzene	10.0	9.62		ug/L		96	61 - 131
N-Propylbenzene	10.0	10.8		ug/L		108	67 - 130
o-Xylene	10.0	10.4		ug/L		104	69 - 130
sec-Butylbenzene	10.0	10.9		ug/L		109	68 - 133
Styrene	10.0	10.1		ug/L		101	68 - 131
tert-Butylbenzene	10.0	11.3		ug/L		113	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.2		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.9		ug/L		109	70 - 130
Tetrachloroethene	10.0	10.1		ug/L		101	50 - 143
Toluene	10.0	10.1		ug/L		101	70 - 131
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	62 - 139
trans-1,3-Dichloropropene	10.0	10.7		ug/L		107	67 - 130
1,2,3-Trichlorobenzene	10.0	9.05		ug/L		91	58 - 132
1,2,4-Trichlorobenzene	10.0	9.39		ug/L		94	66 - 130
1,1,1-Trichloroethane	10.0	10.4		ug/L		104	63 - 132
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	70 - 130
Trichloroethene	10.0	10.7		ug/L		107	63 - 139
Trichlorofluoromethane	10.0	11.0		ug/L		110	62 - 146
1,2,3-Trichloropropane	10.0	11.3		ug/L		113	66 - 130
1,2,4-Trimethylbenzene	10.0	10.7		ug/L		107	70 - 132
1,3,5-Trimethylbenzene	10.0	11.2		ug/L		112	65 - 134
Vinyl chloride	10.0	9.39		ug/L		94	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166143/13
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 660-166143/14
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	101		ug/L		101	62 - 142	7	30
Benzene			10.0	9.86		ug/L		99	68 - 134	5	30
Bromobenzene			10.0	10.3		ug/L		103	70 - 130	7	30
Bromoform			10.0	9.19		ug/L		92	65 - 130	15	30
Bromomethane			10.0	11.2		ug/L		112	22 - 150	11	30
2-Butanone (MEK)			100	85.7		ug/L		86	63 - 140	2	30
Carbon disulfide			10.0	10.5		ug/L		105	30 - 150	0	30
Carbon tetrachloride			10.0	10.2		ug/L		102	61 - 134	3	30
Chlorobenzene			10.0	10.2		ug/L		102	70 - 130	4	30
Chlorobromomethane			10.0	9.97		ug/L		100	70 - 130	3	30
Chlorodibromomethane			10.0	9.76		ug/L		98	70 - 130	4	30
Chloroethane			10.0	9.51		ug/L		95	39 - 150	2	30
Chloroform			10.0	9.69		ug/L		97	68 - 130	3	30
Chloromethane			10.0	10.1		ug/L		101	35 - 150	11	30
2-Chlorotoluene			10.0	9.60		ug/L		96	70 - 130	12	30
4-Chlorotoluene			10.0	10.2		ug/L		102	70 - 130	5	30
cis-1,2-Dichloroethene			10.0	10.0		ug/L		100	66 - 130	1	30
cis-1,3-Dichloropropene			10.0	9.79		ug/L		98	70 - 130	2	30
1,2-Dibromo-3-Chloropropane			10.0	9.81		ug/L		98	63 - 130	4	30
Dibromomethane			10.0	10.2		ug/L		102	70 - 130	3	30
1,2-Dichlorobenzene			10.0	10.0		ug/L		100	70 - 130	2	30
1,3-Dichlorobenzene			10.0	10.2		ug/L		102	70 - 130	0	30
1,4-Dichlorobenzene			10.0	10.1		ug/L		101	70 - 130	2	30
Dichlorobromomethane			10.0	9.69		ug/L		97	70 - 130	2	30
Dichlorodifluoromethane			10.0	8.46		ug/L		85	16 - 149	3	30
1,1-Dichloroethane			10.0	10.2		ug/L		102	66 - 130	6	30
1,2-Dichloroethane			10.0	9.79		ug/L		98	70 - 130	3	30
1,1-Dichloroethene			10.0	10.1		ug/L		101	51 - 150	4	30
1,2-Dichloropropane			10.0	10.5		ug/L		105	70 - 130	6	30
1,3-Dichloropropane			10.0	9.69		ug/L		97	70 - 130	6	30
2,2-Dichloropropane			10.0	10.0		ug/L		100	66 - 134	3	30
1,1-Dichloropropene			10.0	10.7		ug/L		107	65 - 136	4	30
Ethylbenzene			10.0	9.46		ug/L		95	70 - 130	2	30
Ethylene Dibromide			10.0	9.81		ug/L		98	66 - 130	1	30
Hexachlorobutadiene			10.0	10.2		ug/L		102	62 - 143	6	30
2-Hexanone			100	94.0		ug/L		94	60 - 148	2	30
Isopropylbenzene			10.0	10.3		ug/L		103	62 - 130	8	30
4-Isopropyltoluene			10.0	10.1		ug/L		101	65 - 134	4	30
Methylene Chloride			10.0	9.98		ug/L		100	57 - 130	4	30
4-Methyl-2-pentanone (MIBK)			100	90.3		ug/L		90	64 - 137	2	30
Methyl tert-butyl ether			10.0	9.88		ug/L		99	67 - 130	7	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166143/14
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	10.6		ug/L		106	50 - 136	13	30
n-Butylbenzene			10.0	10.3		ug/L		103	61 - 131	7	30
N-Propylbenzene			10.0	10.1		ug/L		101	67 - 130	6	30
o-Xylene			10.0	10.1		ug/L		101	69 - 130	2	30
sec-Butylbenzene			10.0	10.2		ug/L		102	68 - 133	7	30
Styrene			10.0	10.1		ug/L		101	68 - 131	0	30
tert-Butylbenzene			10.0	10.7		ug/L		107	64 - 130	6	30
1,1,1,2-Tetrachloroethane			10.0	10.0		ug/L		100	70 - 130	1	30
1,1,2,2-Tetrachloroethane			10.0	9.76		ug/L		98	70 - 130	11	30
Tetrachloroethene			10.0	9.90		ug/L		99	50 - 143	2	30
Toluene			10.0	9.85		ug/L		98	70 - 131	3	30
trans-1,2-Dichloroethene			10.0	10.4		ug/L		104	62 - 139	2	30
trans-1,3-Dichloropropene			10.0	10.4		ug/L		104	67 - 130	2	30
1,2,3-Trichlorobenzene			10.0	9.96		ug/L		100	58 - 132	10	30
1,2,4-Trichlorobenzene			10.0	10.6		ug/L		106	66 - 130	12	30
1,1,1-Trichloroethane			10.0	10.4		ug/L		104	63 - 132	0	30
1,1,2-Trichloroethane			10.0	10.3		ug/L		103	70 - 130	0	30
Trichloroethene			10.0	10.4		ug/L		104	63 - 139	3	30
Trichlorofluoromethane			10.0	8.78		ug/L		88	62 - 146	23	30
1,2,3-Trichloropropane			10.0	10.3		ug/L		103	66 - 130	9	30
1,2,4-Trimethylbenzene			10.0	9.72		ug/L		97	70 - 132	10	30
1,3,5-Trimethylbenzene			10.0	10.2		ug/L		102	65 - 134	9	30
Vinyl chloride			10.0	10.7		ug/L		107	48 - 147	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-71843-2 MS
Matrix: Water
Analysis Batch: 166143

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	19	I	100	109		ug/L		90	62 - 142
Benzene	0.50	U	10.0	10.7		ug/L		107	68 - 134
Bromobenzene	0.58	U	10.0	10.2		ug/L		102	70 - 130
Bromoform	0.63	U	10.0	10.1		ug/L		101	65 - 130
Bromomethane	2.5	U	10.0	11.2		ug/L		112	22 - 150
2-Butanone (MEK)	8.4	U	100	87.4		ug/L		87	63 - 140
Carbon disulfide	1.0	U	10.0	10.4		ug/L		104	30 - 150
Carbon tetrachloride	0.43	U	10.0	10.7		ug/L		107	61 - 134
Chlorobenzene	0.63	U	10.0	10.6		ug/L		106	70 - 130
Chlorobromomethane	0.58	U	10.0	10.2		ug/L		102	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.7		ug/L		107	70 - 130
Chloroethane	2.5	U	10.0	11.6		ug/L		116	39 - 150
Chloroform	0.90	U	10.0	10.4		ug/L		104	68 - 130
Chloromethane	1.0	U	10.0	11.6		ug/L		116	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71843-2 MS
Matrix: Water
Analysis Batch: 166143

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	10.2		ug/L		102	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.3		ug/L		103	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	11.2		ug/L		112	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.97		ug/L		100	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.85		ug/L		99	63 - 130
Dibromomethane	0.46	U	10.0	9.79		ug/L		98	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.5		ug/L		105	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.6		ug/L		106	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.4		ug/L		104	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.4		ug/L		104	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	10.5		ug/L		105	16 - 149
1,1-Dichloroethane	4.3		10.0	14.9		ug/L		106	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.7		ug/L		107	70 - 130
1,1-Dichloroethene	0.67	U	10.0	10.1		ug/L		101	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.9		ug/L		109	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.4		ug/L		104	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.3		ug/L		103	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.1		ug/L		111	65 - 136
Ethylbenzene	0.44	U	10.0	9.88		ug/L		99	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.2		ug/L		102	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.1		ug/L		101	62 - 143
2-Hexanone	4.4	U	100	95.8		ug/L		96	60 - 148
Isopropylbenzene	0.52	U	10.0	10.6		ug/L		106	62 - 130
4-Isopropyltoluene	0.69	U	10.0	10.2		ug/L		102	65 - 134
Methylene Chloride	4.0	U	10.0	10.1		ug/L		101	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	95.7		ug/L		96	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.2		ug/L		102	67 - 130
Naphthalene	2.5	U	10.0	9.56		ug/L		96	50 - 136
n-Butylbenzene	0.67	U	10.0	10.5		ug/L		105	61 - 131
N-Propylbenzene	0.59	U	10.0	10.3		ug/L		103	67 - 130
o-Xylene	0.50	U	10.0	10.5		ug/L		105	69 - 130
sec-Butylbenzene	0.63	U	10.0	10.7		ug/L		107	68 - 133
Styrene	0.98	U	10.0	10.4		ug/L		104	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.5		ug/L		105	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.0		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.6		ug/L		106	70 - 130
Tetrachloroethene	0.50	U	10.0	10.6		ug/L		106	50 - 143
Toluene	0.51	U	10.0	10.4		ug/L		104	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.6		ug/L		106	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.3		ug/L		103	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.49		ug/L		95	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.75		ug/L		97	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	11.2		ug/L		112	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.4		ug/L		104	70 - 130
Trichloroethene	0.61	U	10.0	11.5		ug/L		115	63 - 139
Trichlorofluoromethane	2.5	U	10.0	11.5		ug/L		115	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.1		ug/L		101	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.4		ug/L		104	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71843-2 MS
Matrix: Water
Analysis Batch: 166143

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	10.4		ug/L		104	65 - 134
Vinyl chloride	0.71	U	10.0	11.6		ug/L		116	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-71844-E-1 DU
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71844-E-1 DU
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-166147/7
Matrix: Water
Analysis Batch: 166147

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/03/16 11:53	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166147/4
Matrix: Water
Analysis Batch: 166147

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	8.69		ug/L		87	50 - 150		

Lab Sample ID: LCSD 660-166147/5
Matrix: Water
Analysis Batch: 166147

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.49		ug/L		85	50 - 150	2	50

Lab Sample ID: 660-71796-C-9 MS
Matrix: Water
Analysis Batch: 166147

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	10		10.0	17.9		ug/L		75	50 - 150		

Lab Sample ID: 660-71796-C-9 MSD
Matrix: Water
Analysis Batch: 166147

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10		10.0	20.3		ug/L		99	50 - 150	13	50

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-71843-1

GC/MS VOA

Analysis Batch: 166143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71843-1	AOP Feed	Total/NA	Water	8260B	
660-71843-2	AOP-A effluent	Total/NA	Water	8260B	
660-71843-2 MS	AOP-A effluent	Total/NA	Water	8260B	
660-71843-3	AOP-B effluent	Total/NA	Water	8260B	
660-71843-4	AOP-C Effluent	Total/NA	Water	8260B	
660-71843-5	PGE	Total/NA	Water	8260B	
660-71843-6	SGE	Total/NA	Water	8260B	
660-71843-7	Combined Influent	Total/NA	Water	8260B	
660-71844-E-1 DU	Duplicate	Total/NA	Water	8260B	
LCS 660-166143/13	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-166143/14	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-166143/17	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 166147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71796-C-9 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-71796-C-9 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
660-71843-1	AOP Feed	Total/NA	Water	8260C SIM	
660-71843-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-71843-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-71843-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-71843-5	PGE	Total/NA	Water	8260C SIM	
660-71843-6	SGE	Total/NA	Water	8260C SIM	
660-71843-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-166147/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166147/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166147/7	Method Blank	Total/NA	Water	8260C SIM	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-71843-1

Client Sample ID: AOP Feed
Lab Sample ID: 660-71843-1
Date Collected: 02/02/16 09:00
Matrix: Water
Date Received: 02/02/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166143	02/03/16 17:43	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166147	02/03/16 18:40	TGP	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-71843-2
Date Collected: 02/02/16 09:05
Matrix: Water
Date Received: 02/02/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166143	02/03/16 15:43	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166147	02/03/16 17:07	TGP	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-71843-3
Date Collected: 02/02/16 09:10
Matrix: Water
Date Received: 02/02/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166143	02/03/16 16:35	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166147	02/03/16 17:25	TGP	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-71843-4
Date Collected: 02/02/16 09:15
Matrix: Water
Date Received: 02/02/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166143	02/03/16 16:52	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166147	02/03/16 17:44	TGP	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-71843-5
Date Collected: 02/02/16 09:20
Matrix: Water
Date Received: 02/02/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166143	02/03/16 17:09	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166147	02/03/16 18:04	TGP	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-71843-6
Date Collected: 02/02/16 09:25
Matrix: Water
Date Received: 02/02/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166143	02/03/16 17:26	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-71843-1

Client Sample ID: SGE

Lab Sample ID: 660-71843-6

Date Collected: 02/02/16 09:25
Matrix: Water
Date Received: 02/02/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	166147	02/03/16 18:22	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-71843-7

Date Collected: 02/02/16 09:30
Matrix: Water
Date Received: 02/02/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166143	02/03/16 18:01	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166147	02/03/16 18:59	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-71843-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-71843-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 59731 60313454 03.09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Sampling	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Loc: 660 71843

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List					Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A							
AOP Feed	2/2/16	9:00	G	Water	N	N	2	2							AOP-A @ 62
AOP-A effluent	2/2/16	0905	G	Water	N	N	2	2							AOP-B @ 52
AOP-B effluent	2/2/16	0910	G	Water	N	N	2	2							AOP-C @ 48
AOP-C Effluent	2/2/16	0915	G	Water	N	N	2	2							inf @ 157 gpm
PGE	2/2/16	0920	G	Water	N	N	2	2							FIT-101 - 196,044,800
SGE	2/2/16	0925	G	Water	N	N	2	2							2103 - off
Combined Influent	2/2/16	0930	G	Water	N	N		2	2						2101 + 2102 @ 20 gpm

660-71843 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				2-1-16 1400	AECOM
Relinquished by:	Date/Time: 2-2-16 1210	Company AECOM	Received by:	Date/Time: 2-2-16 @ 1210	Company TA TPA
Relinquished by:	Date/Time: 2-2-16 @ 1330	Company TA TPA	Received by:	Date/Time: 2/2/16 1570	Company TA TPA

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: D.8/D.5 CA-05

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2/4/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-71843-1

Login Number: 71843
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-71844-1
Client Project/Site: Tallevast POTW Effluent Compliance

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
2/4/2016 12:38:15 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-71844-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-71844-1	POTW Effluent	Water	02/02/16 10:00	02/02/16 13:30

Case Narrative

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-71844-1

Job ID: 660-71844-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-71844-1

Comments
No additional comments.

Receipt
The sample was received on 2/2/2016 1:30 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.5º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-71844-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-71844-1

Client Sample ID: POTW Effluent

Lab Sample ID: 660-71844-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA
Lead	3.8	I	10	2.2	ug/L	1		6010B	Total Recoverable
Sodium	110		0.50	0.31	mg/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: POTW Effluent

Date Collected: 02/02/16 10:00
Date Received: 02/02/16 13:30

Lab Sample ID: 660-71844-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/03/16 15:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/03/16 15:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/03/16 15:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/03/16 15:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/03/16 15:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/03/16 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*02/03/16 15:09*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*02/03/16 15:09*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/03/16 15:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.1**		2.0	1.0	ug/L			02/03/16 16:49	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		02/03/16 13:45	02/04/16 08:13	1
Iron	50	U	200	50	ug/L		02/03/16 13:45	02/04/16 08:13	1
Arsenic	4.0	U	10	4.0	ug/L		02/03/16 13:45	02/04/16 08:13	1
Beryllium	0.50	U	2.0	0.50	ug/L		02/03/16 13:45	02/04/16 08:13	1
Cadmium	1.0	U	4.0	1.0	ug/L		02/03/16 13:45	02/04/16 08:13	1
Chromium	2.0	U	10	2.0	ug/L		02/03/16 13:45	02/04/16 08:13	1
Copper	2.5	U	10	2.5	ug/L		02/03/16 13:45	02/04/16 08:13	1
Lead	**3.8**	**I**	10	2.2	ug/L		02/03/16 13:45	02/04/16 08:13	1
Molybdenum	6.4	U	15	6.4	ug/L		02/03/16 13:45	02/04/16 08:13	1
Nickel	2.0	U	8.0	2.0	ug/L		02/03/16 13:45	02/04/16 08:13	1
Sodium	**110**		0.50	0.31	mg/L		02/03/16 13:45	02/04/16 08:13	1
Zinc	5.0	U	20	5.0	ug/L		02/03/16 13:45	02/04/16 08:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-166143/17
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/03/16 14:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/03/16 14:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/03/16 14:52	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/03/16 14:52	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/03/16 14:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/03/16 14:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*02/03/16 14:52*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*02/03/16 14:52*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/03/16 14:52*	*1*

Lab Sample ID: LCS 660-166143/13
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			10.0	10.9		ug/L		109	66 - 130		
1,1-Dichloroethene			10.0	9.64		ug/L		96	51 - 150		
cis-1,2-Dichloroethene			10.0	9.93		ug/L		99	66 - 130		
Tetrachloroethene			10.0	10.1		ug/L		101	50 - 143		
Trichloroethene			10.0	10.7		ug/L		107	63 - 139		
Vinyl chloride			10.0	9.39		ug/L		94	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 660-166143/14
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane			10.0	10.2		ug/L		102	66 - 130	6	30
1,1-Dichloroethene			10.0	10.1		ug/L		101	51 - 150	4	30
cis-1,2-Dichloroethene			10.0	10.0		ug/L		100	66 - 130	1	30
Tetrachloroethene			10.0	9.90		ug/L		99	50 - 143	2	30
Trichloroethene			10.0	10.4		ug/L		104	63 - 139	3	30
Vinyl chloride			10.0	10.7		ug/L		107	48 - 147	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71843-A-2 MS
Matrix: Water
Analysis Batch: 166143

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.3		10.0	14.9		ug/L		106	66 - 130
1,1-Dichloroethene	0.67	U	10.0	10.1		ug/L		101	51 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	11.2		ug/L		112	66 - 130
Tetrachloroethene	0.50	U	10.0	10.6		ug/L		106	50 - 143
Trichloroethene	0.61	U	10.0	11.5		ug/L		115	63 - 139
Vinyl chloride	0.71	U	10.0	11.6		ug/L		116	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-71844-1 DU
Matrix: Water
Analysis Batch: 166143

Client Sample ID: POTW Effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-166147/7
Matrix: Water
Analysis Batch: 166147

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/03/16 11:53	1

Lab Sample ID: LCS 660-166147/4
Matrix: Water
Analysis Batch: 166147

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.69		ug/L		87	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166147/5
Matrix: Water
Analysis Batch: 166147

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.49		ug/L		85	50 - 150	2	50

Lab Sample ID: 660-71796-C-9 MS
Matrix: Water
Analysis Batch: 166147

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10		10.0	17.9		ug/L		75	50 - 150

Lab Sample ID: 660-71796-C-9 MSD
Matrix: Water
Analysis Batch: 166147

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10		10.0	20.3		ug/L		99	50 - 150	13	50

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-166156/1-A
Matrix: Water
Analysis Batch: 166193

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 166156

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		02/03/16 13:45	02/04/16 07:22	1
Iron	50	U	200	50	ug/L		02/03/16 13:45	02/04/16 07:22	1
Arsenic	4.0	U	10	4.0	ug/L		02/03/16 13:45	02/04/16 07:22	1
Beryllium	0.50	U	2.0	0.50	ug/L		02/03/16 13:45	02/04/16 07:22	1
Cadmium	1.0	U	4.0	1.0	ug/L		02/03/16 13:45	02/04/16 07:22	1
Chromium	2.0	U	10	2.0	ug/L		02/03/16 13:45	02/04/16 07:22	1
Copper	2.5	U	10	2.5	ug/L		02/03/16 13:45	02/04/16 07:22	1
Lead	2.2	U	10	2.2	ug/L		02/03/16 13:45	02/04/16 07:22	1
Molybdenum	6.4	U	15	6.4	ug/L		02/03/16 13:45	02/04/16 07:22	1
Nickel	2.0	U	8.0	2.0	ug/L		02/03/16 13:45	02/04/16 07:22	1
Sodium	0.31	U	0.50	0.31	mg/L		02/03/16 13:45	02/04/16 07:22	1
Zinc	5.0	U	20	5.0	ug/L		02/03/16 13:45	02/04/16 07:22	1

Lab Sample ID: LCS 660-166156/2-A
Matrix: Water
Analysis Batch: 166193

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 166156

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum			1000	980		ug/L		98	80 - 120
Iron			1000	1010		ug/L		101	80 - 120
Arsenic			1000	960		ug/L		96	80 - 120
Beryllium			1000	1030		ug/L		103	80 - 120
Cadmium			1000	980		ug/L		98	80 - 120
Chromium			1000	997		ug/L		100	80 - 120
Copper			1000	1020		ug/L		102	80 - 120
Lead			1000	1030		ug/L		103	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 660-166156/2-A
Matrix: Water
Analysis Batch: 166193

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 166156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Molybdenum	1000	1020		ug/L		102	80 - 120
Nickel	1000	1000		ug/L		100	80 - 120
Sodium	10.0	9.99		mg/L		100	80 - 120
Zinc	1000	1000		ug/L		100	80 - 120

Lab Sample ID: LCSD 660-166156/3-A
Matrix: Water
Analysis Batch: 166193

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 166156

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	1000	981		ug/L		98	80 - 120	0	20
Iron	1000	1000		ug/L		100	80 - 120	0	20
Arsenic	1000	962		ug/L		96	80 - 120	0	20
Beryllium	1000	1010		ug/L		101	80 - 120	2	20
Cadmium	1000	980		ug/L		98	80 - 120	0	20
Chromium	1000	999		ug/L		100	80 - 120	0	20
Copper	1000	1010		ug/L		101	80 - 120	2	20
Lead	1000	1030		ug/L		103	80 - 120	0	20
Molybdenum	1000	1020		ug/L		102	80 - 120	0	20
Nickel	1000	996		ug/L		100	80 - 120	1	20
Sodium	10.0	9.98		mg/L		100	80 - 120	0	20
Zinc	1000	1000		ug/L		100	80 - 120	0	20

Lab Sample ID: 660-71850-C-5-B MS
Matrix: Water
Analysis Batch: 166193

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 166156

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	50	U	1000	1020		ug/L		102	80 - 120
Iron	420		1000	1390		ug/L		97	80 - 120
Arsenic	4.0	U	1000	962		ug/L		96	80 - 120
Beryllium	0.50	U	1000	1020		ug/L		102	80 - 120
Cadmium	1.0	U	1000	964		ug/L		96	80 - 120
Chromium	2.0	U	1000	966		ug/L		97	80 - 120
Copper	2.5	U	1000	1000		ug/L		100	80 - 120
Lead	2.2	U	1000	971		ug/L		97	80 - 120
Molybdenum	6.4	U	1000	996		ug/L		100	80 - 120
Nickel	2.6	I	1000	956		ug/L		95	80 - 120
Sodium	8.3		10.0	18.3		mg/L		100	80 - 120
Zinc	5.0	U	1000	979		ug/L		98	80 - 120

Lab Sample ID: 660-71850-C-5-C MSD
Matrix: Water
Analysis Batch: 166193

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 166156

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	50	U	1000	966		ug/L		97	80 - 120	6	20
Iron	420		1000	1430		ug/L		101	80 - 120	3	20
Arsenic	4.0	U	1000	980		ug/L		98	80 - 120	2	20

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-71844-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 660-71850-C-5-C MSD
Matrix: Water
Analysis Batch: 166193

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 166156

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Beryllium	0.50	U	1000	1040		ug/L		104	80 - 120	2	20
Cadmium	1.0	U	1000	980		ug/L		98	80 - 120	2	20
Chromium	2.0	U	1000	983		ug/L		98	80 - 120	2	20
Copper	2.5	U	1000	1020		ug/L		102	80 - 120	2	20
Lead	2.2	U	1000	992		ug/L		99	80 - 120	2	20
Molybdenum	6.4	U	1000	1010		ug/L		101	80 - 120	2	20
Nickel	2.6	I	1000	968		ug/L		96	80 - 120	1	20
Sodium	8.3		10.0	17.5		mg/L		92	80 - 120	4	20
Zinc	5.0	U	1000	997		ug/L		100	80 - 120	2	20

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-71844-1

GC/MS VOA

Analysis Batch: 166143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71843-A-2 MS	Matrix Spike	Total/NA	Water	8260B	
660-71844-1	POTW Effluent	Total/NA	Water	8260B	
660-71844-1 DU	POTW Effluent	Total/NA	Water	8260B	
LCS 660-166143/13	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-166143/14	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-166143/17	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 166147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71796-C-9 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-71796-C-9 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
660-71844-1	POTW Effluent	Total/NA	Water	8260C SIM	
LCS 660-166147/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166147/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166147/7	Method Blank	Total/NA	Water	8260C SIM	

Metals

Prep Batch: 166156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71844-1	POTW Effluent	Total Recoverable	Water	3005A	
660-71850-C-5-B MS	Matrix Spike	Total Recoverable	Water	3005A	
660-71850-C-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
LCS 660-166156/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 660-166156/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 660-166156/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 166193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71844-1	POTW Effluent	Total Recoverable	Water	6010B	166156
660-71850-C-5-B MS	Matrix Spike	Total Recoverable	Water	6010B	166156
660-71850-C-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010B	166156
LCS 660-166156/2-A	Lab Control Sample	Total Recoverable	Water	6010B	166156
LCSD 660-166156/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	166156
MB 660-166156/1-A	Method Blank	Total Recoverable	Water	6010B	166156

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-71844-1

Client Sample ID: POTW Effluent

Date Collected: 02/02/16 10:00
Date Received: 02/02/16 13:30

Lab Sample ID: 660-71844-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166143	02/03/16 15:09	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166147	02/03/16 16:49	TGP	TAL TAM
Total Recoverable	Prep	3005A			166156	02/03/16 13:45	ASD	TAL TAM
Total Recoverable	Analysis	6010B		1	166193	02/04/16 08:13	GAF	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-71844-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
6010B	Metals (ICP)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-71844-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information

Client Contact: Darrin Johnson	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Company: AECOM	Phone: 941-929-8747	E-Mail: mark.gudnason@testamerica.com		Page: Page 1 of 1
Address: 1600 Tallevast Rd	Due Date Requested:			Job #:
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #:59731 60313454 03.09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: POTW Effluent Compliance	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	6010B metals	Total Number of Containers	Special Instructions/Note:
			Preservation Code:				A	A			
POTW Effluent	2/2/16	10:00	G/C	Water	N	N	2	2	1		The 6010B 12 metals are: Al, As, Be, Cd, Cr, Cu, Ni, Pb, Zn, Na, Mo, Fe
											temp – 95°F
											ph – 5.94 su

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

660-71844 Chain of Custody

Loc: 660
71844

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2-1-16 1400	Company AECOM
Relinquished by:	Date/Time: 2-2-16 1210	Company AECOM	Received by:	Date/Time: 2-2-16 @ 1210	Company TA TPA
Relinquished by:	Date/Time: 2-2-16 @ 1330	Company TA TPA	Received by:	Date/Time: 2/2/16 1330	Company TA TPA
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	0.8 / 0.5	@ 09

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-71844-1

Login Number: 71844
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-72097-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
2/18/2016 2:37:18 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72097-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-72097-1	AOP Feed	Water	02/16/16 09:00	02/16/16 15:05
660-72097-2	AOP-A effluent	Water	02/16/16 09:05	02/16/16 15:05
660-72097-3	AOP-B effluent	Water	02/16/16 09:10	02/16/16 15:05
660-72097-4	AOP-C Effluent	Water	02/16/16 09:15	02/16/16 15:05
660-72097-5	PGE	Water	02/16/16 09:20	02/16/16 15:05
660-72097-6	SGE	Water	02/16/16 09:25	02/16/16 15:05
660-72097-7	Combined Influent	Water	02/16/16 09:30	02/16/16 15:05

Job ID: 660-72097-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-72097-1

Comments
No additional comments.

Receipt
The samples were received on 2/16/2016 3:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) for batch 166476 recovered outside control limits for the following analytes: 1,2 DBCP. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch <166476> recovered outside control limits for the following analyte: dichlorodifluoromethane.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72097-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
L	Off-scale high. Actual value is known to be greater than the value given.
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72097-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-72097-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.1		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.5		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	48		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-72097-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-72097-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-72097-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.6		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.64	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	0.79	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-72097-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-72097-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-72097-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	7.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	24		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	16		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	5.2		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	50		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-72097-1
Date Collected: 02/16/16 09:00
Matrix: Water
Date Received: 02/16/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.7		1.0	0.52	ug/L			02/18/16 13:03	1
1,1-Dichloroethene	10		1.0	0.67	ug/L			02/18/16 13:03	1
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L			02/18/16 13:03	1
Tetrachloroethene	4.1		1.0	0.50	ug/L			02/18/16 13:03	1
Trichloroethene	11		1.0	0.61	ug/L			02/18/16 13:03	1
Vinyl chloride	2.5		1.0	0.71	ug/L			02/18/16 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*02/18/16 13:03*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*02/18/16 13:03*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*02/18/16 13:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	48		2.0	1.0	ug/L			02/17/16 18:43	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-72097-2
Date Collected: 02/16/16 09:05
Matrix: Water
Date Received: 02/16/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.6		1.0	0.52	ug/L			02/18/16 11:12	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/18/16 11:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/18/16 11:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/18/16 11:12	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/18/16 11:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/18/16 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*02/18/16 11:12*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*02/18/16 11:12*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/18/16 11:12*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.9		2.0	1.0	ug/L			02/17/16 17:11	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-72097-3
Date Collected: 02/16/16 09:10
Matrix: Water
Date Received: 02/16/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.3		1.0	0.52	ug/L			02/18/16 11:30	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/18/16 11:30	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/18/16 11:30	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/18/16 11:30	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/18/16 11:30	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/18/16 11:30	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-72097-3
Matrix: Water
Date Collected: 02/16/16 09:10
Date Received: 02/16/16 15:05

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*02/18/16 11:30*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*02/18/16 11:30*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*02/18/16 11:30*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.7**		2.0	1.0	ug/L			02/17/16 17:29	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-72097-4
Matrix: Water
Date Collected: 02/16/16 09:15
Date Received: 02/16/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.6**		1.0	0.52	ug/L			02/18/16 12:07	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/18/16 12:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/18/16 12:07	1
Tetrachloroethene	**0.64**	**I**	1.0	0.50	ug/L			02/18/16 12:07	1
Trichloroethene	**0.79**	**I**	1.0	0.61	ug/L			02/18/16 12:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/18/16 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*02/18/16 12:07*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*02/18/16 12:07*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/18/16 12:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.9**		2.0	1.0	ug/L			02/17/16 17:47	1

Client Sample ID: PGE

Lab Sample ID: 660-72097-5
Matrix: Water
Date Collected: 02/16/16 09:20
Date Received: 02/16/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			02/18/16 12:26	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/18/16 12:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/18/16 12:26	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/18/16 12:26	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/18/16 12:26	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/18/16 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*02/18/16 12:26*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*02/18/16 12:26*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/18/16 12:26*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.5**		2.0	1.0	ug/L			02/17/16 18:06	1

Client Sample ID: SGE

Lab Sample ID: 660-72097-6

Date Collected: 02/16/16 09:25
Matrix: Water
Date Received: 02/16/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/18/16 12:44	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/18/16 12:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/18/16 12:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/18/16 12:44	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/18/16 12:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/18/16 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*70 - 130*		*02/18/16 12:44*	*1*
Dibromofluoromethane	*92*		*70 - 130*		*02/18/16 12:44*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/18/16 12:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.3**		2.0	1.0	ug/L			02/17/16 18:24	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-72097-7

Date Collected: 02/16/16 09:30
Matrix: Water
Date Received: 02/16/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/18/16 13:21	1
Benzene	0.50	U	1.0	0.50	ug/L			02/18/16 13:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/18/16 13:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/18/16 13:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/18/16 13:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/18/16 13:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/18/16 13:21	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/18/16 13:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/18/16 13:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/18/16 13:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/18/16 13:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/18/16 13:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/18/16 13:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/18/16 13:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/18/16 13:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/18/16 13:21	1
cis-1,2-Dichloroethene	**18**		1.0	0.65	ug/L			02/18/16 13:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/18/16 13:21	1
1,2-Dibromo-3-Chloropropane	2.5	U J3	5.0	2.5	ug/L			02/18/16 13:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/18/16 13:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/18/16 13:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/18/16 13:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/18/16 13:21	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/18/16 13:21	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			02/18/16 13:21	1
1,1-Dichloroethane	**7.6**		1.0	0.52	ug/L			02/18/16 13:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/18/16 13:21	1
1,1-Dichloroethene	**24**		1.0	0.67	ug/L			02/18/16 13:21	1

Client Sample ID: Combined Influent
Date Collected: 02/16/16 09:30
Date Received: 02/16/16 15:05

Lab Sample ID: 660-72097-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/18/16 13:21	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/18/16 13:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/18/16 13:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/18/16 13:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/18/16 13:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/18/16 13:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/18/16 13:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/18/16 13:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/18/16 13:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/18/16 13:21	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/18/16 13:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/18/16 13:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/18/16 13:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/18/16 13:21	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/18/16 13:21	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/18/16 13:21	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/18/16 13:21	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/18/16 13:21	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/18/16 13:21	1
Styrene	0.98	U	2.0	0.98	ug/L			02/18/16 13:21	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/18/16 13:21	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/18/16 13:21	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/18/16 13:21	1
Tetrachloroethene	**6.9**		1.0	0.50	ug/L			02/18/16 13:21	1
Toluene	0.51	U	1.0	0.51	ug/L			02/18/16 13:21	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/18/16 13:21	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/18/16 13:21	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/18/16 13:21	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/18/16 13:21	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/18/16 13:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/18/16 13:21	1
Trichloroethene	**16**		1.0	0.61	ug/L			02/18/16 13:21	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/18/16 13:21	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/18/16 13:21	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/18/16 13:21	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/18/16 13:21	1
Vinyl chloride	**5.2**		1.0	0.71	ug/L			02/18/16 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*115*		*70 - 130*		*02/18/16 13:21*	*1*
Dibromofluoromethane	*86*		*70 - 130*		*02/18/16 13:21*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/18/16 13:21*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**50**		2.0	1.0	ug/L			02/17/16 19:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-166476/7
Matrix: Water
Analysis Batch: 166476

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/18/16 10:41	1
Benzene	0.50	U	1.0	0.50	ug/L			02/18/16 10:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/18/16 10:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/18/16 10:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/18/16 10:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/18/16 10:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/18/16 10:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/18/16 10:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/18/16 10:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/18/16 10:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/18/16 10:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/18/16 10:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/18/16 10:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/18/16 10:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/18/16 10:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/18/16 10:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/18/16 10:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/18/16 10:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/18/16 10:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/18/16 10:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/18/16 10:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/18/16 10:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/18/16 10:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/18/16 10:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/18/16 10:41	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/18/16 10:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/18/16 10:41	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/18/16 10:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/18/16 10:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/18/16 10:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/18/16 10:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/18/16 10:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/18/16 10:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/18/16 10:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/18/16 10:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/18/16 10:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/18/16 10:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/18/16 10:41	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/18/16 10:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/18/16 10:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/18/16 10:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/18/16 10:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/18/16 10:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/18/16 10:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/18/16 10:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/18/16 10:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/18/16 10:41	1
Styrene	0.98	U	2.0	0.98	ug/L			02/18/16 10:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166476/7
Matrix: Water
Analysis Batch: 166476

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/18/16 10:41	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/18/16 10:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/18/16 10:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/18/16 10:41	1
Toluene	0.51	U	1.0	0.51	ug/L			02/18/16 10:41	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/18/16 10:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/18/16 10:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/18/16 10:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/18/16 10:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/18/16 10:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/18/16 10:41	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/18/16 10:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/18/16 10:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/18/16 10:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/18/16 10:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/18/16 10:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/18/16 10:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*02/18/16 10:41*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*02/18/16 10:41*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*02/18/16 10:41*	*1*

Lab Sample ID: LCS 660-166476/4
Matrix: Water
Analysis Batch: 166476

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	88.6		ug/L		89	62 - 142
Benzene	10.0	10.5		ug/L		105	68 - 134
Bromobenzene	10.0	9.59		ug/L		96	70 - 130
Bromoform	10.0	10.5		ug/L		105	65 - 130
Bromomethane	10.0	11.3		ug/L		113	22 - 150
2-Butanone (MEK)	100	84.1		ug/L		84	63 - 140
Carbon disulfide	10.0	10.7		ug/L		107	30 - 150
Carbon tetrachloride	10.0	11.6		ug/L		116	61 - 134
Chlorobenzene	10.0	11.3		ug/L		113	70 - 130
Chlorobromomethane	10.0	10.0		ug/L		100	70 - 130
Chlorodibromomethane	10.0	8.29		ug/L		83	70 - 130
Chloroethane	10.0	14.0		ug/L		140	39 - 150
Chloroform	10.0	9.14		ug/L		91	68 - 130
Chloromethane	10.0	9.40		ug/L		94	35 - 150
2-Chlorotoluene	10.0	12.2		ug/L		122	70 - 130
4-Chlorotoluene	10.0	11.5		ug/L		115	70 - 130
cis-1,2-Dichloroethene	10.0	10.6		ug/L		106	66 - 130
cis-1,3-Dichloropropene	10.0	10.4		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	14.7	J3	ug/L		147	63 - 130
Dibromomethane	10.0	9.55		ug/L		95	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166476/4
Matrix: Water
Analysis Batch: 166476

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	11.3		ug/L		113	70 - 130
1,3-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130
1,4-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
Dichlorobromomethane	10.0	10.8		ug/L		108	70 - 130
Dichlorodifluoromethane	10.0	11.5		ug/L		115	16 - 149
1,1-Dichloroethane	10.0	10.3		ug/L		103	66 - 130
1,2-Dichloroethane	10.0	10.2		ug/L		102	70 - 130
1,1-Dichloroethene	10.0	10.5		ug/L		105	51 - 150
1,2-Dichloropropane	10.0	9.72		ug/L		97	70 - 130
1,3-Dichloropropane	10.0	11.3		ug/L		113	70 - 130
2,2-Dichloropropane	10.0	10.6		ug/L		106	66 - 134
1,1-Dichloropropene	10.0	10.3		ug/L		103	65 - 136
Ethylbenzene	10.0	10.2		ug/L		102	70 - 130
Ethylene Dibromide	10.0	10.6		ug/L		106	66 - 130
Hexachlorobutadiene	10.0	10.8		ug/L		108	62 - 143
2-Hexanone	100	102		ug/L		102	60 - 148
Isopropylbenzene	10.0	11.7		ug/L		117	62 - 130
4-Isopropyltoluene	10.0	8.35		ug/L		83	65 - 134
Methylene Chloride	10.0	10.3		ug/L		103	57 - 130
4-Methyl-2-pentanone (MIBK)	100	92.3		ug/L		92	64 - 137
Methyl tert-butyl ether	10.0	9.72		ug/L		97	67 - 130
Naphthalene	10.0	11.8		ug/L		118	50 - 136
n-Butylbenzene	10.0	10.3		ug/L		103	61 - 131
N-Propylbenzene	10.0	11.5		ug/L		115	67 - 130
o-Xylene	10.0	9.98		ug/L		100	69 - 130
sec-Butylbenzene	10.0	9.53		ug/L		95	68 - 133
Styrene	10.0	10.1		ug/L		101	68 - 131
tert-Butylbenzene	10.0	11.4		ug/L		114	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.89		ug/L		89	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.5		ug/L		115	70 - 130
Tetrachloroethene	10.0	10.7		ug/L		107	50 - 143
Toluene	10.0	11.4		ug/L		114	70 - 131
trans-1,2-Dichloroethene	10.0	11.7		ug/L		117	62 - 139
trans-1,3-Dichloropropene	10.0	11.0		ug/L		110	67 - 130
1,2,3-Trichlorobenzene	10.0	12.7		ug/L		127	58 - 132
1,2,4-Trichlorobenzene	10.0	11.2		ug/L		112	66 - 130
1,1,1-Trichloroethane	10.0	8.80		ug/L		88	63 - 132
1,1,2-Trichloroethane	10.0	10.9		ug/L		109	70 - 130
Trichloroethene	10.0	10.1		ug/L		101	63 - 139
Trichlorofluoromethane	10.0	8.55		ug/L		85	62 - 146
1,2,3-Trichloropropane	10.0	11.6		ug/L		116	66 - 130
1,2,4-Trimethylbenzene	10.0	8.59		ug/L		86	70 - 132
1,3,5-Trimethylbenzene	10.0	9.58		ug/L		96	65 - 134
Vinyl chloride	10.0	10.3		ug/L		103	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*92*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166476/4
Matrix: Water
Analysis Batch: 166476

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 660-166476/5
Matrix: Water
Analysis Batch: 166476

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	89.5		ug/L		89	62 - 142	1	30
Benzene			10.0	9.51		ug/L		95	68 - 134	10	30
Bromobenzene			10.0	9.46		ug/L		95	70 - 130	1	30
Bromoform			10.0	10.2		ug/L		102	65 - 130	3	30
Bromomethane			10.0	11.7		ug/L		117	22 - 150	4	30
2-Butanone (MEK)			100	79.6		ug/L		80	63 - 140	6	30
Carbon disulfide			10.0	9.42		ug/L		94	30 - 150	13	30
Carbon tetrachloride			10.0	8.98		ug/L		90	61 - 134	26	30
Chlorobenzene			10.0	10.2		ug/L		102	70 - 130	10	30
Chlorobromomethane			10.0	9.69		ug/L		97	70 - 130	3	30
Chlorodibromomethane			10.0	8.47		ug/L		85	70 - 130	2	30
Chloroethane			10.0	12.2		ug/L		122	39 - 150	13	30
Chloroform			10.0	8.41		ug/L		84	68 - 130	8	30
Chloromethane			10.0	10.4		ug/L		104	35 - 150	10	30
2-Chlorotoluene			10.0	10.8		ug/L		108	70 - 130	12	30
4-Chlorotoluene			10.0	10.1		ug/L		101	70 - 130	12	30
cis-1,2-Dichloroethene			10.0	9.01		ug/L		90	66 - 130	16	30
cis-1,3-Dichloropropene			10.0	10.0		ug/L		100	70 - 130	4	30
1,2-Dibromo-3-Chloropropane			10.0	11.9		ug/L		119	63 - 130	22	30
Dibromomethane			10.0	8.57		ug/L		86	70 - 130	11	30
1,2-Dichlorobenzene			10.0	10.8		ug/L		108	70 - 130	5	30
1,3-Dichlorobenzene			10.0	10.1		ug/L		101	70 - 130	4	30
1,4-Dichlorobenzene			10.0	10.4		ug/L		104	70 - 130	0	30
Dichlorobromomethane			10.0	10.1		ug/L		101	70 - 130	7	30
Dichlorodifluoromethane			10.0	7.55	J3	ug/L		76	16 - 149	41	30
1,1-Dichloroethane			10.0	9.33		ug/L		93	66 - 130	10	30
1,2-Dichloroethane			10.0	9.22		ug/L		92	70 - 130	11	30
1,1-Dichloroethene			10.0	9.22		ug/L		92	51 - 150	13	30
1,2-Dichloropropane			10.0	9.70		ug/L		97	70 - 130	0	30
1,3-Dichloropropane			10.0	10.7		ug/L		107	70 - 130	5	30
2,2-Dichloropropane			10.0	9.82		ug/L		98	66 - 134	7	30
1,1-Dichloropropene			10.0	9.08		ug/L		91	65 - 136	13	30
Ethylbenzene			10.0	8.89		ug/L		89	70 - 130	13	30
Ethylene Dibromide			10.0	9.93		ug/L		99	66 - 130	6	30
Hexachlorobutadiene			10.0	11.5		ug/L		115	62 - 143	6	30
2-Hexanone			100	98.2		ug/L		98	60 - 148	4	30
Isopropylbenzene			10.0	10.1		ug/L		101	62 - 130	14	30
4-Isopropyltoluene			10.0	7.77		ug/L		78	65 - 134	7	30
Methylene Chloride			10.0	9.12		ug/L		91	57 - 130	12	30
4-Methyl-2-pentanone (MIBK)			100	90.1		ug/L		90	64 - 137	2	30
Methyl tert-butyl ether			10.0	9.57		ug/L		96	67 - 130	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166476/5
Matrix: Water
Analysis Batch: 166476

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	11.7		ug/L		117	50 - 136	1	30
n-Butylbenzene			10.0	10.2		ug/L		102	61 - 131	0	30
N-Propylbenzene			10.0	10.9		ug/L		109	67 - 130	5	30
o-Xylene			10.0	9.24		ug/L		92	69 - 130	8	30
sec-Butylbenzene			10.0	9.31		ug/L		93	68 - 133	2	30
Styrene			10.0	8.91		ug/L		89	68 - 131	12	30
tert-Butylbenzene			10.0	11.0		ug/L		110	64 - 130	4	30
1,1,1,2-Tetrachloroethane			10.0	8.46		ug/L		85	70 - 130	5	30
1,1,2,2-Tetrachloroethane			10.0	11.8		ug/L		118	70 - 130	3	30
Tetrachloroethene			10.0	10.5		ug/L		105	50 - 143	2	30
Toluene			10.0	10.2		ug/L		102	70 - 131	11	30
trans-1,2-Dichloroethene			10.0	9.63		ug/L		96	62 - 139	19	30
trans-1,3-Dichloropropene			10.0	9.47		ug/L		95	67 - 130	15	30
1,2,3-Trichlorobenzene			10.0	11.0		ug/L		110	58 - 132	15	30
1,2,4-Trichlorobenzene			10.0	10.6		ug/L		106	66 - 130	5	30
1,1,1-Trichloroethane			10.0	8.62		ug/L		86	63 - 132	2	30
1,1,2-Trichloroethane			10.0	9.41		ug/L		94	70 - 130	15	30
Trichloroethene			10.0	9.25		ug/L		92	63 - 139	9	30
Trichlorofluoromethane			10.0	7.97		ug/L		80	62 - 146	7	30
1,2,3-Trichloropropane			10.0	10.9		ug/L		109	66 - 130	6	30
1,2,4-Trimethylbenzene			10.0	8.13		ug/L		81	70 - 132	6	30
1,3,5-Trimethylbenzene			10.0	8.63		ug/L		86	65 - 134	10	30
Vinyl chloride			10.0	10.7		ug/L		107	48 - 147	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*87*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-72097-3 MS
Matrix: Water
Analysis Batch: 166476

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	17	I	100	89.8		ug/L		72	62 - 142
Benzene	0.50	U	10.0	10.6		ug/L		106	68 - 134
Bromobenzene	0.58	U	10.0	9.25		ug/L		93	70 - 130
Bromoform	0.63	U	10.0	8.21		ug/L		82	65 - 130
Bromomethane	2.5	U	10.0	11.9		ug/L		119	22 - 150
2-Butanone (MEK)	8.4	U J3	100	61.5	J3	ug/L		62	63 - 140
Carbon disulfide	1.0	U	10.0	8.91		ug/L		89	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.60		ug/L		96	61 - 134
Chlorobenzene	0.63	U	10.0	9.64		ug/L		96	70 - 130
Chlorobromomethane	0.58	U	10.0	9.11		ug/L		91	70 - 130
Chlorodibromomethane	0.31	U	10.0	8.30		ug/L		83	70 - 130
Chloroethane	2.5	U	10.0	11.6		ug/L		116	39 - 150
Chloroform	0.90	U	10.0	9.18		ug/L		92	68 - 130
Chloromethane	1.0	U	10.0	12.5		ug/L		125	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72097-3 MS
Matrix: Water
Analysis Batch: 166476

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	10.8		ug/L		108	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.82		ug/L		98	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.78		ug/L		98	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.89		ug/L		99	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U J3	10.0	6.42		ug/L		64	63 - 130
Dibromomethane	0.46	U	10.0	8.62		ug/L		86	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.85		ug/L		98	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.54		ug/L		95	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.27		ug/L		93	70 - 130
Dichlorobromomethane	0.44	U	10.0	9.84		ug/L		98	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	10.4		ug/L		104	16 - 149
1,1-Dichloroethane	4.3		10.0	12.8		ug/L		85	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.94		ug/L		99	70 - 130
1,1-Dichloroethene	0.67	U	10.0	9.39		ug/L		94	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.14		ug/L		91	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.2		ug/L		102	70 - 130
2,2-Dichloropropane	0.36	U	10.0	8.87		ug/L		89	66 - 134
1,1-Dichloropropene	0.65	U	10.0	10.3		ug/L		103	65 - 136
Ethylbenzene	0.44	U	10.0	8.93		ug/L		89	70 - 130
Ethylene Dibromide	0.50	U	10.0	9.95		ug/L		99	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.6		ug/L		106	62 - 143
2-Hexanone	4.4	U	100	77.7		ug/L		78	60 - 148
Isopropylbenzene	0.52	U	10.0	10.3		ug/L		103	62 - 130
4-Isopropyltoluene	0.69	U	10.0	7.66		ug/L		77	65 - 134
Methylene Chloride	4.0	U	10.0	8.34		ug/L		83	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	88.1		ug/L		88	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	8.85		ug/L		89	67 - 130
Naphthalene	2.5	U	10.0	9.54		ug/L		95	50 - 136
n-Butylbenzene	0.67	U	10.0	10.3		ug/L		103	61 - 131
N-Propylbenzene	0.59	U	10.0	10.4		ug/L		104	67 - 130
o-Xylene	0.50	U	10.0	9.34		ug/L		93	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.74		ug/L		87	68 - 133
Styrene	0.98	U	10.0	8.50		ug/L		85	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.1		ug/L		101	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.11		ug/L		81	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.31		ug/L		93	70 - 130
Tetrachloroethene	0.50	U	10.0	12.0		ug/L		120	50 - 143
Toluene	0.51	U	10.0	10.2		ug/L		102	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.2		ug/L		102	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.31		ug/L		93	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.19		ug/L		92	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.51		ug/L		95	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	8.46		ug/L		85	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.97		ug/L		100	70 - 130
Trichloroethene	0.61	U	10.0	10.2		ug/L		102	63 - 139
Trichlorofluoromethane	2.5	U	10.0	8.59		ug/L		86	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	8.73		ug/L		87	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	7.58		ug/L		76	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72097-3 MS
Matrix: Water
Analysis Batch: 166476

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	7.82		ug/L		78	65 - 134
Vinyl chloride	0.71	U	10.0	11.8		ug/L		118	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*92*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-72097-2 DU
Matrix: Water
Analysis Batch: 166476

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	19	I	18.5	I	ug/L		4	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U J3	2.5	U J3	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U J3	2.5	U J3	ug/L		NC	30
1,1-Dichloroethane	4.6		3.92		ug/L		16	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72097-2 DU
Matrix: Water
Analysis Batch: 166476

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*109*		*70 - 130*
Dibromofluoromethane	*96*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-166459/7
Matrix: Water
Analysis Batch: 166459

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/17/16 12:14	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166459/4
Matrix: Water
Analysis Batch: 166459

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	8.76		ug/L		88	50 - 150		

Lab Sample ID: LCSD 660-166459/5
Matrix: Water
Analysis Batch: 166459

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	9.21		ug/L		92	50 - 150	5	50

Lab Sample ID: 660-72018-E-15 MS
Matrix: Water
Analysis Batch: 166459

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	450	L J3	10.0	480	L J3	ug/L		324	50 - 150		

Lab Sample ID: 660-72018-E-15 MSD
Matrix: Water
Analysis Batch: 166459

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	450	L J3	10.0	456	L	ug/L		83	50 - 150	5	50

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72097-1

GC/MS VOA

Analysis Batch: 166459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72018-E-15 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-72018-E-15 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
660-72097-1	AOP Feed	Total/NA	Water	8260C SIM	
660-72097-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-72097-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-72097-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-72097-5	PGE	Total/NA	Water	8260C SIM	
660-72097-6	SGE	Total/NA	Water	8260C SIM	
660-72097-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-166459/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166459/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166459/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 166476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72097-1	AOP Feed	Total/NA	Water	8260B	
660-72097-2	AOP-A effluent	Total/NA	Water	8260B	
660-72097-2 DU	AOP-A effluent	Total/NA	Water	8260B	
660-72097-3	AOP-B effluent	Total/NA	Water	8260B	
660-72097-3 MS	AOP-B effluent	Total/NA	Water	8260B	
660-72097-4	AOP-C Effluent	Total/NA	Water	8260B	
660-72097-5	PGE	Total/NA	Water	8260B	
660-72097-6	SGE	Total/NA	Water	8260B	
660-72097-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-166476/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-166476/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-166476/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72097-1

Client Sample ID: AOP Feed
Lab Sample ID: 660-72097-1
Date Collected: 02/16/16 09:00
Matrix: Water
Date Received: 02/16/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166476	02/18/16 13:03	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166459	02/17/16 18:43	TGP	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-72097-2
Date Collected: 02/16/16 09:05
Matrix: Water
Date Received: 02/16/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166476	02/18/16 11:12	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166459	02/17/16 17:11	TGP	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-72097-3
Date Collected: 02/16/16 09:10
Matrix: Water
Date Received: 02/16/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166476	02/18/16 11:30	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166459	02/17/16 17:29	TGP	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-72097-4
Date Collected: 02/16/16 09:15
Matrix: Water
Date Received: 02/16/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166476	02/18/16 12:07	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166459	02/17/16 17:47	TGP	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-72097-5
Date Collected: 02/16/16 09:20
Matrix: Water
Date Received: 02/16/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166476	02/18/16 12:26	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166459	02/17/16 18:06	TGP	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-72097-6
Date Collected: 02/16/16 09:25
Matrix: Water
Date Received: 02/16/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166476	02/18/16 12:44	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72097-1

Client Sample ID: SGE

Lab Sample ID: 660-72097-6

Date Collected: 02/16/16 09:25
Matrix: Water
Date Received: 02/16/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	166459	02/17/16 18:24	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-72097-7

Date Collected: 02/16/16 09:30
Matrix: Water
Date Received: 02/16/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166476	02/18/16 13:21	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166459	02/17/16 19:01	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72097-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72097-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Sarasota	TAT Requested (days): 48 hour turn		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243			
Phone: 941-929-8747	PO #: 59731 60313454 03.09.01		
Email: Darrin.Johnson@aecom.com	WO #:		Other:
Project Name: Process Sampling	Project #:		
Site: Tallevast	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List				Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A						
AOP Feed	2/16/16	9:00	G	Water	N	N	2	2						Fmf - 155-160 gpm
AOP-A effluent	2/16/16	0905	G	Water	N	N	2	2						AOP-A - 62
AOP-B effluent	2/16/16	0910	G	Water	N	N	2	2						AOP-B - 50
AOP-C Effluent	2/16/16	0915	G	Water	N	N	2	2						AOP-C - 44
PGE	2/16/16	0920	G	Water	N	N	2	2						2103 off
SGE	2/16/16	0925	G	Water	N	N	2	2						GC trenches @ 20gpm each
Combined Influent	2/16/16	0930	G	Water	N	N		2	2					

Loc: 660
72097

660-72097 Chain of Custody

Possible Hazard Identification
☐ X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 2-18-16 1400	Company AECOM
Relinquished by:	Date/Time: 2-16-15 1245	Company AECOM	Received by:	Date/Time: 2-16-16 1245	Company TA TPA
Relinquished by:	Date/Time: 2-16-15 @ 1505	Company TA TPA	Received by:	Date/Time: 2/16/15 1505	Company TA TPA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 660-72097 | Cooler Temperature(s) °C and Other Remarks: 0.8/1.2 CW-09

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2/18/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-72097-1

Login Number: 72097
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-72177-1
Client Project/Site: Tallevast Extraction Wells

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
3/3/2016 4:35:35 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-72177-1	EW-2001_INF	Water	02/18/16 08:12	02/19/16 13:50
660-72177-2	EW-2002_INF	Water	02/18/16 08:19	02/19/16 13:50
660-72177-3	EW-2003_INF	Water	02/18/16 08:32	02/19/16 13:50
660-72177-4	EW-2004_INF	Water	02/18/16 08:38	02/19/16 13:50
660-72177-5	EW-2005_INF	Water	02/18/16 08:47	02/19/16 13:50
660-72177-6	EW-2006_INF	Water	02/18/16 08:55	02/19/16 13:50
660-72177-7	EW-2007_INF	Water	02/18/16 09:04	02/19/16 13:50
660-72177-8	EW-2008_INF	Water	02/17/16 14:43	02/19/16 13:50
660-72177-9	EW-2009_INF	Water	02/17/16 14:39	02/19/16 13:50
660-72177-10	EW-2010_INF	Water	02/17/16 14:29	02/19/16 13:50
660-72177-11	EW-2011_INF	Water	02/17/16 14:25	02/19/16 13:50
660-72177-12	EW-2012_INF	Water	02/18/16 09:59	02/19/16 13:50
660-72177-13	EW-2013_INF	Water	02/18/16 09:52	02/19/16 13:50
660-72177-14	EW-2014_INF	Water	02/18/16 10:12	02/19/16 13:50
660-72177-15	EW-2015_INF	Water	02/17/16 13:52	02/19/16 13:50
660-72177-16	EW-2016_INF	Water	02/19/16 08:22	02/19/16 13:50
660-72177-17	EW-2017_INF	Water	02/19/16 08:10	02/19/16 13:50
660-72177-18	EW-2018_INF	Water	02/19/16 08:25	02/19/16 13:50
660-72177-19	EW-2019_INF	Water	02/19/16 08:40	02/19/16 13:50
660-72177-20	EW-2020_INF	Water	02/19/16 08:42	02/19/16 13:50
660-72177-21	EW-2021_INF	Water	02/19/16 08:41	02/19/16 13:50
660-72177-22	EW-2022_INF	Water	02/19/16 08:29	02/19/16 13:50
660-72177-23	EW-2023_INF	Water	02/19/16 08:31	02/19/16 13:50
660-72177-24	EW-2024_INF	Water	02/19/16 08:43	02/19/16 13:50
660-72177-25	EW-2025_INF	Water	02/19/16 08:35	02/19/16 13:50
660-72177-26	EW-2026_INF	Water	02/19/16 07:46	02/19/16 13:50
660-72177-27	EW-2027_INF	Water	02/19/16 07:39	02/19/16 13:50
660-72177-28	EW-2028_INF	Water	02/19/16 07:44	02/19/16 13:50
660-72177-29	EW-2029_INF	Water	02/19/16 07:56	02/19/16 13:50
660-72177-30	EW-2030_INF	Water	02/19/16 07:36	02/19/16 13:50
660-72177-31	EW-2031_INF	Water	02/19/16 07:33	02/19/16 13:50
660-72177-32	EW-2032_INF	Water	02/19/16 07:54	02/19/16 13:50
660-72177-33	EW-2033_INF	Water	02/19/16 07:50	02/19/16 13:50
660-72177-34	EW-2034_INF	Water	02/17/16 13:41	02/19/16 13:50
660-72177-35	EW-2035_INF	Water	02/18/16 11:05	02/19/16 13:50
660-72177-36	EW-2036_INF	Water	02/18/16 13:10	02/19/16 13:50
660-72177-37	EW-2037_INF	Water	02/18/16 14:02	02/19/16 13:50
660-72177-38	EW-3001_INF	Water	02/17/16 14:15	02/19/16 13:50
660-72177-39	EW-3002_INF	Water	02/17/16 14:05	02/19/16 13:50
660-72177-40	EW-3003_INF	Water	02/17/16 13:59	02/19/16 13:50
660-72177-41	EW-3004_INF	Water	02/19/16 09:05	02/19/16 13:50
660-72177-42	EW-3005_INF	Water	02/19/16 08:39	02/19/16 13:50
660-72177-43	EW-3006_INF	Water	02/19/16 09:16	02/19/16 13:50
660-72177-44	EW-3007_INF	Water	02/19/16 08:37	02/19/16 13:50
660-72177-45	EW-3008_INF	Water	02/19/16 08:27	02/19/16 13:50
660-72177-46	EW-3009_INF	Water	02/19/16 07:42	02/19/16 13:50
660-72177-47	EW-3010_INF	Water	02/19/16 07:58	02/19/16 13:50
660-72177-48	EW-3011_INF	Water	02/17/16 13:36	02/19/16 13:50
660-72177-49	EW-3012_INF	Water	02/18/16 07:09	02/19/16 13:50
660-72177-50	EW-3013_INF	Water	02/18/16 07:15	02/19/16 13:50
660-72177-51	EW-3014_INF	Water	02/18/16 07:19	02/19/16 13:50
660-72177-52	EW-3015_INF	Water	02/18/16 07:22	02/19/16 13:50
660-72177-53	EW-3016_INF	Water	02/18/16 07:28	02/19/16 13:50

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-72177-54	EW-3017_INF	Water	02/18/16 07:36	02/19/16 13:50
660-72177-55	EW-3018_INF	Water	02/18/16 07:40	02/19/16 13:50
660-72177-56	EW-3019_INF	Water	02/18/16 07:43	02/19/16 13:50
660-72177-57	EW-3020_INF	Water	02/18/16 08:28	02/19/16 13:50
660-72177-58	EW-3021_INF	Water	02/18/16 10:50	02/19/16 13:50
660-72177-59	EW-3022_INF	Water	02/18/16 10:40	02/19/16 13:50
660-72177-60	EW-3023_INF	Water	02/18/16 07:02	02/19/16 13:50
660-72177-61	EW-3024_INF	Water	02/19/16 08:13	02/19/16 13:50
660-72177-62	EW-3025_INF	Water	02/18/16 10:23	02/19/16 13:50
660-72177-63	EW-3026_INF	Water	02/18/16 10:18	02/19/16 13:50
660-72177-64	EW-3027_INF	Water	02/19/16 08:03	02/19/16 13:50
660-72177-65	EW-4001_INF	Water	02/18/16 13:14	02/19/16 13:50
660-72177-66	EW-4002_INF	Water	02/17/16 14:10	02/19/16 13:50
660-72177-67	EW-4003_INF	Water	02/19/16 08:33	02/19/16 13:50
660-72177-68	EW-4004_INF	Water	02/17/16 13:20	02/19/16 13:50
660-72177-69	EW-4005_INF	Water	02/19/16 07:52	02/19/16 13:50
660-72177-70	EW-4006_INF	Water	02/18/16 10:46	02/19/16 13:50
660-72177-71	EW-4007_INF	Water	02/18/16 10:29	02/19/16 13:50
660-72177-72	EW-4008_INF	Water	02/18/16 13:45	02/19/16 13:50
660-72177-73	EW-4009_INF	Water	02/18/16 07:52	02/19/16 13:50
660-72177-74	EW-4010_INF	Water	02/18/16 13:24	02/19/16 13:50
660-72177-75	EW-4011_INF	Water	02/18/16 13:19	02/19/16 13:50
660-72177-76	EW-5001_INF	Water	02/19/16 07:48	02/19/16 13:50
660-72177-77	EW-5002_INF	Water	02/18/16 11:00	02/19/16 13:50
660-72177-78	EW-2101_INF	Water	02/18/16 07:32	02/19/16 13:50
660-72177-79	EW-2102_INF	Water	02/18/16 07:25	02/19/16 13:50
660-72177-80	EW-2103_INF	Water	02/19/16 09:20	02/19/16 13:50
660-72177-81	EW-2104_INF	Water	02/18/16 13:56	02/19/16 13:50
660-72177-82	Trip Blank	Water	02/17/16 00:00	02/19/16 13:50

Job ID: 660-72177-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-72177-1

Comments
No additional comments.

Receipt
The samples were received on 2/19/2016 1:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 1.6º C, 2.8º C and 3.6º C.

Receipt Exceptions
The container labels lists date sampled as 2/18/16, while the COC lists 2/17/16. Logged per COC. The client was contacted, and the lab was instructed to use the container date.

GC/MS VOA
Method(s) 8260B: The sample duplicate (DUP) precision for 166878 was outside control limits. Sample matrix interference is suspected.

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: EW-3012_INF (660-72177-49). Elevated reporting limits (RLs) are provided. Batch 166885.

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: EW-3023_INF (660-72177-60). Elevated reporting limits (RLs) are provided. Batch 166882.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: EW-3027_INF (660-72177-64) and EW-4003_INF (660-72177-67). Elevated reporting limits (RLs) are provided. Batch 166929.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2001_INF — Lab Sample ID: 660-72177-1

No Detections.

Client Sample ID: EW-2002_INF — Lab Sample ID: 660-72177-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.84	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.74	I	1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2003_INF — Lab Sample ID: 660-72177-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	2.6		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2004_INF — Lab Sample ID: 660-72177-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	6.2		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	0.62	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	12		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2005_INF — Lab Sample ID: 660-72177-5

No Detections.

Client Sample ID: EW-2006_INF — Lab Sample ID: 660-72177-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	4.9		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2007_INF — Lab Sample ID: 660-72177-7

No Detections.

Client Sample ID: EW-2008_INF — Lab Sample ID: 660-72177-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	2.1	I	4.0	1.0	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2009_INF — Lab Sample ID: 660-72177-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2010_INF — Lab Sample ID: 660-72177-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.4	I	4.0	1.0	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.6	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2011_INF — Lab Sample ID: 660-72177-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.8	I	4.0	1.0	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.93	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2012_INF — Lab Sample ID: 660-72177-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.99	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.68	I	1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2013_INF — Lab Sample ID: 660-72177-13

No Detections.

Client Sample ID: EW-2014_INF — Lab Sample ID: 660-72177-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.5		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.61	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.2		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.4		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	61		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2015_INF — Lab Sample ID: 660-72177-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.92	I	1.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	3.5		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2016_INF — Lab Sample ID: 660-72177-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.5		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.5	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2017_INF — Lab Sample ID: 660-72177-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.3	I	4.0	1.0	ug/L	1		8260B	Total/NA
Trichloroethene	0.65	I	1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2018_INF — Lab Sample ID: 660-72177-18

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-2018_INF (Continued) — Lab Sample ID: 660-72177-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.3	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	23		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.4		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2019_INF — Lab Sample ID: 660-72177-19

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.3	I	4.0	1.0	ug/L	1		8260B	Total/NA
Trichloroethene	3.2		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2020_INF — Lab Sample ID: 660-72177-20

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.0		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2021_INF — Lab Sample ID: 660-72177-21

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.1	I	4.0	1.0	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.1		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.4		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	4.9		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2022_INF — Lab Sample ID: 660-72177-22

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	2.1	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.5		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.8		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	3.0		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2023_INF — Lab Sample ID: 660-72177-23

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.5	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.2		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.0		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	2.8		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2024_INF — Lab Sample ID: 660-72177-24

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.5		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.3		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.2		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	24		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2025_INF — Lab Sample ID: 660-72177-25

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.68	I	1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.7		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	4.2		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2026_INF — Lab Sample ID: 660-72177-26

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.8	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.0		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.6		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2027_INF — Lab Sample ID: 660-72177-27

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	10		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2028_INF — Lab Sample ID: 660-72177-28

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.3		1.0	0.65	ug/L	1		8260B	Total/NA
Trichloroethene	32		1.0	0.61	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	100		10	5.0	ug/L	10		8260B	Total/NA

Client Sample ID: EW-2029_INF — Lab Sample ID: 660-72177-29

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.4		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	17		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	26		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2030_INF — Lab Sample ID: 660-72177-30

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	2.3	I	4.0	1.0	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.6		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	0.94	I	1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2031_INF — Lab Sample ID: 660-72177-31

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.94	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	2.6		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2032_INF — Lab Sample ID: 660-72177-32

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	2.1	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.2		1.0	0.65	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-2032_INF (Continued) — Lab Sample ID: 660-72177-32

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.71	I	1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	48		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	56		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.5	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2033_INF — Lab Sample ID: 660-72177-33

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	2.1	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.9		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.8		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	55		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene - DL	98		10	6.1	ug/L	10		8260B	Total/NA
1,4-Dioxane	4.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2034_INF — Lab Sample ID: 660-72177-34

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.0	I	4.0	1.0	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2035_INF — Lab Sample ID: 660-72177-35

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.7		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.1		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	14		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	6.9		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2036_INF — Lab Sample ID: 660-72177-36

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	1.3		1.0	0.60	ug/L	1		8260B	Total/NA

Client Sample ID: EW-2037_INF — Lab Sample ID: 660-72177-37

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.1	I	4.0	1.0	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-3001_INF — Lab Sample ID: 660-72177-38

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	2.0	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	9.1		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.61	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-3001_INF (Continued) — Lab Sample ID: 660-72177-38

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	26		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-3002_INF — Lab Sample ID: 660-72177-39

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	33		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	21		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	58		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	4.8		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	73		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-3003_INF — Lab Sample ID: 660-72177-40

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	29		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	9.4		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	37		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-3004_INF — Lab Sample ID: 660-72177-41

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	48		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	4.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.9		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.4		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	88		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	27		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-3005_INF — Lab Sample ID: 660-72177-42

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	31		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	16		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	67		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene - DL	350		10	6.1	ug/L	10		8260B	Total/NA
1,4-Dioxane	16		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-3006_INF — Lab Sample ID: 660-72177-43

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	6.6		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.0		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.75	I	1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	53		1.0	0.61	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	220		5.0	3.3	ug/L	5		8260B	Total/NA
1,4-Dioxane	7.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3007_INF — Lab Sample ID: 660-72177-44

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	48		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	18		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.6		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	78		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	18		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-3008_INF — Lab Sample ID: 660-72177-45

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	94		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	7.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	20		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	6.7		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	77		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	66		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW-3009_INF — Lab Sample ID: 660-72177-46

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.5	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	91		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	26		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	42		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.0		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.0		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	74		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	140		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW-3010_INF — Lab Sample ID: 660-72177-47

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.95	I	1.0	0.63	ug/L	1		8260B	Total/NA
Chloromethane	1.7	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	11		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	17		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	91		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.0		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	17		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	110		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW-3011_INF — Lab Sample ID: 660-72177-48

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.9		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	4.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	14		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	7.6		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	11		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3012_INF — Lab Sample ID: 660-72177-49

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		5.0	3.3	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	91		5.0	2.6	ug/L	5		8260B	Total/NA
Tetrachloroethene	77		5.0	2.5	ug/L	5		8260B	Total/NA
Trichloroethene	160		5.0	3.1	ug/L	5		8260B	Total/NA
Vinyl chloride	4.2	I	5.0	3.6	ug/L	5		8260B	Total/NA
1,1-Dichloroethene - DL	580		50	34	ug/L	50		8260B	Total/NA
1,4-Dioxane	150		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW-3013_INF — Lab Sample ID: 660-72177-50

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.0		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	19		1.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	91		1.0	0.61	ug/L	1		8260B	Total/NA
1,1-Dichloroethene - DL	97		10	6.7	ug/L	10		8260B	Total/NA
Tetrachloroethene - DL	130		10	5.0	ug/L	10		8260B	Total/NA
1,4-Dioxane	30		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-3014_INF — Lab Sample ID: 660-72177-51

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	4.3		2.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	4.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.7		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	11		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	12		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-3015_INF — Lab Sample ID: 660-72177-52

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	2.7	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.1		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	34		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	21		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	76		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.5		1.0	0.71	ug/L	1		8260B	Total/NA
1,1-Dichloroethene - DL	170		10	6.7	ug/L	10		8260B	Total/NA
1,4-Dioxane	230		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW-3016_INF — Lab Sample ID: 660-72177-53

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.0		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	48		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	88		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.2		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	4.2		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	270		10	5.0	ug/L	5		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3017_INF — Lab Sample ID: 660-72177-54

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.6		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.73	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	6.2		1.0	0.61	ug/L	1		8260B	Total/NA
1,1-Dichloroethane - DL	180		10	5.2	ug/L	10		8260B	Total/NA
1,1-Dichloroethene - DL	220		10	6.7	ug/L	10		8260B	Total/NA
1,4-Dioxane	1200		100	50	ug/L	50		8260C SIM	Total/NA

Client Sample ID: EW-3018_INF — Lab Sample ID: 660-72177-55

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	60		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	58		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.96	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	4.4		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	250		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW-3019_INF — Lab Sample ID: 660-72177-56

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.6		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	65		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	77		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	5.3		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	340		20	10	ug/L	10		8260C SIM	Total/NA

Client Sample ID: EW-3020_INF — Lab Sample ID: 660-72177-57

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.0		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	28		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	72		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.7		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	31		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	190		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW-3021_INF — Lab Sample ID: 660-72177-58

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	5.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	11		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.58	I	1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	7.9		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene - DL	220		10	6.1	ug/L	10		8260B	Total/NA
1,4-Dioxane	86		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW-3022_INF — Lab Sample ID: 660-72177-59

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-3022_INF (Continued) — Lab Sample ID: 660-72177-59

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.4	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	8.6		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	27		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	23		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.7		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	7.2		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	220		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW-3023_INF — Lab Sample ID: 660-72177-60

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		2.0	1.3	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	80		2.0	1.0	ug/L	2		8260B	Total/NA
Tetrachloroethene	19		2.0	1.0	ug/L	2		8260B	Total/NA
Trichloroethene	58		2.0	1.2	ug/L	2		8260B	Total/NA
Vinyl chloride	1.8	I	2.0	1.4	ug/L	2		8260B	Total/NA
1,1-Dichloroethene - DL	320		20	13	ug/L	20		8260B	Total/NA
1,4-Dioxane	200		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW-3024_INF — Lab Sample ID: 660-72177-61

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.2	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.6		1.0	0.65	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	0.57	I	1.0	0.49	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	7.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	57		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	5.2		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	14		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-3025_INF — Lab Sample ID: 660-72177-62

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	2.3	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	4.1		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	11		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	20		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	86		1.0	0.61	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	130		5.0	2.5	ug/L	5		8260B	Total/NA
1,4-Dioxane	67		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW-3026_INF — Lab Sample ID: 660-72177-63

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.2		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	18		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	47		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	7.1		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	190		10	5.0	ug/L	5		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3027_INF — Lab Sample ID: 660-72177-64

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	39		2.0	1.3	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	14		2.0	1.0	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	31		2.0	1.3	ug/L	2		8260B	Total/NA
Tetrachloroethene	110		2.0	1.0	ug/L	2		8260B	Total/NA
Trichloroethene - DL	700		20	12	ug/L	20		8260B	Total/NA
1,4-Dioxane	190		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW-4001_INF — Lab Sample ID: 660-72177-65

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.7	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.7		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	23		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	26		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-4002_INF — Lab Sample ID: 660-72177-66

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	2.3	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	11		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.4		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	25		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-4003_INF — Lab Sample ID: 660-72177-67

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	23		5.0	2.6	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	100		5.0	3.4	ug/L	5		8260B	Total/NA
trans-1,2-Dichloroethene	6.3		5.0	3.4	ug/L	5		8260B	Total/NA
Trichloroethene	11		5.0	3.1	ug/L	5		8260B	Total/NA
Vinyl chloride	290		5.0	3.6	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene - DL	900		50	33	ug/L	50		8260B	Total/NA
1,4-Dioxane	150		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW-4004_INF — Lab Sample ID: 660-72177-68

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.2	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.81	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.6		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	0.91	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	18		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-4005_INF — Lab Sample ID: 660-72177-69

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-4005_INF (Continued) — Lab Sample ID: 660-72177-69

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	35		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	9.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	19		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.9		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	4.3		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.1		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	100		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW-4006_INF — Lab Sample ID: 660-72177-70

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.4		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.2		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.7		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	56		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-4007_INF — Lab Sample ID: 660-72177-71

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.95	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.3		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	0.61	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	60		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-4008_INF — Lab Sample ID: 660-72177-72

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.7	I	4.0	1.0	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.57	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	9.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-4009_INF — Lab Sample ID: 660-72177-73

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	7.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	3.4		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	23		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-4010_INF — Lab Sample ID: 660-72177-74

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.7		1.0	0.67	ug/L	1		8260B	Total/NA
m-Xylene & p-Xylene	0.64	I	2.0	0.60	ug/L	1		8260B	Total/NA
1,4-Dioxane	29		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-4011_INF — Lab Sample ID: 660-72177-75

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-4011_INF (Continued) — Lab Sample ID: 660-72177-75

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	3.5	I	4.0	1.0	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.6		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	28		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-5001_INF — Lab Sample ID: 660-72177-76

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.7		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	2.0		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	7.3		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	8.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-5002_INF — Lab Sample ID: 660-72177-77

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	4.0		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	5.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	4.6		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2101_INF — Lab Sample ID: 660-72177-78

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	2.2		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2102_INF — Lab Sample ID: 660-72177-79

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.1		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	6.5		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW-2103_INF — Lab Sample ID: 660-72177-80

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	18		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	26		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	45		1.0	0.61	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	170		10	5.0	ug/L	10		8260B	Total/NA
1,4-Dioxane	140		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW-2104_INF — Lab Sample ID: 660-72177-81

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2104_INF (Continued) — Lab Sample ID: 660-72177-81

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	2.7		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	2.0		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	61		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 660-72177-82

No Detections.

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2001_INF
Date Collected: 02/18/16 08:12
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/27/16 15:55	1
Benzene	0.50	U	1.0	0.50	ug/L			02/27/16 15:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/27/16 15:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/27/16 15:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/27/16 15:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/27/16 15:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/27/16 15:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/27/16 15:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/27/16 15:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/27/16 15:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/27/16 15:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/27/16 15:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/27/16 15:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/27/16 15:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/27/16 15:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/27/16 15:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/27/16 15:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/27/16 15:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/27/16 15:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/27/16 15:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/27/16 15:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/27/16 15:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/27/16 15:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/27/16 15:55	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/27/16 15:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/27/16 15:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/27/16 15:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/27/16 15:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/27/16 15:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/27/16 15:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/27/16 15:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/27/16 15:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/27/16 15:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/27/16 15:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/27/16 15:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/27/16 15:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/27/16 15:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/27/16 15:55	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/27/16 15:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/27/16 15:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/27/16 15:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/27/16 15:55	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/27/16 15:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/27/16 15:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/27/16 15:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/27/16 15:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/27/16 15:55	1
Styrene	0.98	U	2.0	0.98	ug/L			02/27/16 15:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/27/16 15:55	1

Client Sample ID: EW-2001_INF

Date Collected: 02/18/16 08:12
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/27/16 15:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/27/16 15:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/27/16 15:55	1
Toluene	0.51	U	1.0	0.51	ug/L			02/27/16 15:55	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/27/16 15:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/27/16 15:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/27/16 15:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/27/16 15:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/27/16 15:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/27/16 15:55	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/27/16 15:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/27/16 15:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/27/16 15:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/27/16 15:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/27/16 15:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/27/16 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*02/27/16 15:55*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/27/16 15:55*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/27/16 15:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/22/16 11:51	1

Client Sample ID: EW-2002_INF

Date Collected: 02/18/16 08:19
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/27/16 16:14	1
Benzene	0.50	U	1.0	0.50	ug/L			02/27/16 16:14	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/27/16 16:14	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/27/16 16:14	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/27/16 16:14	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/27/16 16:14	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/27/16 16:14	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/27/16 16:14	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/27/16 16:14	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/27/16 16:14	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/27/16 16:14	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/27/16 16:14	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/27/16 16:14	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/27/16 16:14	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/27/16 16:14	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/27/16 16:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/27/16 16:14	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/27/16 16:14	1

Client Sample ID: EW-2002_INF
Date Collected: 02/18/16 08:19
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/27/16 16:14	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/27/16 16:14	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/27/16 16:14	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/27/16 16:14	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/27/16 16:14	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/27/16 16:14	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/27/16 16:14	1
1,1-Dichloroethane	**0.84**	**I**	1.0	0.52	ug/L			02/27/16 16:14	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/27/16 16:14	1
1,1-Dichloroethene	**0.74**	**I**	1.0	0.67	ug/L			02/27/16 16:14	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/27/16 16:14	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/27/16 16:14	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/27/16 16:14	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/27/16 16:14	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/27/16 16:14	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/27/16 16:14	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/27/16 16:14	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/27/16 16:14	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/27/16 16:14	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/27/16 16:14	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/27/16 16:14	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/27/16 16:14	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/27/16 16:14	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/27/16 16:14	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/27/16 16:14	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/27/16 16:14	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/27/16 16:14	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/27/16 16:14	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/27/16 16:14	1
Styrene	0.98	U	2.0	0.98	ug/L			02/27/16 16:14	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/27/16 16:14	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/27/16 16:14	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/27/16 16:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/27/16 16:14	1
Toluene	0.51	U	1.0	0.51	ug/L			02/27/16 16:14	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/27/16 16:14	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/27/16 16:14	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/27/16 16:14	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/27/16 16:14	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/27/16 16:14	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/27/16 16:14	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/27/16 16:14	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/27/16 16:14	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/27/16 16:14	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/27/16 16:14	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/27/16 16:14	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/27/16 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/27/16 16:14*	*1*

Client Sample ID: EW-2002_INF

Lab Sample ID: 660-72177-2

Date Collected: 02/18/16 08:19

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*107*		*70 - 130*		*02/27/16 16:14*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/27/16 16:14*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.8**		2.0	1.0	ug/L			02/22/16 13:06	1

Client Sample ID: EW-2003_INF

Lab Sample ID: 660-72177-3

Date Collected: 02/18/16 08:32

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/27/16 17:30	1
Benzene	0.50	U	1.0	0.50	ug/L			02/27/16 17:30	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/27/16 17:30	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/27/16 17:30	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/27/16 17:30	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/27/16 17:30	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/27/16 17:30	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/27/16 17:30	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/27/16 17:30	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/27/16 17:30	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/27/16 17:30	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/27/16 17:30	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/27/16 17:30	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/27/16 17:30	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/27/16 17:30	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/27/16 17:30	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/27/16 17:30	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/27/16 17:30	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/27/16 17:30	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/27/16 17:30	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/27/16 17:30	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/27/16 17:30	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/27/16 17:30	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/27/16 17:30	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/27/16 17:30	1
1,1-Dichloroethane	**1.9**		1.0	0.52	ug/L			02/27/16 17:30	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/27/16 17:30	1
1,1-Dichloroethene	**2.6**		1.0	0.67	ug/L			02/27/16 17:30	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/27/16 17:30	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/27/16 17:30	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/27/16 17:30	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/27/16 17:30	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/27/16 17:30	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/27/16 17:30	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/27/16 17:30	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/27/16 17:30	1

Client Sample ID: EW-2003_INF

Lab Sample ID: 660-72177-3

Date Collected: 02/18/16 08:32

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/27/16 17:30	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/27/16 17:30	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/27/16 17:30	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/27/16 17:30	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/27/16 17:30	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/27/16 17:30	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/27/16 17:30	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/27/16 17:30	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/27/16 17:30	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/27/16 17:30	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/27/16 17:30	1
Styrene	0.98	U	2.0	0.98	ug/L			02/27/16 17:30	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/27/16 17:30	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/27/16 17:30	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/27/16 17:30	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/27/16 17:30	1
Toluene	0.51	U	1.0	0.51	ug/L			02/27/16 17:30	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/27/16 17:30	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/27/16 17:30	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/27/16 17:30	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/27/16 17:30	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/27/16 17:30	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/27/16 17:30	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/27/16 17:30	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/27/16 17:30	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/27/16 17:30	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/27/16 17:30	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/27/16 17:30	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/27/16 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/27/16 17:30*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*02/27/16 17:30*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/27/16 17:30*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.1**		2.0	1.0	ug/L			02/22/16 13:25	1

Client Sample ID: EW-2004_INF

Lab Sample ID: 660-72177-4

Date Collected: 02/18/16 08:38

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/27/16 17:48	1
Benzene	0.50	U	1.0	0.50	ug/L			02/27/16 17:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/27/16 17:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/27/16 17:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/27/16 17:48	1

Client Sample ID: EW-2004_INF
Date Collected: 02/18/16 08:38
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/27/16 17:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/27/16 17:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/27/16 17:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/27/16 17:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/27/16 17:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/27/16 17:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/27/16 17:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/27/16 17:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/27/16 17:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/27/16 17:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/27/16 17:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/27/16 17:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/27/16 17:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/27/16 17:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/27/16 17:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/27/16 17:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/27/16 17:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/27/16 17:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/27/16 17:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/27/16 17:48	1
1,1-Dichloroethane	**4.2**		1.0	0.52	ug/L			02/27/16 17:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/27/16 17:48	1
1,1-Dichloroethene	**6.2**		1.0	0.67	ug/L			02/27/16 17:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/27/16 17:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/27/16 17:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/27/16 17:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/27/16 17:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/27/16 17:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/27/16 17:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/27/16 17:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/27/16 17:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/27/16 17:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/27/16 17:48	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/27/16 17:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/27/16 17:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/27/16 17:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/27/16 17:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/27/16 17:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/27/16 17:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/27/16 17:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/27/16 17:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/27/16 17:48	1
Styrene	0.98	U	2.0	0.98	ug/L			02/27/16 17:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/27/16 17:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/27/16 17:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/27/16 17:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/27/16 17:48	1
Toluene	0.51	U	1.0	0.51	ug/L			02/27/16 17:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/27/16 17:48	1

Client Sample ID: EW-2004_INF

Lab Sample ID: 660-72177-4

Date Collected: 02/18/16 08:38

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/27/16 17:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/27/16 17:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/27/16 17:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/27/16 17:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/27/16 17:48	1
Trichloroethene	**0.62**	**I**	1.0	0.61	ug/L			02/27/16 17:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/27/16 17:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/27/16 17:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/27/16 17:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/27/16 17:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/27/16 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/27/16 17:48*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/27/16 17:48*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/27/16 17:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**12**		2.0	1.0	ug/L			02/22/16 13:43	1

Client Sample ID: EW-2005_INF

Lab Sample ID: 660-72177-5

Date Collected: 02/18/16 08:47

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/27/16 18:07	1
Benzene	0.50	U	1.0	0.50	ug/L			02/27/16 18:07	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/27/16 18:07	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/27/16 18:07	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/27/16 18:07	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/27/16 18:07	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/27/16 18:07	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/27/16 18:07	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/27/16 18:07	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/27/16 18:07	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/27/16 18:07	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/27/16 18:07	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/27/16 18:07	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/27/16 18:07	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/27/16 18:07	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/27/16 18:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/27/16 18:07	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/27/16 18:07	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/27/16 18:07	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/27/16 18:07	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/27/16 18:07	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/27/16 18:07	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/27/16 18:07	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2005_INF
Date Collected: 02/18/16 08:47
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/27/16 18:07	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/27/16 18:07	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/27/16 18:07	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/27/16 18:07	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/27/16 18:07	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/27/16 18:07	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/27/16 18:07	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/27/16 18:07	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/27/16 18:07	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/27/16 18:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/27/16 18:07	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/27/16 18:07	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/27/16 18:07	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/27/16 18:07	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/27/16 18:07	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/27/16 18:07	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/27/16 18:07	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/27/16 18:07	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/27/16 18:07	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/27/16 18:07	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/27/16 18:07	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/27/16 18:07	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/27/16 18:07	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/27/16 18:07	1
Styrene	0.98	U	2.0	0.98	ug/L			02/27/16 18:07	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/27/16 18:07	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/27/16 18:07	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/27/16 18:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/27/16 18:07	1
Toluene	0.51	U	1.0	0.51	ug/L			02/27/16 18:07	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/27/16 18:07	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/27/16 18:07	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/27/16 18:07	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/27/16 18:07	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/27/16 18:07	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/27/16 18:07	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/27/16 18:07	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/27/16 18:07	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/27/16 18:07	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/27/16 18:07	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/27/16 18:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/27/16 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/27/16 18:07*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/27/16 18:07*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/27/16 18:07*	*1*

Client Sample ID: EW-2005_INF

Lab Sample ID: 660-72177-5

Date Collected: 02/18/16 08:47

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/22/16 14:02	1

Client Sample ID: EW-2006_INF

Lab Sample ID: 660-72177-6

Date Collected: 02/18/16 08:55

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 18:19	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 18:19	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 18:19	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 18:19	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 18:19	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 18:19	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 18:19	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 18:19	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 18:19	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 18:19	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 18:19	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 18:19	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 18:19	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/28/16 18:19	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 18:19	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 18:19	1
cis-1,2-Dichloroethene	**1.4**		1.0	0.65	ug/L			02/28/16 18:19	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 18:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 18:19	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 18:19	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 18:19	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 18:19	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 18:19	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 18:19	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 18:19	1
1,1-Dichloroethane	**1.4**		1.0	0.52	ug/L			02/28/16 18:19	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 18:19	1
1,1-Dichloroethene	**4.9**		1.0	0.67	ug/L			02/28/16 18:19	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 18:19	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 18:19	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 18:19	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 18:19	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 18:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 18:19	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 18:19	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 18:19	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 18:19	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 18:19	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 18:19	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 18:19	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 18:19	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 18:19	1

Client Sample ID: EW-2006_INF

Lab Sample ID: 660-72177-6

Date Collected: 02/18/16 08:55

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 18:19	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 18:19	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 18:19	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 18:19	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 18:19	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 18:19	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 18:19	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 18:19	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 18:19	1
Tetrachloroethene	**1.3**		1.0	0.50	ug/L			02/28/16 18:19	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 18:19	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 18:19	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 18:19	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 18:19	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 18:19	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 18:19	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 18:19	1
Trichloroethene	**11**		1.0	0.61	ug/L			02/28/16 18:19	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 18:19	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 18:19	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 18:19	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 18:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*02/28/16 18:19*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*02/28/16 18:19*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/28/16 18:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.5**		2.0	1.0	ug/L			02/22/16 14:20	1

Client Sample ID: EW-2007_INF

Lab Sample ID: 660-72177-7

Date Collected: 02/18/16 09:04

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 17:22	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 17:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 17:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 17:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 17:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 17:22	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 17:22	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 17:22	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 17:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 17:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 17:22	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2007_INF
Date Collected: 02/18/16 09:04
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 17:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 17:22	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/28/16 17:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 17:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 17:22	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 17:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 17:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 17:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 17:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 17:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 17:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 17:22	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 17:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 17:22	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/28/16 17:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 17:22	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 17:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 17:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 17:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 17:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 17:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 17:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 17:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 17:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 17:22	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 17:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 17:22	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 17:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 17:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 17:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 17:22	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 17:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 17:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 17:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 17:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 17:22	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 17:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 17:22	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 17:22	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 17:22	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 17:22	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 17:22	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 17:22	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 17:22	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 17:22	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 17:22	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 17:22	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 17:22	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/28/16 17:22	1

Client Sample ID: EW-2007_INF

Lab Sample ID: 660-72177-7

Date Collected: 02/18/16 09:04

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 17:22	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 17:22	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 17:22	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 17:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/28/16 17:22*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*02/28/16 17:22*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/28/16 17:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/22/16 14:38	1

Client Sample ID: EW-2008_INF

Lab Sample ID: 660-72177-8

Date Collected: 02/17/16 14:43

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 17:41	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 17:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 17:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 17:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 17:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 17:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 17:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 17:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 17:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 17:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 17:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 17:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 17:41	1
Chloromethane	**2.1**	**I**	4.0	1.0	ug/L			02/28/16 17:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 17:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 17:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 17:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 17:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 17:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 17:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 17:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 17:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 17:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 17:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 17:41	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/28/16 17:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 17:41	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 17:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 17:41	1

Client Sample ID: EW-2008_INF
Date Collected: 02/17/16 14:43
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 17:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 17:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 17:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 17:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 17:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 17:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 17:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 17:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 17:41	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 17:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 17:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 17:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 17:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 17:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 17:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 17:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 17:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 17:41	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 17:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 17:41	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 17:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 17:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 17:41	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 17:41	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 17:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 17:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 17:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 17:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 17:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 17:41	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/28/16 17:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 17:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 17:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 17:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 17:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/28/16 17:41*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*02/28/16 17:41*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/28/16 17:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.1**		2.0	1.0	ug/L			02/22/16 14:57	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2009_INF
Date Collected: 02/17/16 14:39
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 19:16	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 19:16	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 19:16	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 19:16	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 19:16	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 19:16	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 19:16	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 19:16	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 19:16	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 19:16	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 19:16	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 19:16	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 19:16	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/28/16 19:16	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 19:16	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 19:16	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 19:16	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 19:16	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 19:16	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 19:16	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 19:16	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 19:16	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 19:16	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 19:16	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 19:16	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/28/16 19:16	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 19:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 19:16	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 19:16	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 19:16	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 19:16	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 19:16	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 19:16	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 19:16	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 19:16	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 19:16	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 19:16	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 19:16	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 19:16	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 19:16	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 19:16	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 19:16	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 19:16	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 19:16	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 19:16	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 19:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 19:16	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 19:16	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 19:16	1

Client Sample ID: EW-2009_INF

Date Collected: 02/17/16 14:39
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 19:16	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 19:16	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 19:16	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 19:16	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 19:16	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 19:16	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 19:16	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 19:16	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 19:16	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 19:16	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/28/16 19:16	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 19:16	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 19:16	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 19:16	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 19:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/28/16 19:16*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*02/28/16 19:16*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/28/16 19:16*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**	**I**	2.0	1.0	ug/L			02/22/16 15:16	1

Client Sample ID: EW-2010_INF

Date Collected: 02/17/16 14:29
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 19:35	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 19:35	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 19:35	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 19:35	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 19:35	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 19:35	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 19:35	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 19:35	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 19:35	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 19:35	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 19:35	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 19:35	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 19:35	1
Chloromethane	**1.4**	**I**	4.0	1.0	ug/L			02/28/16 19:35	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 19:35	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 19:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 19:35	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 19:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2010_INF
Date Collected: 02/17/16 14:29
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 19:35	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 19:35	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 19:35	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 19:35	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 19:35	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 19:35	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 19:35	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/28/16 19:35	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 19:35	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 19:35	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 19:35	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 19:35	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 19:35	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 19:35	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 19:35	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 19:35	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 19:35	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 19:35	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 19:35	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 19:35	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 19:35	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 19:35	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 19:35	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 19:35	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 19:35	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 19:35	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 19:35	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 19:35	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 19:35	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 19:35	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 19:35	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 19:35	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 19:35	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 19:35	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 19:35	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 19:35	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 19:35	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 19:35	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 19:35	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 19:35	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 19:35	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/28/16 19:35	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 19:35	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 19:35	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 19:35	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 19:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/28/16 19:35*	*1*

Client Sample ID: EW-2010_INF

Lab Sample ID: 660-72177-10

Date Collected: 02/17/16 14:29

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*109*		*70 - 130*		*02/28/16 19:35*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/28/16 19:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.6**	**I**	2.0	1.0	ug/L			02/22/16 15:34	1

Client Sample ID: EW-2011_INF

Lab Sample ID: 660-72177-11

Date Collected: 02/17/16 14:25

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 19:54	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 19:54	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 19:54	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 19:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 19:54	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 19:54	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 19:54	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 19:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 19:54	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 19:54	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 19:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 19:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 19:54	1
Chloromethane	**1.8**	**I**	4.0	1.0	ug/L			02/28/16 19:54	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 19:54	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 19:54	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 19:54	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 19:54	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 19:54	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 19:54	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 19:54	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 19:54	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 19:54	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 19:54	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 19:54	1
1,1-Dichloroethane	**0.93**	**I**	1.0	0.52	ug/L			02/28/16 19:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 19:54	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 19:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 19:54	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 19:54	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 19:54	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 19:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 19:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 19:54	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 19:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 19:54	1

Client Sample ID: EW-2011_INF

Date Collected: 02/17/16 14:25
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 19:54	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 19:54	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 19:54	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 19:54	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 19:54	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 19:54	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 19:54	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 19:54	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 19:54	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 19:54	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 19:54	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 19:54	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 19:54	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 19:54	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 19:54	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 19:54	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 19:54	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 19:54	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 19:54	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 19:54	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 19:54	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 19:54	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 19:54	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/28/16 19:54	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 19:54	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 19:54	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 19:54	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 19:54	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/28/16 19:54*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/28/16 19:54*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/28/16 19:54*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.7**		2.0	1.0	ug/L			02/22/16 15:54	1

Client Sample ID: EW-2012_INF

Date Collected: 02/18/16 09:59
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 20:13	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 20:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 20:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 20:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 20:13	1

Client Sample ID: EW-2012_INF
Date Collected: 02/18/16 09:59
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 20:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 20:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 20:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 20:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 20:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 20:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 20:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 20:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/28/16 20:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 20:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 20:13	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 20:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 20:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 20:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 20:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 20:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 20:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 20:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 20:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 20:13	1
1,1-Dichloroethane	**0.99**	**I**	1.0	0.52	ug/L			02/28/16 20:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 20:13	1
1,1-Dichloroethene	**0.68**	**I**	1.0	0.67	ug/L			02/28/16 20:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 20:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 20:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 20:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 20:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 20:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 20:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 20:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 20:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 20:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 20:13	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 20:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 20:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 20:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 20:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 20:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 20:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 20:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 20:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 20:13	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 20:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 20:13	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 20:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 20:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 20:13	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 20:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 20:13	1

Client Sample ID: EW-2012_INF

Lab Sample ID: 660-72177-12

Date Collected: 02/18/16 09:59

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 20:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 20:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 20:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 20:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 20:13	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/28/16 20:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 20:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 20:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 20:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 20:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*02/28/16 20:13*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*02/28/16 20:13*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/28/16 20:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.0**		2.0	1.0	ug/L			02/22/16 16:12	1

Client Sample ID: EW-2013_INF

Lab Sample ID: 660-72177-13

Date Collected: 02/18/16 09:52

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 20:31	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 20:31	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 20:31	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 20:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 20:31	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 20:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 20:31	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 20:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 20:31	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 20:31	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 20:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 20:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 20:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/28/16 20:31	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 20:31	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 20:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 20:31	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 20:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 20:31	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 20:31	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 20:31	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 20:31	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 20:31	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2013_INF
Date Collected: 02/18/16 09:52
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 20:31	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 20:31	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/28/16 20:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 20:31	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 20:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 20:31	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 20:31	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 20:31	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 20:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 20:31	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 20:31	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 20:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 20:31	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 20:31	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 20:31	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 20:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 20:31	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 20:31	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 20:31	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 20:31	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 20:31	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 20:31	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 20:31	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 20:31	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 20:31	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 20:31	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 20:31	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 20:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 20:31	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 20:31	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 20:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 20:31	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 20:31	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 20:31	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 20:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 20:31	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/28/16 20:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 20:31	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 20:31	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 20:31	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 20:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*02/28/16 20:31*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/28/16 20:31*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/28/16 20:31*	*1*

Client Sample ID: EW-2013_INF

Lab Sample ID: 660-72177-13

Date Collected: 02/18/16 09:52

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/22/16 16:30	1

Client Sample ID: EW-2014_INF

Lab Sample ID: 660-72177-14

Date Collected: 02/18/16 10:12

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 23:22	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 23:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 23:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 23:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 23:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 23:22	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 23:22	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 23:22	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 23:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 23:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 23:22	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 23:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 23:22	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/28/16 23:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 23:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 23:22	1
cis-1,2-Dichloroethene	**3.5**		1.0	0.65	ug/L			02/28/16 23:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 23:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 23:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 23:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 23:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 23:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 23:22	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 23:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 23:22	1
1,1-Dichloroethane	**0.61**	**I**	1.0	0.52	ug/L			02/28/16 23:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 23:22	1
1,1-Dichloroethene	**1.2**		1.0	0.67	ug/L			02/28/16 23:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 23:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 23:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 23:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 23:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 23:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 23:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 23:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 23:22	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 23:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 23:22	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 23:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 23:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 23:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 23:22	1

Client Sample ID: EW-2014_INF

Lab Sample ID: 660-72177-14

Date Collected: 02/18/16 10:12

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 23:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 23:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 23:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 23:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 23:22	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 23:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 23:22	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 23:22	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 23:22	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 23:22	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 23:22	1
trans-1,2-Dichloroethene	**1.4**		1.0	0.67	ug/L			02/28/16 23:22	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 23:22	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 23:22	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 23:22	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 23:22	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 23:22	1
Trichloroethene	**61**		1.0	0.61	ug/L			02/28/16 23:22	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 23:22	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 23:22	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 23:22	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 23:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/28/16 23:22*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/28/16 23:22*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/28/16 23:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.9**		2.0	1.0	ug/L			02/22/16 16:49	1

Client Sample ID: EW-2015_INF

Lab Sample ID: 660-72177-15

Date Collected: 02/17/16 13:52

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 20:51	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 20:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 20:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 20:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 20:51	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 20:51	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 20:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 20:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 20:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 20:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 20:51	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2015_INF
Date Collected: 02/17/16 13:52
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 20:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 20:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/28/16 20:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 20:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 20:51	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 20:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 20:51	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 20:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 20:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 20:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 20:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 20:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 20:51	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 20:51	1
1,1-Dichloroethane	**0.92**	**I**	1.0	0.52	ug/L			02/28/16 20:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 20:51	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 20:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 20:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 20:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 20:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 20:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 20:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 20:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 20:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 20:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 20:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 20:51	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 20:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 20:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 20:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 20:51	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 20:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 20:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 20:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 20:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 20:51	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 20:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 20:51	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 20:51	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 20:51	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 20:51	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 20:51	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 20:51	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 20:51	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 20:51	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 20:51	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 20:51	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 20:51	1
Trichloroethene	**3.5**		1.0	0.61	ug/L			02/28/16 20:51	1

Client Sample ID: EW-2015_INF

Lab Sample ID: 660-72177-15

Date Collected: 02/17/16 13:52

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 20:51	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 20:51	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 20:51	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 20:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/28/16 20:51*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*02/28/16 20:51*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/28/16 20:51*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/22/16 17:07	1

Client Sample ID: EW-2016_INF

Lab Sample ID: 660-72177-16

Date Collected: 02/19/16 08:22

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 21:09	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 21:09	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 21:09	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 21:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 21:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 21:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 21:09	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 21:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 21:09	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 21:09	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 21:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 21:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 21:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/28/16 21:09	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 21:09	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 21:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 21:09	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 21:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 21:09	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 21:09	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 21:09	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 21:09	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 21:09	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 21:09	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 21:09	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/28/16 21:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 21:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 21:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 21:09	1

Client Sample ID: EW-2016_INF
Date Collected: 02/19/16 08:22
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 21:09	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 21:09	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 21:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 21:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 21:09	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 21:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 21:09	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 21:09	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 21:09	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 21:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 21:09	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 21:09	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 21:09	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 21:09	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 21:09	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 21:09	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 21:09	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 21:09	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 21:09	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 21:09	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 21:09	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 21:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 21:09	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 21:09	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 21:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 21:09	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 21:09	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 21:09	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 21:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 21:09	1
Trichloroethene	**4.5**		1.0	0.61	ug/L			02/28/16 21:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 21:09	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 21:09	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 21:09	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 21:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/28/16 21:09*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/28/16 21:09*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/28/16 21:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**	**I**	2.0	1.0	ug/L			02/22/16 17:26	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2017_INF
Date Collected: 02/19/16 08:10
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 21:29	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 21:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 21:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 21:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 21:29	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 21:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 21:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 21:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 21:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 21:29	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 21:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 21:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 21:29	1
Chloromethane	**1.3**	**I**	4.0	1.0	ug/L			02/28/16 21:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 21:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 21:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 21:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 21:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 21:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 21:29	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 21:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 21:29	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 21:29	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 21:29	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 21:29	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/28/16 21:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 21:29	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 21:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 21:29	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 21:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 21:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 21:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 21:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 21:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 21:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 21:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 21:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 21:29	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 21:29	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 21:29	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 21:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 21:29	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 21:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 21:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 21:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 21:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 21:29	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 21:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 21:29	1

Client Sample ID: EW-2017_INF

Lab Sample ID: 660-72177-17

Date Collected: 02/19/16 08:10

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 21:29	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 21:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 21:29	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 21:29	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 21:29	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 21:29	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 21:29	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 21:29	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 21:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 21:29	1
Trichloroethene	**0.65**	**I**	1.0	0.61	ug/L			02/28/16 21:29	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 21:29	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 21:29	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 21:29	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 21:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/28/16 21:29*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/28/16 21:29*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*02/28/16 21:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/22/16 17:44	1

Client Sample ID: EW-2018_INF

Lab Sample ID: 660-72177-18

Date Collected: 02/19/16 08:25

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 23:41	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 23:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 23:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 23:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 23:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 23:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 23:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 23:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 23:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 23:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 23:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 23:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 23:41	1
Chloromethane	**1.3**	**I**	4.0	1.0	ug/L			02/28/16 23:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 23:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 23:41	1
cis-1,2-Dichloroethene	**23**		1.0	0.65	ug/L			02/28/16 23:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 23:41	1

Client Sample ID: EW-2018_INF
Date Collected: 02/19/16 08:25
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 23:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 23:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 23:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 23:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 23:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 23:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 23:41	1
1,1-Dichloroethane	**1.2**		1.0	0.52	ug/L			02/28/16 23:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 23:41	1
1,1-Dichloroethene	**1.4**		1.0	0.67	ug/L			02/28/16 23:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 23:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 23:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 23:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 23:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 23:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 23:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 23:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 23:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 23:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 23:41	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 23:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 23:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 23:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 23:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 23:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 23:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 23:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 23:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 23:41	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 23:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 23:41	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 23:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 23:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 23:41	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 23:41	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 23:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 23:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 23:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 23:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 23:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 23:41	1
Trichloroethene	**11**		1.0	0.61	ug/L			02/28/16 23:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 23:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 23:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 23:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 23:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*02/28/16 23:41*	*1*

Client Sample ID: EW-2018_INF

Lab Sample ID: 660-72177-18

Date Collected: 02/19/16 08:25

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*108*		*70 - 130*		*02/28/16 23:41*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/28/16 23:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.7**		2.0	1.0	ug/L			02/23/16 13:51	1

Client Sample ID: EW-2019_INF

Lab Sample ID: 660-72177-19

Date Collected: 02/19/16 08:40

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 21:48	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 21:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 21:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 21:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 21:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 21:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 21:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 21:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 21:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 21:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 21:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 21:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 21:48	1
Chloromethane	**1.3**	**I**	4.0	1.0	ug/L			02/28/16 21:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 21:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 21:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 21:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 21:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 21:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 21:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 21:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 21:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 21:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 21:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 21:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/28/16 21:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 21:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 21:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 21:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 21:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 21:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 21:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 21:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 21:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 21:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 21:48	1

Client Sample ID: EW-2019_INF

Lab Sample ID: 660-72177-19

Date Collected: 02/19/16 08:40

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 21:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 21:48	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 21:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 21:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 21:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 21:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 21:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 21:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 21:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 21:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 21:48	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 21:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 21:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 21:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 21:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 21:48	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 21:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 21:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 21:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 21:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 21:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 21:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 21:48	1
Trichloroethene	**3.2**		1.0	0.61	ug/L			02/28/16 21:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 21:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 21:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 21:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 21:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*02/28/16 21:48*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*02/28/16 21:48*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/28/16 21:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 15:06	1

Client Sample ID: EW-2020_INF

Lab Sample ID: 660-72177-20

Date Collected: 02/19/16 08:42

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 22:06	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 22:06	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 22:06	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 22:06	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 22:06	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2020_INF
Date Collected: 02/19/16 08:42
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 22:06	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 22:06	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 22:06	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 22:06	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 22:06	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 22:06	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 22:06	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 22:06	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/28/16 22:06	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 22:06	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 22:06	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 22:06	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 22:06	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 22:06	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 22:06	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 22:06	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 22:06	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 22:06	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 22:06	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 22:06	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/28/16 22:06	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 22:06	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 22:06	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 22:06	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 22:06	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 22:06	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 22:06	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 22:06	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 22:06	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 22:06	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 22:06	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 22:06	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 22:06	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 22:06	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 22:06	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 22:06	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 22:06	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 22:06	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 22:06	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 22:06	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 22:06	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 22:06	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 22:06	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 22:06	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 22:06	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 22:06	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 22:06	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 22:06	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 22:06	1

Client Sample ID: EW-2020_INF

Lab Sample ID: 660-72177-20

Date Collected: 02/19/16 08:42

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 22:06	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 22:06	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 22:06	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 22:06	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 22:06	1
Trichloroethene	**4.0**		1.0	0.61	ug/L			02/28/16 22:06	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 22:06	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 22:06	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 22:06	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 22:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*02/28/16 22:06*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/28/16 22:06*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/28/16 22:06*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 15:24	1

Client Sample ID: EW-2021_INF

Lab Sample ID: 660-72177-21

Date Collected: 02/19/16 08:41

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 22:25	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 22:25	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 22:25	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 22:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 22:25	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 22:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 22:25	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 22:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 22:25	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 22:25	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 22:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 22:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 22:25	1
Chloromethane	**1.1**	**I**	4.0	1.0	ug/L			02/28/16 22:25	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 22:25	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 22:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 22:25	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 22:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 22:25	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 22:25	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 22:25	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 22:25	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 22:25	1

Client Sample ID: EW-2021_INF
Date Collected: 02/19/16 08:41
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 22:25	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 22:25	1
1,1-Dichloroethane	**1.1**		1.0	0.52	ug/L			02/28/16 22:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 22:25	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 22:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 22:25	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 22:25	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 22:25	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 22:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 22:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 22:25	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 22:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 22:25	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 22:25	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 22:25	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 22:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 22:25	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 22:25	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 22:25	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 22:25	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 22:25	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 22:25	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 22:25	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 22:25	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 22:25	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 22:25	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 22:25	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 22:25	1
Tetrachloroethene	**1.4**		1.0	0.50	ug/L			02/28/16 22:25	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 22:25	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 22:25	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 22:25	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 22:25	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 22:25	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 22:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 22:25	1
Trichloroethene	**4.9**		1.0	0.61	ug/L			02/28/16 22:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 22:25	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 22:25	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 22:25	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 22:25	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/28/16 22:25*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/28/16 22:25*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/28/16 22:25*	*1*

Client Sample ID: EW-2021_INF

Lab Sample ID: 660-72177-21

Date Collected: 02/19/16 08:41

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 15:43	1

Client Sample ID: EW-2022_INF

Lab Sample ID: 660-72177-22

Date Collected: 02/19/16 08:29

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 22:44	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 22:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 22:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 22:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 22:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 22:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 22:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 22:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 22:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 22:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 22:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 22:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 22:44	1
Chloromethane	**2.1**	**I**	4.0	1.0	ug/L			02/28/16 22:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 22:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 22:44	1
cis-1,2-Dichloroethene	**2.5**		1.0	0.65	ug/L			02/28/16 22:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 22:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 22:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 22:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 22:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 22:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 22:44	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 22:44	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 22:44	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/28/16 22:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 22:44	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 22:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 22:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 22:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 22:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 22:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 22:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 22:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 22:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 22:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 22:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 22:44	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 22:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 22:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 22:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 22:44	1

Client Sample ID: EW-2022_INF

Lab Sample ID: 660-72177-22

Date Collected: 02/19/16 08:29

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 22:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 22:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 22:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 22:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 22:44	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 22:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 22:44	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 22:44	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 22:44	1
Tetrachloroethene	**1.8**		1.0	0.50	ug/L			02/28/16 22:44	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 22:44	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 22:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 22:44	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 22:44	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 22:44	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 22:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 22:44	1
Trichloroethene	**3.0**		1.0	0.61	ug/L			02/28/16 22:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 22:44	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 22:44	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 22:44	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 22:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/28/16 22:44*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*02/28/16 22:44*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/28/16 22:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 16:02	1

Client Sample ID: EW-2023_INF

Lab Sample ID: 660-72177-23

Date Collected: 02/19/16 08:31

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 23:03	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 23:03	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 23:03	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 23:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 23:03	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 23:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 23:03	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 23:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 23:03	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 23:03	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 23:03	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2023_INF
Date Collected: 02/19/16 08:31
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 23:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 23:03	1
Chloromethane	**1.5**	**I**	4.0	1.0	ug/L			02/28/16 23:03	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 23:03	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 23:03	1
cis-1,2-Dichloroethene	**3.2**		1.0	0.65	ug/L			02/28/16 23:03	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 23:03	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 23:03	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 23:03	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 23:03	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 23:03	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 23:03	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 23:03	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 23:03	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/28/16 23:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 23:03	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 23:03	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 23:03	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 23:03	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 23:03	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 23:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 23:03	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 23:03	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 23:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 23:03	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 23:03	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 23:03	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 23:03	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 23:03	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 23:03	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 23:03	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 23:03	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 23:03	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 23:03	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 23:03	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 23:03	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 23:03	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 23:03	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 23:03	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 23:03	1
Tetrachloroethene	**1.0**		1.0	0.50	ug/L			02/28/16 23:03	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 23:03	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 23:03	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 23:03	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 23:03	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 23:03	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 23:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 23:03	1
Trichloroethene	**2.8**		1.0	0.61	ug/L			02/28/16 23:03	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2023_INF

Lab Sample ID: 660-72177-23

Date Collected: 02/19/16 08:31

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 23:03	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 23:03	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 23:03	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 23:03	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/28/16 23:03*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/28/16 23:03*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/28/16 23:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 16:22	1

Client Sample ID: EW-2024_INF

Lab Sample ID: 660-72177-24

Date Collected: 02/19/16 08:43

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 15:29	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 15:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 15:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 15:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 15:29	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 15:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 15:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 15:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 15:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 15:29	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 15:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 15:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 15:29	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 15:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 15:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 15:29	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.65	ug/L			02/29/16 15:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 15:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 15:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 15:29	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 15:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 15:29	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 15:29	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 15:29	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 15:29	1
1,1-Dichloroethane	**2.3**		1.0	0.52	ug/L			02/29/16 15:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 15:29	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 15:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 15:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2024_INF
Date Collected: 02/19/16 08:43
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 15:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 15:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 15:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 15:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 15:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 15:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 15:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 15:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 15:29	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 15:29	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 15:29	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 15:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 15:29	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 15:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 15:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 15:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 15:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 15:29	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 15:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 15:29	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 15:29	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 15:29	1
Tetrachloroethene	**4.2**		1.0	0.50	ug/L			02/29/16 15:29	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 15:29	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 15:29	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 15:29	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 15:29	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 15:29	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 15:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 15:29	1
Trichloroethene	**24**		1.0	0.61	ug/L			02/29/16 15:29	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 15:29	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 15:29	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 15:29	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 15:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/29/16 15:29*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*02/29/16 15:29*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/29/16 15:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**	**I**	2.0	1.0	ug/L			02/23/16 16:40	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2025_INF
Date Collected: 02/19/16 08:35
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 14:33	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 14:33	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 14:33	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 14:33	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 14:33	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 14:33	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 14:33	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 14:33	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 14:33	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 14:33	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 14:33	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 14:33	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 14:33	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 14:33	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 14:33	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 14:33	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/29/16 14:33	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 14:33	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 14:33	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 14:33	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 14:33	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 14:33	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 14:33	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 14:33	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 14:33	1
1,1-Dichloroethane	**0.68**	**I**	1.0	0.52	ug/L			02/29/16 14:33	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 14:33	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 14:33	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 14:33	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 14:33	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 14:33	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 14:33	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 14:33	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 14:33	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 14:33	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 14:33	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 14:33	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 14:33	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 14:33	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 14:33	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 14:33	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 14:33	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 14:33	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 14:33	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 14:33	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 14:33	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 14:33	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 14:33	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 14:33	1

Client Sample ID: EW-2025_INF

Lab Sample ID: 660-72177-25
Matrix: Water
Date Collected: 02/19/16 08:35
Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 14:33	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 14:33	1
Tetrachloroethene	**1.7**		1.0	0.50	ug/L			02/29/16 14:33	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 14:33	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 14:33	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 14:33	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 14:33	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 14:33	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 14:33	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 14:33	1
Trichloroethene	**4.2**		1.0	0.61	ug/L			02/29/16 14:33	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 14:33	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 14:33	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 14:33	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 14:33	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*02/29/16 14:33*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/29/16 14:33*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/29/16 14:33*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 16:59	1

Client Sample ID: EW-2026_INF

Lab Sample ID: 660-72177-26
Matrix: Water
Date Collected: 02/19/16 07:46
Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 14:51	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 14:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 14:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 14:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 14:51	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 14:51	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 14:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 14:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 14:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 14:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 14:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 14:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 14:51	1
Chloromethane	**1.8**	**I**	4.0	1.0	ug/L			02/29/16 14:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 14:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 14:51	1
cis-1,2-Dichloroethene	**1.0**		1.0	0.65	ug/L			02/29/16 14:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 14:51	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2026_INF
Date Collected: 02/19/16 07:46
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 14:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 14:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 14:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 14:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 14:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 14:51	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 14:51	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 14:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 14:51	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 14:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 14:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 14:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 14:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 14:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 14:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 14:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 14:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 14:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 14:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 14:51	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 14:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 14:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 14:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 14:51	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 14:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 14:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 14:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 14:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 14:51	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 14:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 14:51	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 14:51	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 14:51	1
Tetrachloroethene	**9.6**		1.0	0.50	ug/L			02/29/16 14:51	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 14:51	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 14:51	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 14:51	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 14:51	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 14:51	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 14:51	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 14:51	1
Trichloroethene	**13**		1.0	0.61	ug/L			02/29/16 14:51	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 14:51	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 14:51	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 14:51	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 14:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/29/16 14:51*	*1*

Client Sample ID: EW-2026_INF

Lab Sample ID: 660-72177-26

Date Collected: 02/19/16 07:46

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*107*		*70 - 130*		*02/29/16 14:51*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/29/16 14:51*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 17:17	1

Client Sample ID: EW-2027_INF

Lab Sample ID: 660-72177-27

Date Collected: 02/19/16 07:39

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 15:10	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 15:10	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 15:10	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 15:10	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 15:10	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 15:10	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 15:10	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 15:10	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 15:10	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 15:10	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 15:10	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 15:10	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 15:10	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 15:10	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 15:10	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 15:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/29/16 15:10	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 15:10	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 15:10	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 15:10	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 15:10	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 15:10	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 15:10	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 15:10	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 15:10	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 15:10	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 15:10	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 15:10	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 15:10	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 15:10	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 15:10	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 15:10	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 15:10	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 15:10	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 15:10	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 15:10	1

Client Sample ID: EW-2027_INF

Date Collected: 02/19/16 07:39
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-27

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 15:10	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 15:10	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 15:10	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 15:10	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 15:10	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 15:10	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 15:10	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 15:10	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 15:10	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 15:10	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 15:10	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 15:10	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 15:10	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 15:10	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 15:10	1
Tetrachloroethene	**1.5**		1.0	0.50	ug/L			02/29/16 15:10	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 15:10	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 15:10	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 15:10	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 15:10	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 15:10	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 15:10	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 15:10	1
Trichloroethene	**10**		1.0	0.61	ug/L			02/29/16 15:10	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 15:10	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 15:10	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 15:10	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 15:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*02/29/16 15:10*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/29/16 15:10*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/29/16 15:10*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 17:36	1

Client Sample ID: EW-2028_INF

Date Collected: 02/19/16 07:44
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-28

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 16:26	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 16:26	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 16:26	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 16:26	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 16:26	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2028_INF
Date Collected: 02/19/16 07:44
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 16:26	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 16:26	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 16:26	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 16:26	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 16:26	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 16:26	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 16:26	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 16:26	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 16:26	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 16:26	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 16:26	1
cis-1,2-Dichloroethene	**6.3**		1.0	0.65	ug/L			02/29/16 16:26	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 16:26	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 16:26	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 16:26	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 16:26	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 16:26	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 16:26	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 16:26	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 16:26	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 16:26	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 16:26	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 16:26	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 16:26	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 16:26	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 16:26	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 16:26	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 16:26	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 16:26	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 16:26	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 16:26	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 16:26	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 16:26	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 16:26	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 16:26	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 16:26	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 16:26	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 16:26	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 16:26	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 16:26	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 16:26	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 16:26	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 16:26	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 16:26	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 16:26	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 16:26	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 16:26	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 16:26	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 16:26	1

Client Sample ID: EW-2028_INF

Lab Sample ID: 660-72177-28

Date Collected: 02/19/16 07:44

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 16:26	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 16:26	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 16:26	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 16:26	1
Trichloroethene	**32**		1.0	0.61	ug/L			02/29/16 16:26	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 16:26	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 16:26	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 16:26	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 16:26	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/29/16 16:26*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*02/29/16 16:26*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/29/16 16:26*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**100**		10	5.0	ug/L			02/29/16 16:07	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*02/29/16 16:07*	*10*
Dibromofluoromethane	*109*		*70 - 130*		*02/29/16 16:07*	*10*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/29/16 16:07*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 17:55	1

Client Sample ID: EW-2029_INF

Lab Sample ID: 660-72177-29

Date Collected: 02/19/16 07:56

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 15:48	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 15:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 15:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 15:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 15:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 15:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 15:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 15:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 15:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 15:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 15:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 15:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 15:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 15:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 15:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 15:48	1

Client Sample ID: EW-2029_INF
Date Collected: 02/19/16 07:56
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**2.4**		1.0	0.65	ug/L			02/29/16 15:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 15:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 15:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 15:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 15:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 15:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 15:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 15:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 15:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 15:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 15:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 15:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 15:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 15:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 15:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 15:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 15:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 15:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 15:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 15:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 15:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 15:48	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 15:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 15:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 15:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 15:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 15:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 15:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 15:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 15:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 15:48	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 15:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 15:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 15:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 15:48	1
Tetrachloroethene	**17**		1.0	0.50	ug/L			02/29/16 15:48	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 15:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 15:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 15:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 15:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 15:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 15:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 15:48	1
Trichloroethene	**26**		1.0	0.61	ug/L			02/29/16 15:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 15:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 15:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 15:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 15:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 15:48	1

Client Sample ID: EW-2029_INF

Lab Sample ID: 660-72177-29

Date Collected: 02/19/16 07:56

Matrix: Water

Date Received: 02/19/16 13:50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/29/16 15:48*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/29/16 15:48*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/29/16 15:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 18:13	1

Client Sample ID: EW-2030_INF

Lab Sample ID: 660-72177-30

Date Collected: 02/19/16 07:36

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 16:57	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 16:57	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 16:57	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 16:57	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 16:57	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 16:57	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 16:57	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 16:57	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 16:57	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 16:57	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 16:57	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 16:57	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 16:57	1
Chloromethane	**2.3**	**I**	4.0	1.0	ug/L			02/29/16 16:57	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 16:57	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 16:57	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/29/16 16:57	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 16:57	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 16:57	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 16:57	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 16:57	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 16:57	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 16:57	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 16:57	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 16:57	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 16:57	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 16:57	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 16:57	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 16:57	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 16:57	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 16:57	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 16:57	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 16:57	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 16:57	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 16:57	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 16:57	1

Client Sample ID: EW-2030_INF

Date Collected: 02/19/16 07:36
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 16:57	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 16:57	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 16:57	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 16:57	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 16:57	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 16:57	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 16:57	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 16:57	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 16:57	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 16:57	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 16:57	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 16:57	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 16:57	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 16:57	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 16:57	1
Tetrachloroethene	**1.6**		1.0	0.50	ug/L			02/29/16 16:57	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 16:57	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 16:57	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 16:57	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 16:57	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 16:57	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 16:57	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 16:57	1
Trichloroethene	**0.94**	**I**	1.0	0.61	ug/L			02/29/16 16:57	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 16:57	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 16:57	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 16:57	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 16:57	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/29/16 16:57*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*02/29/16 16:57*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/29/16 16:57*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 18:31	1

Client Sample ID: EW-2031_INF

Date Collected: 02/19/16 07:33
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 17:34	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 17:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 17:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 17:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 17:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2031_INF
Date Collected: 02/19/16 07:33
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 17:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 17:34	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 17:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 17:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 17:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 17:34	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 17:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 17:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 17:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 17:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 17:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/29/16 17:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 17:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 17:34	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 17:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 17:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 17:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 17:34	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 17:34	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 17:34	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 17:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 17:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 17:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 17:34	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 17:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 17:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 17:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 17:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 17:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 17:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 17:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 17:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 17:34	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 17:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 17:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 17:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 17:34	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 17:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 17:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 17:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 17:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 17:34	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 17:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 17:34	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 17:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 17:34	1
Tetrachloroethene	**0.94**	**I**	1.0	0.50	ug/L			02/29/16 17:34	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 17:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 17:34	1

Client Sample ID: EW-2031_INF

Lab Sample ID: 660-72177-31

Date Collected: 02/19/16 07:33

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 17:34	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 17:34	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 17:34	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 17:34	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 17:34	1
Trichloroethene	**2.6**		1.0	0.61	ug/L			02/29/16 17:34	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 17:34	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 17:34	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 17:34	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 17:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/29/16 17:34*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*02/29/16 17:34*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/29/16 17:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 18:50	1

Client Sample ID: EW-2032_INF

Lab Sample ID: 660-72177-32

Date Collected: 02/19/16 07:54

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 19:26	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 19:26	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 19:26	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 19:26	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 19:26	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 19:26	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 19:26	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 19:26	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 19:26	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 19:26	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 19:26	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 19:26	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 19:26	1
Chloromethane	**2.1**	**I**	4.0	1.0	ug/L			02/29/16 19:26	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 19:26	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 19:26	1
cis-1,2-Dichloroethene	**3.2**		1.0	0.65	ug/L			02/29/16 19:26	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 19:26	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 19:26	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 19:26	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 19:26	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 19:26	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 19:26	1

Client Sample ID: EW-2032_INF
Date Collected: 02/19/16 07:54
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 19:26	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 19:26	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 19:26	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 19:26	1
1,1-Dichloroethene	**0.71**	**I**	1.0	0.67	ug/L			02/29/16 19:26	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 19:26	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 19:26	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 19:26	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 19:26	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 19:26	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 19:26	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 19:26	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 19:26	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 19:26	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 19:26	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 19:26	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 19:26	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 19:26	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 19:26	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 19:26	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 19:26	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 19:26	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 19:26	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 19:26	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 19:26	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 19:26	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 19:26	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 19:26	1
Tetrachloroethene	**48**		1.0	0.50	ug/L			02/29/16 19:26	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 19:26	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 19:26	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 19:26	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 19:26	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 19:26	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 19:26	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 19:26	1
Trichloroethene	**56**		1.0	0.61	ug/L			02/29/16 19:26	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 19:26	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 19:26	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 19:26	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 19:26	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*02/29/16 19:26*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*02/29/16 19:26*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/29/16 19:26*	*1*

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2032_INF

Lab Sample ID: 660-72177-32

Date Collected: 02/19/16 07:54

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.5	I	2.0	1.0	ug/L			02/23/16 19:09	1

Client Sample ID: EW-2033_INF

Lab Sample ID: 660-72177-33

Date Collected: 02/19/16 07:50

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 20:22	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 20:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 20:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 20:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 20:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 20:22	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 20:22	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 20:22	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 20:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 20:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 20:22	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 20:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 20:22	1
Chloromethane	2.1	I	4.0	1.0	ug/L			02/29/16 20:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 20:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 20:22	1
cis-1,2-Dichloroethene	2.9		1.0	0.65	ug/L			02/29/16 20:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 20:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 20:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 20:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 20:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 20:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 20:22	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 20:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 20:22	1
1,1-Dichloroethane	1.1		1.0	0.52	ug/L			02/29/16 20:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 20:22	1
1,1-Dichloroethene	1.8		1.0	0.67	ug/L			02/29/16 20:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 20:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 20:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 20:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 20:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 20:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 20:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 20:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 20:22	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 20:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 20:22	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 20:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 20:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 20:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 20:22	1

Client Sample ID: EW-2033_INF

Lab Sample ID: 660-72177-33

Date Collected: 02/19/16 07:50

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 20:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 20:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 20:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 20:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 20:22	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 20:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 20:22	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 20:22	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 20:22	1
Tetrachloroethene	**55**		1.0	0.50	ug/L			02/29/16 20:22	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 20:22	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 20:22	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 20:22	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 20:22	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 20:22	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 20:22	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 20:22	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 20:22	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 20:22	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 20:22	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 20:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*02/29/16 20:22*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*02/29/16 20:22*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/29/16 20:22*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**98**		10	6.1	ug/L			02/29/16 20:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*02/29/16 20:03*	*10*
Dibromofluoromethane	*100*		*70 - 130*		*02/29/16 20:03*	*10*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/29/16 20:03*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.7**		2.0	1.0	ug/L			02/23/16 19:28	1

Client Sample ID: EW-2034_INF

Lab Sample ID: 660-72177-34

Date Collected: 02/17/16 13:41

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 17:53	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 17:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 17:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 17:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2034_INF
Date Collected: 02/17/16 13:41
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 17:53	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 17:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 17:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 17:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 17:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 17:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 17:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 17:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 17:53	1
Chloromethane	**1.0**	**I**	4.0	1.0	ug/L			02/29/16 17:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 17:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 17:53	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/29/16 17:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 17:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 17:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 17:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 17:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 17:53	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 17:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 17:53	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 17:53	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 17:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 17:53	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 17:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 17:53	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 17:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 17:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 17:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 17:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 17:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 17:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 17:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 17:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 17:53	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 17:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 17:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 17:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 17:53	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 17:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 17:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 17:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 17:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 17:53	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 17:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 17:53	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 17:53	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 17:53	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/29/16 17:53	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 17:53	1

Client Sample ID: EW-2034_INF

Lab Sample ID: 660-72177-34

Date Collected: 02/17/16 13:41

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 17:53	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 17:53	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 17:53	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 17:53	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 17:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 17:53	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/29/16 17:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 17:53	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 17:53	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 17:53	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 17:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*02/29/16 17:53*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*02/29/16 17:53*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/29/16 17:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 19:46	1

Client Sample ID: EW-2035_INF

Lab Sample ID: 660-72177-35

Date Collected: 02/18/16 11:05

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 18:12	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 18:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 18:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 18:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 18:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 18:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 18:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 18:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 18:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 18:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 18:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 18:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 18:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 18:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 18:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 18:12	1
cis-1,2-Dichloroethene	**2.7**		1.0	0.65	ug/L			02/29/16 18:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 18:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 18:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 18:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 18:12	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 18:12	1

Client Sample ID: EW-2035_INF
Date Collected: 02/18/16 11:05
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 18:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 18:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 18:12	1
1,1-Dichloroethane	**3.6**		1.0	0.52	ug/L			02/29/16 18:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 18:12	1
1,1-Dichloroethene	**5.1**		1.0	0.67	ug/L			02/29/16 18:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 18:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 18:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 18:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 18:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 18:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 18:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 18:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 18:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 18:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 18:12	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 18:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 18:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 18:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 18:12	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 18:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 18:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 18:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 18:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 18:12	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 18:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 18:12	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 18:12	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 18:12	1
Tetrachloroethene	**14**		1.0	0.50	ug/L			02/29/16 18:12	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 18:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 18:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 18:12	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 18:12	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 18:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 18:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 18:12	1
Trichloroethene	**6.9**		1.0	0.61	ug/L			02/29/16 18:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 18:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 18:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 18:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 18:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*02/29/16 18:12*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*02/29/16 18:12*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/29/16 18:12*	*1*

Client Sample ID: EW-2035_INF

Lab Sample ID: 660-72177-35

Date Collected: 02/18/16 11:05

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.9**		2.0	1.0	ug/L			02/23/16 20:05	1

Client Sample ID: EW-2036_INF

Lab Sample ID: 660-72177-36

Date Collected: 02/18/16 13:10

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 18:30	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 18:30	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 18:30	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 18:30	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 18:30	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 18:30	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 18:30	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 18:30	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 18:30	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 18:30	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 18:30	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 18:30	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 18:30	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 18:30	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 18:30	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 18:30	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/29/16 18:30	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 18:30	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 18:30	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 18:30	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 18:30	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 18:30	1
1,4-Dichlorobenzene	**1.3**		1.0	0.60	ug/L			02/29/16 18:30	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 18:30	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 18:30	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 18:30	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 18:30	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 18:30	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 18:30	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 18:30	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 18:30	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 18:30	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 18:30	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 18:30	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 18:30	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 18:30	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 18:30	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 18:30	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 18:30	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 18:30	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 18:30	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 18:30	1

Client Sample ID: EW-2036_INF

Lab Sample ID: 660-72177-36

Date Collected: 02/18/16 13:10

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 18:30	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 18:30	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 18:30	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 18:30	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 18:30	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 18:30	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 18:30	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 18:30	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 18:30	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/29/16 18:30	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 18:30	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 18:30	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 18:30	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 18:30	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 18:30	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 18:30	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 18:30	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/29/16 18:30	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 18:30	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 18:30	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 18:30	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 18:30	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*02/29/16 18:30*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*02/29/16 18:30*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/29/16 18:30*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 20:24	1

Client Sample ID: EW-2037_INF

Lab Sample ID: 660-72177-37

Date Collected: 02/18/16 14:02

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 18:49	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 18:49	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 18:49	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 18:49	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 18:49	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 18:49	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 18:49	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 18:49	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 18:49	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 18:49	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 18:49	1

Client Sample ID: EW-2037_INF
Date Collected: 02/18/16 14:02
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-37
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 18:49	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 18:49	1
Chloromethane	**1.1**	**I**	4.0	1.0	ug/L			02/29/16 18:49	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 18:49	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 18:49	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/29/16 18:49	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 18:49	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 18:49	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 18:49	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 18:49	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 18:49	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 18:49	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 18:49	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 18:49	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 18:49	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 18:49	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 18:49	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 18:49	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 18:49	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 18:49	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 18:49	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 18:49	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 18:49	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 18:49	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 18:49	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 18:49	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 18:49	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 18:49	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 18:49	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 18:49	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 18:49	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 18:49	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 18:49	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 18:49	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 18:49	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 18:49	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 18:49	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 18:49	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 18:49	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 18:49	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/29/16 18:49	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 18:49	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 18:49	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 18:49	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 18:49	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 18:49	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 18:49	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 18:49	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/29/16 18:49	1

Client Sample ID: EW-2037_INF

Lab Sample ID: 660-72177-37

Date Collected: 02/18/16 14:02

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 18:49	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 18:49	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 18:49	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 18:49	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*02/29/16 18:49*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*02/29/16 18:49*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/29/16 18:49*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**	**I**	2.0	1.0	ug/L			02/23/16 20:43	1

Client Sample ID: EW-3001_INF

Lab Sample ID: 660-72177-38

Date Collected: 02/17/16 14:15

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 19:07	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 19:07	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 19:07	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 19:07	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 19:07	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 19:07	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 19:07	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 19:07	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 19:07	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 19:07	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 19:07	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 19:07	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 19:07	1
Chloromethane	**2.0**	**I**	4.0	1.0	ug/L			02/29/16 19:07	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 19:07	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 19:07	1
cis-1,2-Dichloroethene	**9.1**		1.0	0.65	ug/L			02/29/16 19:07	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 19:07	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 19:07	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 19:07	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 19:07	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 19:07	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 19:07	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 19:07	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 19:07	1
1,1-Dichloroethane	**3.3**		1.0	0.52	ug/L			02/29/16 19:07	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 19:07	1
1,1-Dichloroethene	**10**		1.0	0.67	ug/L			02/29/16 19:07	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 19:07	1

Client Sample ID: EW-3001_INF
Date Collected: 02/17/16 14:15
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 19:07	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 19:07	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 19:07	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 19:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 19:07	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 19:07	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 19:07	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 19:07	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 19:07	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 19:07	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 19:07	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 19:07	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 19:07	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 19:07	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 19:07	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 19:07	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 19:07	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 19:07	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 19:07	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 19:07	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 19:07	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 19:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/29/16 19:07	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 19:07	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 19:07	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 19:07	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 19:07	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 19:07	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 19:07	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 19:07	1
Trichloroethene	**13**		1.0	0.61	ug/L			02/29/16 19:07	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 19:07	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 19:07	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 19:07	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 19:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*02/29/16 19:07*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*02/29/16 19:07*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/29/16 19:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**26**		2.0	1.0	ug/L			02/24/16 13:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3002_INF
Date Collected: 02/17/16 14:05
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 02:34	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 02:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 02:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 02:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 02:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 02:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 02:34	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 02:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 02:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 02:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 02:34	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 02:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 02:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 02:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 02:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 02:34	1
cis-1,2-Dichloroethene	**33**		1.0	0.65	ug/L			03/01/16 02:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 02:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 02:34	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 02:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 02:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 02:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 02:34	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 02:34	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 02:34	1
1,1-Dichloroethane	**21**		1.0	0.52	ug/L			03/01/16 02:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 02:34	1
1,1-Dichloroethene	**58**		1.0	0.67	ug/L			03/01/16 02:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 02:34	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 02:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 02:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 02:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 02:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 02:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 02:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 02:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 02:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 02:34	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 02:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 02:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 02:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 02:34	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 02:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 02:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 02:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 02:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 02:34	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 02:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 02:34	1

Client Sample ID: EW-3002_INF

Lab Sample ID: 660-72177-39

Date Collected: 02/17/16 14:05

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 02:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 02:34	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 02:34	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 02:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 02:34	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 02:34	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 02:34	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 02:34	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 02:34	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 02:34	1
Trichloroethene	**4.8**		1.0	0.61	ug/L			03/01/16 02:34	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 02:34	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 02:34	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 02:34	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 02:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 02:34*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/01/16 02:34*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/01/16 02:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**73**		2.0	1.0	ug/L			02/24/16 14:56	1

Client Sample ID: EW-3003_INF

Lab Sample ID: 660-72177-40

Date Collected: 02/17/16 13:59

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 22:46	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 22:46	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 22:46	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 22:46	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 22:46	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 22:46	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 22:46	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 22:46	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 22:46	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 22:46	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 22:46	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 22:46	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 22:46	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 22:46	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 22:46	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 22:46	1
cis-1,2-Dichloroethene	**13**		1.0	0.65	ug/L			02/29/16 22:46	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 22:46	1

Client Sample ID: EW-3003_INF
Date Collected: 02/17/16 13:59
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 22:46	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 22:46	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 22:46	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 22:46	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 22:46	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 22:46	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 22:46	1
1,1-Dichloroethane	**8.8**		1.0	0.52	ug/L			02/29/16 22:46	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 22:46	1
1,1-Dichloroethene	**29**		1.0	0.67	ug/L			02/29/16 22:46	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 22:46	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 22:46	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 22:46	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 22:46	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 22:46	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 22:46	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 22:46	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 22:46	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 22:46	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 22:46	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 22:46	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 22:46	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 22:46	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 22:46	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 22:46	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 22:46	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 22:46	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 22:46	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 22:46	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 22:46	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 22:46	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 22:46	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 22:46	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/29/16 22:46	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 22:46	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 22:46	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 22:46	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 22:46	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 22:46	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 22:46	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 22:46	1
Trichloroethene	**9.4**		1.0	0.61	ug/L			02/29/16 22:46	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 22:46	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 22:46	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 22:46	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 22:46	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/29/16 22:46*	*1*

Client Sample ID: EW-3003_INF

Lab Sample ID: 660-72177-40

Date Collected: 02/17/16 13:59

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*109*		*70 - 130*		*02/29/16 22:46*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/29/16 22:46*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**37**		2.0	1.0	ug/L			02/24/16 15:34	1

Client Sample ID: EW-3004_INF

Lab Sample ID: 660-72177-41

Date Collected: 02/19/16 09:05

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 01:18	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 01:18	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 01:18	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 01:18	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 01:18	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 01:18	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 01:18	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 01:18	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 01:18	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 01:18	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 01:18	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 01:18	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 01:18	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 01:18	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 01:18	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 01:18	1
cis-1,2-Dichloroethene	**48**		1.0	0.65	ug/L			03/01/16 01:18	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 01:18	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 01:18	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 01:18	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 01:18	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 01:18	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 01:18	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 01:18	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 01:18	1
1,1-Dichloroethane	**4.6**		1.0	0.52	ug/L			03/01/16 01:18	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 01:18	1
1,1-Dichloroethene	**9.9**		1.0	0.67	ug/L			03/01/16 01:18	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 01:18	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 01:18	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 01:18	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 01:18	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 01:18	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 01:18	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 01:18	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 01:18	1

Client Sample ID: EW-3004_INF

Lab Sample ID: 660-72177-41

Date Collected: 02/19/16 09:05

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 01:18	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 01:18	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 01:18	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 01:18	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 01:18	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 01:18	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 01:18	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 01:18	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 01:18	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 01:18	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 01:18	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 01:18	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 01:18	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 01:18	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 01:18	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 01:18	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 01:18	1
trans-1,2-Dichloroethene	**3.4**		1.0	0.67	ug/L			03/01/16 01:18	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 01:18	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 01:18	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 01:18	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 01:18	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 01:18	1
Trichloroethene	**88**		1.0	0.61	ug/L			03/01/16 01:18	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 01:18	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 01:18	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 01:18	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 01:18	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/01/16 01:18*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/01/16 01:18*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/01/16 01:18*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**27**		2.0	1.0	ug/L			02/24/16 15:55	1

Client Sample ID: EW-3005_INF

Lab Sample ID: 660-72177-42

Date Collected: 02/19/16 08:39

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 03:50	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 03:50	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 03:50	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 03:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 03:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3005_INF
Date Collected: 02/19/16 08:39
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-42
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 03:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 03:50	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 03:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 03:50	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 03:50	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 03:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 03:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 03:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 03:50	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 03:50	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 03:50	1
cis-1,2-Dichloroethene	**31**		1.0	0.65	ug/L			03/01/16 03:50	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 03:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 03:50	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 03:50	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 03:50	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 03:50	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 03:50	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 03:50	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 03:50	1
1,1-Dichloroethane	**16**		1.0	0.52	ug/L			03/01/16 03:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 03:50	1
1,1-Dichloroethene	**67**		1.0	0.67	ug/L			03/01/16 03:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 03:50	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 03:50	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 03:50	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 03:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 03:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 03:50	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 03:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 03:50	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 03:50	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 03:50	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 03:50	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 03:50	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 03:50	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 03:50	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 03:50	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 03:50	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 03:50	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 03:50	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 03:50	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 03:50	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 03:50	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 03:50	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 03:50	1
Tetrachloroethene	**1.9**		1.0	0.50	ug/L			03/01/16 03:50	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 03:50	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 03:50	1

Client Sample ID: EW-3005_INF

Lab Sample ID: 660-72177-42

Date Collected: 02/19/16 08:39

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 03:50	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 03:50	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 03:50	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 03:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 03:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 03:50	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 03:50	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 03:50	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 03:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/01/16 03:50*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/01/16 03:50*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/01/16 03:50*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**350**		10	6.1	ug/L			03/01/16 03:12	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/01/16 03:12*	*10*
Dibromofluoromethane	*110*		*70 - 130*		*03/01/16 03:12*	*10*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/01/16 03:12*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**16**		2.0	1.0	ug/L			02/24/16 16:13	1

Client Sample ID: EW-3006_INF

Lab Sample ID: 660-72177-43

Date Collected: 02/19/16 09:16

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 04:28	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 04:28	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 04:28	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 04:28	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 04:28	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 04:28	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 04:28	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 04:28	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 04:28	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 04:28	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 04:28	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 04:28	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 04:28	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 04:28	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 04:28	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 04:28	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3006_INF
Date Collected: 02/19/16 09:16
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-43
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 04:28	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 04:28	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 04:28	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 04:28	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 04:28	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 04:28	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 04:28	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 04:28	1
1,1-Dichloroethane	**6.7**		1.0	0.52	ug/L			03/01/16 04:28	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 04:28	1
1,1-Dichloroethene	**6.6**		1.0	0.67	ug/L			03/01/16 04:28	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 04:28	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 04:28	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 04:28	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 04:28	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 04:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 04:28	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 04:28	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 04:28	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 04:28	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 04:28	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 04:28	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 04:28	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 04:28	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 04:28	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 04:28	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 04:28	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 04:28	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 04:28	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 04:28	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 04:28	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 04:28	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 04:28	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 04:28	1
Tetrachloroethene	**1.0**		1.0	0.50	ug/L			03/01/16 04:28	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 04:28	1
trans-1,2-Dichloroethene	**0.75**	**I**	1.0	0.67	ug/L			03/01/16 04:28	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 04:28	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 04:28	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 04:28	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 04:28	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 04:28	1
Trichloroethene	**53**		1.0	0.61	ug/L			03/01/16 04:28	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 04:28	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 04:28	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 04:28	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 04:28	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 04:28	1

Client Sample ID: EW-3006_INF

Lab Sample ID: 660-72177-43

Date Collected: 02/19/16 09:16

Matrix: Water

Date Received: 02/19/16 13:50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/01/16 04:28*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*03/01/16 04:28*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/01/16 04:28*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**220**		5.0	3.3	ug/L			03/01/16 03:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/01/16 03:31*	*5*
Dibromofluoromethane	*106*		*70 - 130*		*03/01/16 03:31*	*5*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/01/16 03:31*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.4**		2.0	1.0	ug/L			02/24/16 16:33	1

Client Sample ID: EW-3007_INF

Lab Sample ID: 660-72177-44

Date Collected: 02/19/16 08:37

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 01:37	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 01:37	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 01:37	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 01:37	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 01:37	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 01:37	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 01:37	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 01:37	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 01:37	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 01:37	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 01:37	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 01:37	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 01:37	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 01:37	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 01:37	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 01:37	1
cis-1,2-Dichloroethene	**48**		1.0	0.65	ug/L			03/01/16 01:37	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 01:37	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 01:37	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 01:37	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 01:37	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 01:37	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 01:37	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 01:37	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 01:37	1
1,1-Dichloroethane	**2.8**		1.0	0.52	ug/L			03/01/16 01:37	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 01:37	1
1,1-Dichloroethene	**18**		1.0	0.67	ug/L			03/01/16 01:37	1

Client Sample ID: EW-3007_INF
Date Collected: 02/19/16 08:37
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-44
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 01:37	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 01:37	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 01:37	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 01:37	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 01:37	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 01:37	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 01:37	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 01:37	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 01:37	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 01:37	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 01:37	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 01:37	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 01:37	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 01:37	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 01:37	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 01:37	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 01:37	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 01:37	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 01:37	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 01:37	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 01:37	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 01:37	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 01:37	1
Tetrachloroethene	**2.6**		1.0	0.50	ug/L			03/01/16 01:37	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 01:37	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 01:37	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 01:37	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 01:37	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 01:37	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 01:37	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 01:37	1
Trichloroethene	**78**		1.0	0.61	ug/L			03/01/16 01:37	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 01:37	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 01:37	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 01:37	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 01:37	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 01:37*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/01/16 01:37*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/01/16 01:37*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**18**		2.0	1.0	ug/L			02/24/16 16:52	1

Client Sample ID: EW-3008_INF
Date Collected: 02/19/16 08:27
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-45
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 04:09	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 04:09	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 04:09	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 04:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 04:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 04:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 04:09	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 04:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 04:09	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 04:09	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 04:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 04:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 04:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 04:09	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 04:09	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 04:09	1
cis-1,2-Dichloroethene	**94**		1.0	0.65	ug/L			03/01/16 04:09	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 04:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 04:09	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 04:09	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 04:09	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 04:09	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 04:09	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 04:09	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 04:09	1
1,1-Dichloroethane	**7.1**		1.0	0.52	ug/L			03/01/16 04:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 04:09	1
1,1-Dichloroethene	**20**		1.0	0.67	ug/L			03/01/16 04:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 04:09	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 04:09	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 04:09	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 04:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 04:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 04:09	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 04:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 04:09	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 04:09	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 04:09	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 04:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 04:09	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 04:09	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 04:09	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 04:09	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 04:09	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 04:09	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 04:09	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 04:09	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 04:09	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 04:09	1

Client Sample ID: EW-3008_INF

Date Collected: 02/19/16 08:27
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-45

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 04:09	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 04:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 04:09	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 04:09	1
trans-1,2-Dichloroethene	**6.7**		1.0	0.67	ug/L			03/01/16 04:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 04:09	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 04:09	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 04:09	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 04:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 04:09	1
Trichloroethene	**77**		1.0	0.61	ug/L			03/01/16 04:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 04:09	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 04:09	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 04:09	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 04:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 04:09*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/01/16 04:09*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/01/16 04:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**66**		4.0	2.0	ug/L			02/24/16 17:10	2

Client Sample ID: EW-3009_INF

Date Collected: 02/19/16 07:42
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-46

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 05:44	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 05:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 05:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 05:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 05:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 05:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 05:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 05:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 05:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 05:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 05:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 05:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 05:44	1
Chloromethane	**1.5**	**I**	4.0	1.0	ug/L			03/01/16 05:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 05:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 05:44	1
cis-1,2-Dichloroethene	**91**		1.0	0.65	ug/L			03/01/16 05:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 05:44	1

Client Sample ID: EW-3009_INF
Date Collected: 02/19/16 07:42
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-46
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 05:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 05:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 05:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 05:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 05:44	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 05:44	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 05:44	1
1,1-Dichloroethane	**26**		1.0	0.52	ug/L			03/01/16 05:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 05:44	1
1,1-Dichloroethene	**42**		1.0	0.67	ug/L			03/01/16 05:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 05:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 05:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 05:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 05:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 05:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 05:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 05:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 05:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 05:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 05:44	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 05:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 05:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 05:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 05:44	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 05:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 05:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 05:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 05:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 05:44	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 05:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 05:44	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 05:44	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 05:44	1
Tetrachloroethene	**2.0**		1.0	0.50	ug/L			03/01/16 05:44	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 05:44	1
trans-1,2-Dichloroethene	**2.0**		1.0	0.67	ug/L			03/01/16 05:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 05:44	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 05:44	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 05:44	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 05:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 05:44	1
Trichloroethene	**74**		1.0	0.61	ug/L			03/01/16 05:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 05:44	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 05:44	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 05:44	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 05:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 05:44*	*1*

Client Sample ID: EW-3009_INF

Lab Sample ID: 660-72177-46

Date Collected: 02/19/16 07:42

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*104*		*70 - 130*		*03/01/16 05:44*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/01/16 05:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**140**		10	5.0	ug/L			02/24/16 17:29	5

Client Sample ID: EW-3010_INF

Lab Sample ID: 660-72177-47

Date Collected: 02/19/16 07:58

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 15:22	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 15:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 15:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 15:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 15:22	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 15:22	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 15:22	1
Chlorobenzene	**0.95**	**I**	1.0	0.63	ug/L			03/01/16 15:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 15:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 15:22	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 15:22	1
Chloromethane	**1.7**	**I**	4.0	1.0	ug/L			03/01/16 15:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 15:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 15:22	1
cis-1,2-Dichloroethene	**11**		1.0	0.65	ug/L			03/01/16 15:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 15:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 15:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 15:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 15:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 15:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 15:22	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 15:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:22	1
1,1-Dichloroethane	**17**		1.0	0.52	ug/L			03/01/16 15:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 15:22	1
1,1-Dichloroethene	**91**		1.0	0.67	ug/L			03/01/16 15:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 15:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 15:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 15:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 15:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 15:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 15:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 15:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 15:22	1

Client Sample ID: EW-3010_INF

Lab Sample ID: 660-72177-47

Date Collected: 02/19/16 07:58

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 15:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 15:22	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 15:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 15:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 15:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 15:22	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 15:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 15:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 15:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 15:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 15:22	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 15:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 15:22	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 15:22	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 15:22	1
Tetrachloroethene	**1.0**		1.0	0.50	ug/L			03/01/16 15:22	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 15:22	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 15:22	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 15:22	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 15:22	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 15:22	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 15:22	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 15:22	1
Trichloroethene	**17**		1.0	0.61	ug/L			03/01/16 15:22	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:22	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 15:22	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 15:22	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 15:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 15:22*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/01/16 15:22*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/01/16 15:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**110**		4.0	2.0	ug/L			02/24/16 17:47	2

Client Sample ID: EW-3011_INF

Lab Sample ID: 660-72177-48

Date Collected: 02/17/16 13:36

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 02:53	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 02:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 02:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 02:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 02:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3011_INF
Date Collected: 02/17/16 13:36
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-48
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 02:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 02:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 02:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 02:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 02:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 02:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 02:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 02:53	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 02:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 02:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 02:53	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.65	ug/L			03/01/16 02:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 02:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 02:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 02:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 02:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 02:53	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 02:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 02:53	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 02:53	1
1,1-Dichloroethane	**4.8**		1.0	0.52	ug/L			03/01/16 02:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 02:53	1
1,1-Dichloroethene	**14**		1.0	0.67	ug/L			03/01/16 02:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 02:53	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 02:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 02:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 02:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 02:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 02:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 02:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 02:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 02:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 02:53	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 02:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 02:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 02:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 02:53	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 02:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 02:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 02:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 02:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 02:53	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 02:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 02:53	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 02:53	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 02:53	1
Tetrachloroethene	**2.9**		1.0	0.50	ug/L			03/01/16 02:53	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 02:53	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 02:53	1

Client Sample ID: EW-3011_INF

Lab Sample ID: 660-72177-48

Date Collected: 02/17/16 13:36

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 02:53	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 02:53	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 02:53	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 02:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 02:53	1
Trichloroethene	**7.6**		1.0	0.61	ug/L			03/01/16 02:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 02:53	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 02:53	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 02:53	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 02:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/01/16 02:53*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/01/16 02:53*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/01/16 02:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**11**		2.0	1.0	ug/L			02/26/16 15:03	1

Client Sample ID: EW-3012_INF

Lab Sample ID: 660-72177-49

Date Collected: 02/18/16 07:09

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	100	50	ug/L			03/01/16 16:28	5
Benzene	2.5	U	5.0	2.5	ug/L			03/01/16 16:28	5
Bromobenzene	2.9	U	5.0	2.9	ug/L			03/01/16 16:28	5
Bromoform	3.2	U	5.0	3.2	ug/L			03/01/16 16:28	5
Bromomethane	13	U	25	13	ug/L			03/01/16 16:28	5
2-Butanone (MEK)	42	U	50	42	ug/L			03/01/16 16:28	5
Carbon disulfide	5.0	U	10	5.0	ug/L			03/01/16 16:28	5
Carbon tetrachloride	2.2	U	5.0	2.2	ug/L			03/01/16 16:28	5
Chlorobenzene	3.2	U	5.0	3.2	ug/L			03/01/16 16:28	5
Chlorobromomethane	2.9	U	5.0	2.9	ug/L			03/01/16 16:28	5
Chlorodibromomethane	1.6	U	5.0	1.6	ug/L			03/01/16 16:28	5
Chloroethane	13	U	25	13	ug/L			03/01/16 16:28	5
Chloroform	4.5	U	5.0	4.5	ug/L			03/01/16 16:28	5
Chloromethane	5.0	U	20	5.0	ug/L			03/01/16 16:28	5
2-Chlorotoluene	3.3	U	5.0	3.3	ug/L			03/01/16 16:28	5
4-Chlorotoluene	2.6	U	5.0	2.6	ug/L			03/01/16 16:28	5
cis-1,2-Dichloroethene	**12**		5.0	3.3	ug/L			03/01/16 16:28	5
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/L			03/01/16 16:28	5
1,2-Dibromo-3-Chloropropane	13	U	25	13	ug/L			03/01/16 16:28	5
Dibromomethane	2.3	U	5.0	2.3	ug/L			03/01/16 16:28	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			03/01/16 16:28	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			03/01/16 16:28	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			03/01/16 16:28	5

Client Sample ID: EW-3012_INF
Date Collected: 02/18/16 07:09
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-49
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			03/01/16 16:28	5
Dichlorodifluoromethane	13	U	25	13	ug/L			03/01/16 16:28	5
1,1-Dichloroethane	**91**		5.0	2.6	ug/L			03/01/16 16:28	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			03/01/16 16:28	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			03/01/16 16:28	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			03/01/16 16:28	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			03/01/16 16:28	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			03/01/16 16:28	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			03/01/16 16:28	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			03/01/16 16:28	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			03/01/16 16:28	5
2-Hexanone	22	U	50	22	ug/L			03/01/16 16:28	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			03/01/16 16:28	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			03/01/16 16:28	5
Methylene Chloride	20	U	25	20	ug/L			03/01/16 16:28	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			03/01/16 16:28	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			03/01/16 16:28	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			03/01/16 16:28	5
Naphthalene	13	U	25	13	ug/L			03/01/16 16:28	5
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			03/01/16 16:28	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			03/01/16 16:28	5
o-Xylene	2.5	U	5.0	2.5	ug/L			03/01/16 16:28	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			03/01/16 16:28	5
Styrene	4.9	U	10	4.9	ug/L			03/01/16 16:28	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			03/01/16 16:28	5
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			03/01/16 16:28	5
1,1,2,2-Tetrachloroethane	0.85	U	5.0	0.85	ug/L			03/01/16 16:28	5
Tetrachloroethene	**77**		5.0	2.5	ug/L			03/01/16 16:28	5
Toluene	2.6	U	5.0	2.6	ug/L			03/01/16 16:28	5
trans-1,2-Dichloroethene	3.4	U	5.0	3.4	ug/L			03/01/16 16:28	5
trans-1,3-Dichloropropene	1.4	U	5.0	1.4	ug/L			03/01/16 16:28	5
1,2,3-Trichlorobenzene	3.9	U	5.0	3.9	ug/L			03/01/16 16:28	5
1,2,4-Trichlorobenzene	2.9	U	5.0	2.9	ug/L			03/01/16 16:28	5
1,1,1-Trichloroethane	2.4	U	5.0	2.4	ug/L			03/01/16 16:28	5
1,1,2-Trichloroethane	2.4	U	5.0	2.4	ug/L			03/01/16 16:28	5
Trichloroethene	**160**		5.0	3.1	ug/L			03/01/16 16:28	5
Trichlorofluoromethane	13	U	25	13	ug/L			03/01/16 16:28	5
1,2,3-Trichloropropane	2.2	U	5.0	2.2	ug/L			03/01/16 16:28	5
1,2,4-Trimethylbenzene	4.3	U	5.0	4.3	ug/L			03/01/16 16:28	5
1,3,5-Trimethylbenzene	2.7	U	5.0	2.7	ug/L			03/01/16 16:28	5
Vinyl chloride	**4.2**	**I**	5.0	3.6	ug/L			03/01/16 16:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 16:28*	*5*
Dibromofluoromethane	*100*		*70 - 130*		*03/01/16 16:28*	*5*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/01/16 16:28*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**580**		50	34	ug/L			03/01/16 14:37	50

Client Sample ID: EW-3012_INF

Lab Sample ID: 660-72177-49

Date Collected: 02/18/16 07:09

Matrix: Water

Date Received: 02/19/16 13:50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/01/16 14:37*	*50*
Dibromofluoromethane	*99*		*70 - 130*		*03/01/16 14:37*	*50*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/01/16 14:37*	*50*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**150**		10	5.0	ug/L			02/24/16 18:26	5

Client Sample ID: EW-3013_INF

Lab Sample ID: 660-72177-50

Date Collected: 02/18/16 07:15

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 16:09	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 16:09	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 16:09	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 16:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 16:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 16:09	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 16:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 16:09	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 16:09	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 16:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 16:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 16:09	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 16:09	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 16:09	1
cis-1,2-Dichloroethene	**5.0**		1.0	0.65	ug/L			03/01/16 16:09	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 16:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 16:09	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 16:09	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 16:09	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 16:09	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 16:09	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 16:09	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:09	1
1,1-Dichloroethane	**19**		1.0	0.52	ug/L			03/01/16 16:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 16:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 16:09	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 16:09	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 16:09	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 16:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 16:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 16:09	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 16:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 16:09	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 16:09	1

Client Sample ID: EW-3013_INF
Date Collected: 02/18/16 07:15
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-50
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 16:09	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 16:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 16:09	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 16:09	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 16:09	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 16:09	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 16:09	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 16:09	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 16:09	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 16:09	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 16:09	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 16:09	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 16:09	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 16:09	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 16:09	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 16:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 16:09	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 16:09	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 16:09	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 16:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 16:09	1
Trichloroethene	**91**		1.0	0.61	ug/L			03/01/16 16:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:09	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 16:09	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 16:09	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 16:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 16:09*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/01/16 16:09*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/01/16 16:09*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**97**		10	6.7	ug/L			03/01/16 14:55	10
Tetrachloroethene	**130**		10	5.0	ug/L			03/01/16 14:55	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/01/16 14:55*	*10*
Dibromofluoromethane	*102*		*70 - 130*		*03/01/16 14:55*	*10*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/01/16 14:55*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**30**		2.0	1.0	ug/L			02/24/16 18:45	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3014_INF
Date Collected: 02/18/16 07:19
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-51
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 23:05	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 23:05	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 23:05	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 23:05	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 23:05	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 23:05	1
Carbon disulfide	**4.3**		2.0	1.0	ug/L			02/29/16 23:05	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 23:05	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 23:05	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 23:05	1
Chlorodibromomethane	0.31	U J3	1.0	0.31	ug/L			02/29/16 23:05	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 23:05	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 23:05	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 23:05	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 23:05	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 23:05	1
cis-1,2-Dichloroethene	**4.3**		1.0	0.65	ug/L			02/29/16 23:05	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 23:05	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 23:05	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 23:05	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 23:05	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 23:05	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 23:05	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 23:05	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 23:05	1
1,1-Dichloroethane	**3.6**		1.0	0.52	ug/L			02/29/16 23:05	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 23:05	1
1,1-Dichloroethene	**8.7**		1.0	0.67	ug/L			02/29/16 23:05	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 23:05	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 23:05	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 23:05	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 23:05	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 23:05	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 23:05	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 23:05	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 23:05	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 23:05	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 23:05	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 23:05	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 23:05	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 23:05	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 23:05	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 23:05	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 23:05	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 23:05	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 23:05	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 23:05	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 23:05	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 23:05	1

Client Sample ID: EW-3014_INF

Lab Sample ID: 660-72177-51

Date Collected: 02/18/16 07:19

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 23:05	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 23:05	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/29/16 23:05	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 23:05	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 23:05	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 23:05	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 23:05	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 23:05	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 23:05	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 23:05	1
Trichloroethene	**11**		1.0	0.61	ug/L			02/29/16 23:05	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 23:05	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 23:05	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 23:05	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 23:05	1
Vinyl chloride	**11**		1.0	0.71	ug/L			02/29/16 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*02/29/16 23:05*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*02/29/16 23:05*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/29/16 23:05*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**12**		2.0	1.0	ug/L			02/24/16 19:03	1

Client Sample ID: EW-3015_INF

Lab Sample ID: 660-72177-52

Date Collected: 02/18/16 07:22

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/02/16 14:43	1
Benzene	0.50	U	1.0	0.50	ug/L			03/02/16 14:43	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/02/16 14:43	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/02/16 14:43	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/02/16 14:43	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/02/16 14:43	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/02/16 14:43	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/02/16 14:43	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/02/16 14:43	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/02/16 14:43	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/02/16 14:43	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/02/16 14:43	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/02/16 14:43	1
Chloromethane	**2.7**	**I**	4.0	1.0	ug/L			03/02/16 14:43	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/02/16 14:43	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/02/16 14:43	1
cis-1,2-Dichloroethene	**6.1**		1.0	0.65	ug/L			03/02/16 14:43	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/02/16 14:43	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3015_INF
Date Collected: 02/18/16 07:22
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-52
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/02/16 14:43	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/02/16 14:43	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/02/16 14:43	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/02/16 14:43	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/02/16 14:43	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/02/16 14:43	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/02/16 14:43	1
1,1-Dichloroethane	**34**		1.0	0.52	ug/L			03/02/16 14:43	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/02/16 14:43	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/02/16 14:43	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/02/16 14:43	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/02/16 14:43	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/02/16 14:43	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/02/16 14:43	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/02/16 14:43	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/02/16 14:43	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/02/16 14:43	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/02/16 14:43	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/02/16 14:43	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/02/16 14:43	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/02/16 14:43	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/02/16 14:43	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/02/16 14:43	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/02/16 14:43	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/02/16 14:43	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/02/16 14:43	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/02/16 14:43	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/02/16 14:43	1
Styrene	0.98	U	2.0	0.98	ug/L			03/02/16 14:43	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/02/16 14:43	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/02/16 14:43	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/02/16 14:43	1
Tetrachloroethene	**21**		1.0	0.50	ug/L			03/02/16 14:43	1
Toluene	0.51	U	1.0	0.51	ug/L			03/02/16 14:43	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/02/16 14:43	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/02/16 14:43	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/02/16 14:43	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/02/16 14:43	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/02/16 14:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/02/16 14:43	1
Trichloroethene	**76**		1.0	0.61	ug/L			03/02/16 14:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/02/16 14:43	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/02/16 14:43	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/02/16 14:43	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/02/16 14:43	1
Vinyl chloride	**1.5**		1.0	0.71	ug/L			03/02/16 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/02/16 14:43*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/02/16 14:43*	*1*

Client Sample ID: EW-3015_INF

Lab Sample ID: 660-72177-52

Date Collected: 02/18/16 07:22

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/02/16 14:43*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**170**		10	6.7	ug/L			03/02/16 10:42	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/02/16 10:42*	*10*
Dibromofluoromethane	*105*		*70 - 130*		*03/02/16 10:42*	*10*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/02/16 10:42*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**230**		10	5.0	ug/L			02/24/16 19:22	5

Client Sample ID: EW-3016_INF

Lab Sample ID: 660-72177-53

Date Collected: 02/18/16 07:28

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 12:12	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 12:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 12:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 12:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 12:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 12:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 12:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 12:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 12:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 12:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 12:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 12:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 12:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 12:12	1
cis-1,2-Dichloroethene	**2.0**		1.0	0.65	ug/L			03/01/16 12:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 12:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 12:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 12:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 12:12	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 12:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 12:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 12:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:12	1
1,1-Dichloroethane	**48**		1.0	0.52	ug/L			03/01/16 12:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 12:12	1
1,1-Dichloroethene	**88**		1.0	0.67	ug/L			03/01/16 12:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 12:12	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3016_INF
Date Collected: 02/18/16 07:28
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-53
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 12:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 12:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 12:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 12:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 12:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 12:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 12:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 12:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 12:12	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 12:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 12:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 12:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 12:12	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 12:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 12:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 12:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 12:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 12:12	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 12:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 12:12	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 12:12	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 12:12	1
Tetrachloroethene	**1.2**		1.0	0.50	ug/L			03/01/16 12:12	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 12:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 12:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 12:12	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 12:12	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 12:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 12:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 12:12	1
Trichloroethene	**4.2**		1.0	0.61	ug/L			03/01/16 12:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 12:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 12:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 12:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 12:12*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/01/16 12:12*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/01/16 12:12*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**270**		10	5.0	ug/L			02/24/16 19:40	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3017_INF
Date Collected: 02/18/16 07:36
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-54
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 16:00	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 16:00	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 16:00	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 16:00	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:00	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 16:00	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 16:00	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 16:00	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 16:00	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 16:00	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 16:00	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:00	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 16:00	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 16:00	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 16:00	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 16:00	1
cis-1,2-Dichloroethene	**3.6**		1.0	0.65	ug/L			03/01/16 16:00	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 16:00	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 16:00	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 16:00	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 16:00	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 16:00	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 16:00	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 16:00	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:00	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 16:00	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 16:00	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 16:00	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 16:00	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 16:00	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 16:00	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 16:00	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 16:00	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 16:00	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 16:00	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 16:00	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 16:00	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 16:00	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 16:00	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 16:00	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 16:00	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 16:00	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 16:00	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 16:00	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 16:00	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 16:00	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 16:00	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 16:00	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 16:00	1

Client Sample ID: EW-3017_INF

Lab Sample ID: 660-72177-54

Date Collected: 02/18/16 07:36

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.73	I	1.0	0.50	ug/L			03/01/16 16:00	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 16:00	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 16:00	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 16:00	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 16:00	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 16:00	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 16:00	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 16:00	1
Trichloroethene	6.2		1.0	0.61	ug/L			03/01/16 16:00	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:00	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 16:00	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 16:00	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 16:00	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/01/16 16:00*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/01/16 16:00*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/01/16 16:00*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	180		10	5.2	ug/L			03/01/16 13:47	10
1,1-Dichloroethene	220		10	6.7	ug/L			03/01/16 13:47	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/01/16 13:47*	*10*
Dibromofluoromethane	*110*		*70 - 130*		*03/01/16 13:47*	*10*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/01/16 13:47*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1200		100	50	ug/L			02/24/16 19:59	50

Client Sample ID: EW-3018_INF

Lab Sample ID: 660-72177-55

Date Collected: 02/18/16 07:40

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 11:34	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 11:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 11:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 11:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 11:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 11:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 11:34	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 11:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 11:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 11:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 11:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3018_INF
Date Collected: 02/18/16 07:40
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-55
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 11:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 11:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 11:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 11:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 11:34	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.65	ug/L			03/01/16 11:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 11:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 11:34	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 11:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 11:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 11:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 11:34	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 11:34	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 11:34	1
1,1-Dichloroethane	**60**		1.0	0.52	ug/L			03/01/16 11:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 11:34	1
1,1-Dichloroethene	**58**		1.0	0.67	ug/L			03/01/16 11:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 11:34	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 11:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 11:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 11:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 11:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 11:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 11:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 11:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 11:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 11:34	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 11:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 11:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 11:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 11:34	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 11:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 11:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 11:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 11:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 11:34	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 11:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 11:34	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 11:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 11:34	1
Tetrachloroethene	**0.96**	**I**	1.0	0.50	ug/L			03/01/16 11:34	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 11:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 11:34	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 11:34	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 11:34	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 11:34	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 11:34	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 11:34	1
Trichloroethene	**4.4**		1.0	0.61	ug/L			03/01/16 11:34	1

Client Sample ID: EW-3018_INF

Lab Sample ID: 660-72177-55

Date Collected: 02/18/16 07:40

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 11:34	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 11:34	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 11:34	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 11:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 11:34*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*03/01/16 11:34*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/01/16 11:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**250**		10	5.0	ug/L			02/26/16 14:45	5

Client Sample ID: EW-3019_INF

Lab Sample ID: 660-72177-56

Date Collected: 02/18/16 07:43

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 16:19	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 16:19	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 16:19	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 16:19	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:19	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 16:19	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 16:19	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 16:19	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 16:19	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 16:19	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 16:19	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:19	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 16:19	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 16:19	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 16:19	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 16:19	1
cis-1,2-Dichloroethene	**1.6**		1.0	0.65	ug/L			03/01/16 16:19	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 16:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 16:19	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 16:19	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 16:19	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 16:19	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 16:19	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 16:19	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:19	1
1,1-Dichloroethane	**65**		1.0	0.52	ug/L			03/01/16 16:19	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 16:19	1
1,1-Dichloroethene	**77**		1.0	0.67	ug/L			03/01/16 16:19	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 16:19	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3019_INF
Date Collected: 02/18/16 07:43
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-56
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 16:19	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 16:19	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 16:19	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 16:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 16:19	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 16:19	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 16:19	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 16:19	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 16:19	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 16:19	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 16:19	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 16:19	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 16:19	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 16:19	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 16:19	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 16:19	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 16:19	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 16:19	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 16:19	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 16:19	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 16:19	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 16:19	1
Tetrachloroethene	**4.3**		1.0	0.50	ug/L			03/01/16 16:19	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 16:19	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 16:19	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 16:19	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 16:19	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 16:19	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 16:19	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 16:19	1
Trichloroethene	**5.3**		1.0	0.61	ug/L			03/01/16 16:19	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:19	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 16:19	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 16:19	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 16:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/01/16 16:19*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/01/16 16:19*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/01/16 16:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**340**		20	10	ug/L			02/24/16 20:36	10

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3020_INF
Date Collected: 02/18/16 08:28
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-57
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 16:57	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 16:57	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 16:57	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 16:57	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:57	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 16:57	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 16:57	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 16:57	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 16:57	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 16:57	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 16:57	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:57	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 16:57	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 16:57	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 16:57	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 16:57	1
cis-1,2-Dichloroethene	**5.0**		1.0	0.65	ug/L			03/01/16 16:57	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 16:57	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 16:57	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 16:57	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 16:57	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 16:57	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 16:57	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 16:57	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:57	1
1,1-Dichloroethane	**28**		1.0	0.52	ug/L			03/01/16 16:57	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 16:57	1
1,1-Dichloroethene	**72**		1.0	0.67	ug/L			03/01/16 16:57	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 16:57	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 16:57	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 16:57	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 16:57	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 16:57	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 16:57	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 16:57	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 16:57	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 16:57	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 16:57	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 16:57	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 16:57	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 16:57	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 16:57	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 16:57	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 16:57	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 16:57	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 16:57	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 16:57	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 16:57	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 16:57	1

Client Sample ID: EW-3020_INF

Lab Sample ID: 660-72177-57

Date Collected: 02/18/16 08:28

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 16:57	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 16:57	1
Tetrachloroethene	**3.7**		1.0	0.50	ug/L			03/01/16 16:57	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 16:57	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 16:57	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 16:57	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 16:57	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 16:57	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 16:57	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 16:57	1
Trichloroethene	**31**		1.0	0.61	ug/L			03/01/16 16:57	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 16:57	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 16:57	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 16:57	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 16:57	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/01/16 16:57*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*03/01/16 16:57*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/01/16 16:57*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**190**		10	5.0	ug/L			02/24/16 20:54	5

Client Sample ID: EW-3021_INF

Lab Sample ID: 660-72177-58

Date Collected: 02/18/16 10:50

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 15:51	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 15:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 15:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 15:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:51	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 15:51	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 15:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 15:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 15:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 15:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 15:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 15:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 15:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 15:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 15:51	1
cis-1,2-Dichloroethene	**22**		1.0	0.65	ug/L			03/01/16 15:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 15:51	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3021_INF
Date Collected: 02/18/16 10:50
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-58
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 15:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 15:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 15:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 15:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 15:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 15:51	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:51	1
1,1-Dichloroethane	**5.8**		1.0	0.52	ug/L			03/01/16 15:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 15:51	1
1,1-Dichloroethene	**11**		1.0	0.67	ug/L			03/01/16 15:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 15:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 15:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 15:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 15:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 15:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 15:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 15:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 15:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 15:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 15:51	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 15:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 15:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 15:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 15:51	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 15:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 15:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 15:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 15:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 15:51	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 15:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 15:51	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 15:51	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 15:51	1
Tetrachloroethene	**0.58**	**I**	1.0	0.50	ug/L			03/01/16 15:51	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 15:51	1
trans-1,2-Dichloroethene	**7.9**		1.0	0.67	ug/L			03/01/16 15:51	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 15:51	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 15:51	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 15:51	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 15:51	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 15:51	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:51	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 15:51	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 15:51	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 15:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/01/16 15:51*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/01/16 15:51*	*1*

Client Sample ID: EW-3021_INF

Lab Sample ID: 660-72177-58

Date Collected: 02/18/16 10:50

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/01/16 15:51*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**220**		10	6.1	ug/L			03/01/16 15:32	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/01/16 15:32*	*10*
Dibromofluoromethane	*97*		*70 - 130*		*03/01/16 15:32*	*10*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/01/16 15:32*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**86**		4.0	2.0	ug/L			02/25/16 13:10	2

Client Sample ID: EW-3022_INF

Lab Sample ID: 660-72177-59

Date Collected: 02/18/16 10:40

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 12:50	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 12:50	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 12:50	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 12:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:50	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 12:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 12:50	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 12:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 12:50	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 12:50	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 12:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 12:50	1
Chloromethane	**1.4**	**I**	4.0	1.0	ug/L			03/01/16 12:50	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 12:50	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 12:50	1
cis-1,2-Dichloroethene	**8.6**		1.0	0.65	ug/L			03/01/16 12:50	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 12:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 12:50	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 12:50	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 12:50	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 12:50	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 12:50	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 12:50	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:50	1
1,1-Dichloroethane	**27**		1.0	0.52	ug/L			03/01/16 12:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 12:50	1
1,1-Dichloroethene	**23**		1.0	0.67	ug/L			03/01/16 12:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 12:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3022_INF
Date Collected: 02/18/16 10:40
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-59
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 12:50	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 12:50	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 12:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 12:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 12:50	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 12:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 12:50	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 12:50	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 12:50	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 12:50	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 12:50	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 12:50	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 12:50	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 12:50	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 12:50	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 12:50	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 12:50	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 12:50	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 12:50	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 12:50	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 12:50	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 12:50	1
Tetrachloroethene	**1.7**		1.0	0.50	ug/L			03/01/16 12:50	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 12:50	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 12:50	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 12:50	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 12:50	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 12:50	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 12:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 12:50	1
Trichloroethene	**7.2**		1.0	0.61	ug/L			03/01/16 12:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:50	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 12:50	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 12:50	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 12:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/01/16 12:50*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/01/16 12:50*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/01/16 12:50*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**220**		10	5.0	ug/L			02/25/16 13:28	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3023_INF
Date Collected: 02/18/16 07:02
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-60
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	40	20	ug/L			03/01/16 16:38	2
Benzene	1.0	U	2.0	1.0	ug/L			03/01/16 16:38	2
Bromobenzene	1.2	U	2.0	1.2	ug/L			03/01/16 16:38	2
Bromoform	1.3	U	2.0	1.3	ug/L			03/01/16 16:38	2
Bromomethane	5.0	U	10	5.0	ug/L			03/01/16 16:38	2
2-Butanone (MEK)	17	U	20	17	ug/L			03/01/16 16:38	2
Carbon disulfide	2.0	U	4.0	2.0	ug/L			03/01/16 16:38	2
Carbon tetrachloride	0.86	U	2.0	0.86	ug/L			03/01/16 16:38	2
Chlorobenzene	1.3	U	2.0	1.3	ug/L			03/01/16 16:38	2
Chlorobromomethane	1.2	U	2.0	1.2	ug/L			03/01/16 16:38	2
Chlorodibromomethane	0.62	U	2.0	0.62	ug/L			03/01/16 16:38	2
Chloroethane	5.0	U	10	5.0	ug/L			03/01/16 16:38	2
Chloroform	1.8	U	2.0	1.8	ug/L			03/01/16 16:38	2
Chloromethane	2.0	U	8.0	2.0	ug/L			03/01/16 16:38	2
2-Chlorotoluene	1.3	U	2.0	1.3	ug/L			03/01/16 16:38	2
4-Chlorotoluene	1.0	U	2.0	1.0	ug/L			03/01/16 16:38	2
cis-1,2-Dichloroethene	**18**		2.0	1.3	ug/L			03/01/16 16:38	2
cis-1,3-Dichloropropene	0.78	U	2.0	0.78	ug/L			03/01/16 16:38	2
1,2-Dibromo-3-Chloropropane	5.0	U	10	5.0	ug/L			03/01/16 16:38	2
Dibromomethane	0.92	U	2.0	0.92	ug/L			03/01/16 16:38	2
1,2-Dichlorobenzene	0.98	U	2.0	0.98	ug/L			03/01/16 16:38	2
1,3-Dichlorobenzene	1.3	U	2.0	1.3	ug/L			03/01/16 16:38	2
1,4-Dichlorobenzene	1.2	U	2.0	1.2	ug/L			03/01/16 16:38	2
Dichlorobromomethane	0.88	U	2.0	0.88	ug/L			03/01/16 16:38	2
Dichlorodifluoromethane	5.0	U	10	5.0	ug/L			03/01/16 16:38	2
1,1-Dichloroethane	**80**		2.0	1.0	ug/L			03/01/16 16:38	2
1,2-Dichloroethane	1.1	U	2.0	1.1	ug/L			03/01/16 16:38	2
1,2-Dichloropropane	1.0	U	2.0	1.0	ug/L			03/01/16 16:38	2
1,3-Dichloropropane	0.84	U	2.0	0.84	ug/L			03/01/16 16:38	2
2,2-Dichloropropane	0.72	U	2.0	0.72	ug/L			03/01/16 16:38	2
1,1-Dichloropropene	1.3	U	2.0	1.3	ug/L			03/01/16 16:38	2
Ethylbenzene	0.88	U	2.0	0.88	ug/L			03/01/16 16:38	2
Ethylene Dibromide	1.0	U	2.0	1.0	ug/L			03/01/16 16:38	2
Hexachlorobutadiene	0.68	U	2.0	0.68	ug/L			03/01/16 16:38	2
2-Hexanone	8.8	U	20	8.8	ug/L			03/01/16 16:38	2
Isopropylbenzene	1.0	U	2.0	1.0	ug/L			03/01/16 16:38	2
4-Isopropyltoluene	1.4	U	2.0	1.4	ug/L			03/01/16 16:38	2
Methylene Chloride	8.0	U	10	8.0	ug/L			03/01/16 16:38	2
4-Methyl-2-pentanone (MIBK)	8.0	U	20	8.0	ug/L			03/01/16 16:38	2
Methyl tert-butyl ether	0.88	U	2.0	0.88	ug/L			03/01/16 16:38	2
m-Xylene & p-Xylene	1.2	U	4.0	1.2	ug/L			03/01/16 16:38	2
Naphthalene	5.0	U	10	5.0	ug/L			03/01/16 16:38	2
n-Butylbenzene	1.3	U	2.0	1.3	ug/L			03/01/16 16:38	2
N-Propylbenzene	1.2	U	2.0	1.2	ug/L			03/01/16 16:38	2
o-Xylene	1.0	U	2.0	1.0	ug/L			03/01/16 16:38	2
sec-Butylbenzene	1.3	U	2.0	1.3	ug/L			03/01/16 16:38	2
Styrene	2.0	U	4.0	2.0	ug/L			03/01/16 16:38	2
tert-Butylbenzene	1.7	U	2.0	1.7	ug/L			03/01/16 16:38	2
1,1,1,2-Tetrachloroethane	1.3	U	2.0	1.3	ug/L			03/01/16 16:38	2

Client Sample ID: EW-3023_INF

Lab Sample ID: 660-72177-60

Date Collected: 02/18/16 07:02

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.34	U	2.0	0.34	ug/L			03/01/16 16:38	2
Tetrachloroethene	**19**		2.0	1.0	ug/L			03/01/16 16:38	2
Toluene	1.0	U	2.0	1.0	ug/L			03/01/16 16:38	2
trans-1,2-Dichloroethene	1.3	U	2.0	1.3	ug/L			03/01/16 16:38	2
trans-1,3-Dichloropropene	0.54	U	2.0	0.54	ug/L			03/01/16 16:38	2
1,2,3-Trichlorobenzene	1.5	U	2.0	1.5	ug/L			03/01/16 16:38	2
1,2,4-Trichlorobenzene	1.2	U	2.0	1.2	ug/L			03/01/16 16:38	2
1,1,1-Trichloroethane	0.94	U	2.0	0.94	ug/L			03/01/16 16:38	2
1,1,2-Trichloroethane	0.94	U	2.0	0.94	ug/L			03/01/16 16:38	2
Trichloroethene	**58**		2.0	1.2	ug/L			03/01/16 16:38	2
Trichlorofluoromethane	5.0	U	10	5.0	ug/L			03/01/16 16:38	2
1,2,3-Trichloropropane	0.88	U	2.0	0.88	ug/L			03/01/16 16:38	2
1,2,4-Trimethylbenzene	1.7	U	2.0	1.7	ug/L			03/01/16 16:38	2
1,3,5-Trimethylbenzene	1.1	U	2.0	1.1	ug/L			03/01/16 16:38	2
Vinyl chloride	**1.8**	**I**	2.0	1.4	ug/L			03/01/16 16:38	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/01/16 16:38*	*2*
Dibromofluoromethane	*109*		*70 - 130*		*03/01/16 16:38*	*2*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/01/16 16:38*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**320**		20	13	ug/L			03/01/16 14:44	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/01/16 14:44*	*20*
Dibromofluoromethane	*111*		*70 - 130*		*03/01/16 14:44*	*20*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/01/16 14:44*	*20*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**200**		10	5.0	ug/L			02/25/16 13:47	5

Client Sample ID: EW-3024_INF

Lab Sample ID: 660-72177-61

Date Collected: 02/19/16 08:13

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 15:41	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 15:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 15:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 15:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 15:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 15:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 15:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 15:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 15:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 15:41	1

Client Sample ID: EW-3024_INF
Date Collected: 02/19/16 08:13
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-61
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 15:41	1
Chloromethane	**1.2**	**I**	4.0	1.0	ug/L			03/01/16 15:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 15:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 15:41	1
cis-1,2-Dichloroethene	**1.6**		1.0	0.65	ug/L			03/01/16 15:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 15:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 15:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 15:41	1
1,2-Dichlorobenzene	**0.57**	**I**	1.0	0.49	ug/L			03/01/16 15:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 15:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 15:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 15:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:41	1
1,1-Dichloroethane	**7.5**		1.0	0.52	ug/L			03/01/16 15:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 15:41	1
1,1-Dichloroethene	**57**		1.0	0.67	ug/L			03/01/16 15:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 15:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 15:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 15:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 15:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 15:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 15:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 15:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 15:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 15:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 15:41	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 15:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 15:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 15:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 15:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 15:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 15:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 15:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 15:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 15:41	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 15:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 15:41	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 15:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 15:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 15:41	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 15:41	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 15:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 15:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 15:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 15:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 15:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 15:41	1
Trichloroethene	**5.2**		1.0	0.61	ug/L			03/01/16 15:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3024_INF

Lab Sample ID: 660-72177-61

Date Collected: 02/19/16 08:13

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 15:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 15:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 15:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/01/16 15:41*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*03/01/16 15:41*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/01/16 15:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**14**		2.0	1.0	ug/L			02/25/16 14:05	1

Client Sample ID: EW-3025_INF

Lab Sample ID: 660-72177-62

Date Collected: 02/18/16 10:23

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/02/16 13:28	1
Benzene	0.50	U	1.0	0.50	ug/L			03/02/16 13:28	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/02/16 13:28	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/02/16 13:28	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/02/16 13:28	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/02/16 13:28	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/02/16 13:28	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/02/16 13:28	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/02/16 13:28	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/02/16 13:28	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/02/16 13:28	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/02/16 13:28	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/02/16 13:28	1
Chloromethane	**2.3**	**I**	4.0	1.0	ug/L			03/02/16 13:28	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/02/16 13:28	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/02/16 13:28	1
cis-1,2-Dichloroethene	**4.1**		1.0	0.65	ug/L			03/02/16 13:28	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/02/16 13:28	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/02/16 13:28	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/02/16 13:28	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/02/16 13:28	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/02/16 13:28	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/02/16 13:28	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/02/16 13:28	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/02/16 13:28	1
1,1-Dichloroethane	**11**		1.0	0.52	ug/L			03/02/16 13:28	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/02/16 13:28	1
1,1-Dichloroethene	**20**		1.0	0.67	ug/L			03/02/16 13:28	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/02/16 13:28	1

Client Sample ID: EW-3025_INF
Date Collected: 02/18/16 10:23
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-62
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/02/16 13:28	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/02/16 13:28	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/02/16 13:28	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/02/16 13:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/02/16 13:28	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/02/16 13:28	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/02/16 13:28	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/02/16 13:28	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/02/16 13:28	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/02/16 13:28	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/02/16 13:28	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/02/16 13:28	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/02/16 13:28	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/02/16 13:28	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/02/16 13:28	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/02/16 13:28	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/02/16 13:28	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/02/16 13:28	1
Styrene	0.98	U	2.0	0.98	ug/L			03/02/16 13:28	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/02/16 13:28	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/02/16 13:28	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/02/16 13:28	1
Toluene	0.51	U	1.0	0.51	ug/L			03/02/16 13:28	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/02/16 13:28	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/02/16 13:28	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/02/16 13:28	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/02/16 13:28	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/02/16 13:28	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/02/16 13:28	1
Trichloroethene	**86**		1.0	0.61	ug/L			03/02/16 13:28	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/02/16 13:28	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/02/16 13:28	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/02/16 13:28	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/02/16 13:28	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/02/16 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/02/16 13:28*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/02/16 13:28*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/02/16 13:28*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**130**		5.0	2.5	ug/L			03/02/16 11:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/02/16 11:00*	*5*
Dibromofluoromethane	*103*		*70 - 130*		*03/02/16 11:00*	*5*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/02/16 11:00*	*5*

Client Sample ID: EW-3025_INF

Lab Sample ID: 660-72177-62

Date Collected: 02/18/16 10:23

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**67**		4.0	2.0	ug/L			02/25/16 14:23	2

Client Sample ID: EW-3026_INF

Lab Sample ID: 660-72177-63

Date Collected: 02/18/16 10:18

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 12:31	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 12:31	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 12:31	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 12:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:31	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 12:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 12:31	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 12:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 12:31	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 12:31	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 12:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 12:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 12:31	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 12:31	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 12:31	1
cis-1,2-Dichloroethene	**3.2**		1.0	0.65	ug/L			03/01/16 12:31	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 12:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 12:31	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 12:31	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 12:31	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 12:31	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 12:31	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 12:31	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:31	1
1,1-Dichloroethane	**18**		1.0	0.52	ug/L			03/01/16 12:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 12:31	1
1,1-Dichloroethene	**47**		1.0	0.67	ug/L			03/01/16 12:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 12:31	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 12:31	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 12:31	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 12:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 12:31	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 12:31	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 12:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 12:31	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 12:31	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 12:31	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 12:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 12:31	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 12:31	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 12:31	1

Client Sample ID: EW-3026_INF

Lab Sample ID: 660-72177-63

Date Collected: 02/18/16 10:18

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 12:31	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 12:31	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 12:31	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 12:31	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 12:31	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 12:31	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 12:31	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 12:31	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 12:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 12:31	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 12:31	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 12:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 12:31	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 12:31	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 12:31	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 12:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 12:31	1
Trichloroethene	**7.1**		1.0	0.61	ug/L			03/01/16 12:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:31	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 12:31	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 12:31	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 12:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/01/16 12:31*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*03/01/16 12:31*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/01/16 12:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**190**		10	5.0	ug/L			02/25/16 14:42	5

Client Sample ID: EW-3027_INF

Lab Sample ID: 660-72177-64

Date Collected: 02/19/16 08:03

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	40	20	ug/L			03/02/16 14:06	2
Benzene	1.0	U	2.0	1.0	ug/L			03/02/16 14:06	2
Bromobenzene	1.2	U	2.0	1.2	ug/L			03/02/16 14:06	2
Bromoform	1.3	U	2.0	1.3	ug/L			03/02/16 14:06	2
Bromomethane	5.0	U	10	5.0	ug/L			03/02/16 14:06	2
2-Butanone (MEK)	17	U	20	17	ug/L			03/02/16 14:06	2
Carbon disulfide	2.0	U	4.0	2.0	ug/L			03/02/16 14:06	2
Carbon tetrachloride	0.86	U	2.0	0.86	ug/L			03/02/16 14:06	2
Chlorobenzene	1.3	U	2.0	1.3	ug/L			03/02/16 14:06	2
Chlorobromomethane	1.2	U	2.0	1.2	ug/L			03/02/16 14:06	2
Chlorodibromomethane	0.62	U	2.0	0.62	ug/L			03/02/16 14:06	2

Client Sample ID: EW-3027_INF
Date Collected: 02/19/16 08:03
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-64
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	5.0	U	10	5.0	ug/L			03/02/16 14:06	2
Chloroform	1.8	U	2.0	1.8	ug/L			03/02/16 14:06	2
Chloromethane	2.0	U	8.0	2.0	ug/L			03/02/16 14:06	2
2-Chlorotoluene	1.3	U	2.0	1.3	ug/L			03/02/16 14:06	2
4-Chlorotoluene	1.0	U	2.0	1.0	ug/L			03/02/16 14:06	2
cis-1,2-Dichloroethene	**39**		2.0	1.3	ug/L			03/02/16 14:06	2
cis-1,3-Dichloropropene	0.78	U	2.0	0.78	ug/L			03/02/16 14:06	2
1,2-Dibromo-3-Chloropropane	5.0	U	10	5.0	ug/L			03/02/16 14:06	2
Dibromomethane	0.92	U	2.0	0.92	ug/L			03/02/16 14:06	2
1,2-Dichlorobenzene	0.98	U	2.0	0.98	ug/L			03/02/16 14:06	2
1,3-Dichlorobenzene	1.3	U	2.0	1.3	ug/L			03/02/16 14:06	2
1,4-Dichlorobenzene	1.2	U	2.0	1.2	ug/L			03/02/16 14:06	2
Dichlorobromomethane	0.88	U	2.0	0.88	ug/L			03/02/16 14:06	2
Dichlorodifluoromethane	5.0	U	10	5.0	ug/L			03/02/16 14:06	2
1,1-Dichloroethane	**14**		2.0	1.0	ug/L			03/02/16 14:06	2
1,2-Dichloroethane	1.1	U	2.0	1.1	ug/L			03/02/16 14:06	2
1,1-Dichloroethene	**31**		2.0	1.3	ug/L			03/02/16 14:06	2
1,2-Dichloropropane	1.0	U	2.0	1.0	ug/L			03/02/16 14:06	2
1,3-Dichloropropane	0.84	U	2.0	0.84	ug/L			03/02/16 14:06	2
2,2-Dichloropropane	0.72	U	2.0	0.72	ug/L			03/02/16 14:06	2
1,1-Dichloropropene	1.3	U	2.0	1.3	ug/L			03/02/16 14:06	2
Ethylbenzene	0.88	U	2.0	0.88	ug/L			03/02/16 14:06	2
Ethylene Dibromide	1.0	U	2.0	1.0	ug/L			03/02/16 14:06	2
Hexachlorobutadiene	0.68	U	2.0	0.68	ug/L			03/02/16 14:06	2
2-Hexanone	8.8	U	20	8.8	ug/L			03/02/16 14:06	2
Isopropylbenzene	1.0	U	2.0	1.0	ug/L			03/02/16 14:06	2
4-Isopropyltoluene	1.4	U	2.0	1.4	ug/L			03/02/16 14:06	2
Methylene Chloride	8.0	U	10	8.0	ug/L			03/02/16 14:06	2
4-Methyl-2-pentanone (MIBK)	8.0	U	20	8.0	ug/L			03/02/16 14:06	2
Methyl tert-butyl ether	0.88	U	2.0	0.88	ug/L			03/02/16 14:06	2
m-Xylene & p-Xylene	1.2	U	4.0	1.2	ug/L			03/02/16 14:06	2
Naphthalene	5.0	U	10	5.0	ug/L			03/02/16 14:06	2
n-Butylbenzene	1.3	U	2.0	1.3	ug/L			03/02/16 14:06	2
N-Propylbenzene	1.2	U	2.0	1.2	ug/L			03/02/16 14:06	2
o-Xylene	1.0	U	2.0	1.0	ug/L			03/02/16 14:06	2
sec-Butylbenzene	1.3	U	2.0	1.3	ug/L			03/02/16 14:06	2
Styrene	2.0	U	4.0	2.0	ug/L			03/02/16 14:06	2
tert-Butylbenzene	1.7	U	2.0	1.7	ug/L			03/02/16 14:06	2
1,1,1,2-Tetrachloroethane	1.3	U	2.0	1.3	ug/L			03/02/16 14:06	2
1,1,2,2-Tetrachloroethane	0.34	U	2.0	0.34	ug/L			03/02/16 14:06	2
Tetrachloroethene	**110**		2.0	1.0	ug/L			03/02/16 14:06	2
Toluene	1.0	U	2.0	1.0	ug/L			03/02/16 14:06	2
trans-1,2-Dichloroethene	1.3	U	2.0	1.3	ug/L			03/02/16 14:06	2
trans-1,3-Dichloropropene	0.54	U	2.0	0.54	ug/L			03/02/16 14:06	2
1,2,3-Trichlorobenzene	1.5	U	2.0	1.5	ug/L			03/02/16 14:06	2
1,2,4-Trichlorobenzene	1.2	U	2.0	1.2	ug/L			03/02/16 14:06	2
1,1,1-Trichloroethane	0.94	U	2.0	0.94	ug/L			03/02/16 14:06	2
1,1,2-Trichloroethane	0.94	U	2.0	0.94	ug/L			03/02/16 14:06	2
Trichlorofluoromethane	5.0	U	10	5.0	ug/L			03/02/16 14:06	2

Client Sample ID: EW-3027_INF

Lab Sample ID: 660-72177-64

Date Collected: 02/19/16 08:03

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.88	U	2.0	0.88	ug/L			03/02/16 14:06	2
1,2,4-Trimethylbenzene	1.7	U	2.0	1.7	ug/L			03/02/16 14:06	2
1,3,5-Trimethylbenzene	1.1	U	2.0	1.1	ug/L			03/02/16 14:06	2
Vinyl chloride	1.4	U	2.0	1.4	ug/L			03/02/16 14:06	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/02/16 14:06*	*2*
Dibromofluoromethane	*100*		*70 - 130*		*03/02/16 14:06*	*2*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/02/16 14:06*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**700**		20	12	ug/L			03/02/16 11:19	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/02/16 11:19*	*20*
Dibromofluoromethane	*103*		*70 - 130*		*03/02/16 11:19*	*20*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/02/16 11:19*	*20*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**190**		10	5.0	ug/L			02/25/16 15:00	5

Client Sample ID: EW-4001_INF

Lab Sample ID: 660-72177-65

Date Collected: 02/18/16 13:14

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 11:53	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 11:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 11:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 11:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 11:53	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 11:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 11:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 11:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 11:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 11:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 11:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 11:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 11:53	1
Chloromethane	**1.7**	**I**	4.0	1.0	ug/L			03/01/16 11:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 11:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 11:53	1
cis-1,2-Dichloroethene	**14**		1.0	0.65	ug/L			03/01/16 11:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 11:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 11:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 11:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 11:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 11:53	1

Client Sample ID: EW-4001_INF
Date Collected: 02/18/16 13:14
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-65
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 11:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 11:53	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 11:53	1
1,1-Dichloroethane	**1.5**		1.0	0.52	ug/L			03/01/16 11:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 11:53	1
1,1-Dichloroethene	**1.7**		1.0	0.67	ug/L			03/01/16 11:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 11:53	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 11:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 11:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 11:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 11:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 11:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 11:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 11:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 11:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 11:53	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 11:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 11:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 11:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 11:53	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 11:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 11:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 11:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 11:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 11:53	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 11:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 11:53	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 11:53	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 11:53	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 11:53	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 11:53	1
trans-1,2-Dichloroethene	**23**		1.0	0.67	ug/L			03/01/16 11:53	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 11:53	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 11:53	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 11:53	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 11:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 11:53	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/01/16 11:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 11:53	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 11:53	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 11:53	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 11:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/01/16 11:53*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/01/16 11:53*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/01/16 11:53*	*1*

Client Sample ID: EW-4001_INF

Lab Sample ID: 660-72177-65

Date Collected: 02/18/16 13:14

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**26**		2.0	1.0	ug/L			02/25/16 15:19	1

Client Sample ID: EW-4002_INF

Lab Sample ID: 660-72177-66

Date Collected: 02/17/16 14:10

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 00:40	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 00:40	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 00:40	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 00:40	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 00:40	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 00:40	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 00:40	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 00:40	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 00:40	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 00:40	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 00:40	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 00:40	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 00:40	1
Chloromethane	**2.3**	**I**	4.0	1.0	ug/L			03/01/16 00:40	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 00:40	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 00:40	1
cis-1,2-Dichloroethene	**11**		1.0	0.65	ug/L			03/01/16 00:40	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 00:40	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 00:40	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 00:40	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 00:40	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 00:40	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 00:40	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 00:40	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 00:40	1
1,1-Dichloroethane	**3.6**		1.0	0.52	ug/L			03/01/16 00:40	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 00:40	1
1,1-Dichloroethene	**9.4**		1.0	0.67	ug/L			03/01/16 00:40	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 00:40	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 00:40	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 00:40	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 00:40	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 00:40	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 00:40	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 00:40	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 00:40	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 00:40	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 00:40	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 00:40	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 00:40	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 00:40	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 00:40	1

Client Sample ID: EW-4002_INF

Lab Sample ID: 660-72177-66

Date Collected: 02/17/16 14:10

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 00:40	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 00:40	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 00:40	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 00:40	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 00:40	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 00:40	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 00:40	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 00:40	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 00:40	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 00:40	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 00:40	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 00:40	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 00:40	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 00:40	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 00:40	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 00:40	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 00:40	1
Trichloroethene	**11**		1.0	0.61	ug/L			03/01/16 00:40	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 00:40	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 00:40	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 00:40	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 00:40	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/01/16 00:40*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/01/16 00:40*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/01/16 00:40*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**25**		2.0	1.0	ug/L			02/25/16 15:38	1

Client Sample ID: EW-4003_INF

Lab Sample ID: 660-72177-67

Date Collected: 02/19/16 08:33

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	100	50	ug/L			03/02/16 16:27	5
Benzene	2.5	U	5.0	2.5	ug/L			03/02/16 16:27	5
Bromobenzene	2.9	U	5.0	2.9	ug/L			03/02/16 16:27	5
Bromoform	3.2	U	5.0	3.2	ug/L			03/02/16 16:27	5
Bromomethane	13	U	25	13	ug/L			03/02/16 16:27	5
2-Butanone (MEK)	42	U	50	42	ug/L			03/02/16 16:27	5
Carbon disulfide	5.0	U	10	5.0	ug/L			03/02/16 16:27	5
Carbon tetrachloride	2.2	U	5.0	2.2	ug/L			03/02/16 16:27	5
Chlorobenzene	3.2	U	5.0	3.2	ug/L			03/02/16 16:27	5
Chlorobromomethane	2.9	U	5.0	2.9	ug/L			03/02/16 16:27	5
Chlorodibromomethane	1.6	U	5.0	1.6	ug/L			03/02/16 16:27	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-4003_INF
Date Collected: 02/19/16 08:33
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-67
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	13	U	25	13	ug/L			03/02/16 16:27	5
Chloroform	4.5	U	5.0	4.5	ug/L			03/02/16 16:27	5
Chloromethane	5.0	U	20	5.0	ug/L			03/02/16 16:27	5
2-Chlorotoluene	3.3	U	5.0	3.3	ug/L			03/02/16 16:27	5
4-Chlorotoluene	2.6	U	5.0	2.6	ug/L			03/02/16 16:27	5
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/L			03/02/16 16:27	5
1,2-Dibromo-3-Chloropropane	13	U	25	13	ug/L			03/02/16 16:27	5
Dibromomethane	2.3	U	5.0	2.3	ug/L			03/02/16 16:27	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			03/02/16 16:27	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			03/02/16 16:27	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			03/02/16 16:27	5
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			03/02/16 16:27	5
Dichlorodifluoromethane	13	U	25	13	ug/L			03/02/16 16:27	5
1,1-Dichloroethane	**23**		5.0	2.6	ug/L			03/02/16 16:27	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			03/02/16 16:27	5
1,1-Dichloroethene	**100**		5.0	3.4	ug/L			03/02/16 16:27	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			03/02/16 16:27	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			03/02/16 16:27	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			03/02/16 16:27	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			03/02/16 16:27	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			03/02/16 16:27	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			03/02/16 16:27	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			03/02/16 16:27	5
2-Hexanone	22	U	50	22	ug/L			03/02/16 16:27	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			03/02/16 16:27	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			03/02/16 16:27	5
Methylene Chloride	20	U	25	20	ug/L			03/02/16 16:27	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			03/02/16 16:27	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			03/02/16 16:27	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			03/02/16 16:27	5
Naphthalene	13	U	25	13	ug/L			03/02/16 16:27	5
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			03/02/16 16:27	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			03/02/16 16:27	5
o-Xylene	2.5	U	5.0	2.5	ug/L			03/02/16 16:27	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			03/02/16 16:27	5
Styrene	4.9	U	10	4.9	ug/L			03/02/16 16:27	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			03/02/16 16:27	5
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			03/02/16 16:27	5
1,1,2,2-Tetrachloroethane	0.85	U	5.0	0.85	ug/L			03/02/16 16:27	5
Tetrachloroethene	2.5	U	5.0	2.5	ug/L			03/02/16 16:27	5
Toluene	2.6	U	5.0	2.6	ug/L			03/02/16 16:27	5
trans-1,2-Dichloroethene	**6.3**		5.0	3.4	ug/L			03/02/16 16:27	5
trans-1,3-Dichloropropene	1.4	U	5.0	1.4	ug/L			03/02/16 16:27	5
1,2,3-Trichlorobenzene	3.9	U	5.0	3.9	ug/L			03/02/16 16:27	5
1,2,4-Trichlorobenzene	2.9	U	5.0	2.9	ug/L			03/02/16 16:27	5
1,1,1-Trichloroethane	2.4	U	5.0	2.4	ug/L			03/02/16 16:27	5
1,1,2-Trichloroethane	2.4	U	5.0	2.4	ug/L			03/02/16 16:27	5
Trichloroethene	**11**		5.0	3.1	ug/L			03/02/16 16:27	5
Trichlorofluoromethane	13	U	25	13	ug/L			03/02/16 16:27	5

Client Sample ID: EW-4003_INF

Lab Sample ID: 660-72177-67

Date Collected: 02/19/16 08:33

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	2.2	U	5.0	2.2	ug/L			03/02/16 16:27	5
1,2,4-Trimethylbenzene	4.3	U	5.0	4.3	ug/L			03/02/16 16:27	5
1,3,5-Trimethylbenzene	2.7	U	5.0	2.7	ug/L			03/02/16 16:27	5
Vinyl chloride	**290**		5.0	3.6	ug/L			03/02/16 16:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/02/16 16:27*	*5*
Dibromofluoromethane	*100*		*70 - 130*		*03/02/16 16:27*	*5*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/02/16 16:27*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**900**		50	33	ug/L			03/02/16 11:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/02/16 11:38*	*50*
Dibromofluoromethane	*102*		*70 - 130*		*03/02/16 11:38*	*50*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/02/16 11:38*	*50*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**150**		10	5.0	ug/L			02/25/16 15:56	5

Client Sample ID: EW-4004_INF

Lab Sample ID: 660-72177-68

Date Collected: 02/17/16 13:20

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 00:59	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 00:59	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 00:59	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 00:59	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 00:59	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 00:59	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 00:59	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 00:59	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 00:59	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 00:59	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 00:59	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 00:59	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 00:59	1
Chloromethane	**1.2**	**I**	4.0	1.0	ug/L			03/01/16 00:59	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 00:59	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 00:59	1
cis-1,2-Dichloroethene	**0.81**	**I**	1.0	0.65	ug/L			03/01/16 00:59	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 00:59	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 00:59	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 00:59	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 00:59	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 00:59	1

Client Sample ID: EW-4004_INF
Date Collected: 02/17/16 13:20
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-68
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 00:59	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 00:59	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 00:59	1
1,1-Dichloroethane	**2.2**		1.0	0.52	ug/L			03/01/16 00:59	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 00:59	1
1,1-Dichloroethene	**8.6**		1.0	0.67	ug/L			03/01/16 00:59	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 00:59	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 00:59	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 00:59	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 00:59	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 00:59	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 00:59	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 00:59	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 00:59	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 00:59	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 00:59	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 00:59	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 00:59	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 00:59	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 00:59	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 00:59	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 00:59	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 00:59	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 00:59	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 00:59	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 00:59	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 00:59	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 00:59	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 00:59	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 00:59	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 00:59	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 00:59	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 00:59	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 00:59	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 00:59	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 00:59	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 00:59	1
Trichloroethene	**0.91**	**I**	1.0	0.61	ug/L			03/01/16 00:59	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 00:59	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 00:59	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 00:59	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 00:59	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/01/16 00:59*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/01/16 00:59*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/01/16 00:59*	*1*

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-4004_INF

Lab Sample ID: 660-72177-68

Date Collected: 02/17/16 13:20

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**18**		2.0	1.0	ug/L			02/25/16 16:15	1

Client Sample ID: EW-4005_INF

Lab Sample ID: 660-72177-69

Date Collected: 02/19/16 07:52

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 15:14	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 15:14	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 15:14	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 15:14	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:14	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 15:14	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 15:14	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 15:14	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 15:14	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 15:14	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 15:14	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:14	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 15:14	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 15:14	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 15:14	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 15:14	1
cis-1,2-Dichloroethene	**35**		1.0	0.65	ug/L			03/01/16 15:14	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 15:14	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 15:14	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 15:14	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 15:14	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 15:14	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 15:14	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 15:14	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:14	1
1,1-Dichloroethane	**9.3**		1.0	0.52	ug/L			03/01/16 15:14	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 15:14	1
1,1-Dichloroethene	**19**		1.0	0.67	ug/L			03/01/16 15:14	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 15:14	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 15:14	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 15:14	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 15:14	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 15:14	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 15:14	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 15:14	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 15:14	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 15:14	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 15:14	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 15:14	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 15:14	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 15:14	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 15:14	1

Client Sample ID: EW-4005_INF

Lab Sample ID: 660-72177-69

Date Collected: 02/19/16 07:52

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 15:14	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 15:14	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 15:14	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 15:14	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 15:14	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 15:14	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 15:14	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 15:14	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 15:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 15:14	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 15:14	1
trans-1,2-Dichloroethene	**3.9**		1.0	0.67	ug/L			03/01/16 15:14	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 15:14	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 15:14	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 15:14	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 15:14	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 15:14	1
Trichloroethene	**4.3**		1.0	0.61	ug/L			03/01/16 15:14	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 15:14	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 15:14	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 15:14	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 15:14	1
Vinyl chloride	**2.1**		1.0	0.71	ug/L			03/01/16 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/01/16 15:14*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/01/16 15:14*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/01/16 15:14*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**100**		4.0	2.0	ug/L			02/25/16 16:33	2

Client Sample ID: EW-4006_INF

Lab Sample ID: 660-72177-70

Date Collected: 02/18/16 10:46

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 09:56	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 09:56	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 09:56	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 09:56	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:56	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 09:56	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 09:56	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 09:56	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 09:56	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 09:56	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 09:56	1

Client Sample ID: EW-4006_INF
Date Collected: 02/18/16 10:46
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-70
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:56	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 09:56	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 09:56	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 09:56	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 09:56	1
cis-1,2-Dichloroethene	**3.4**		1.0	0.65	ug/L			03/01/16 09:56	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 09:56	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 09:56	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 09:56	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 09:56	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 09:56	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 09:56	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 09:56	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:56	1
1,1-Dichloroethane	**2.3**		1.0	0.52	ug/L			03/01/16 09:56	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 09:56	1
1,1-Dichloroethene	**5.2**		1.0	0.67	ug/L			03/01/16 09:56	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 09:56	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 09:56	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 09:56	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 09:56	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 09:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 09:56	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 09:56	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 09:56	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 09:56	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 09:56	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 09:56	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 09:56	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 09:56	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 09:56	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 09:56	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 09:56	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 09:56	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 09:56	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 09:56	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 09:56	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 09:56	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 09:56	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 09:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 09:56	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 09:56	1
trans-1,2-Dichloroethene	**1.7**		1.0	0.67	ug/L			03/01/16 09:56	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 09:56	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 09:56	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 09:56	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 09:56	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 09:56	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/01/16 09:56	1

Client Sample ID: EW-4006_INF

Lab Sample ID: 660-72177-70

Date Collected: 02/18/16 10:46

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:56	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 09:56	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 09:56	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 09:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 09:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/01/16 09:56*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*03/01/16 09:56*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/01/16 09:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**56**		2.0	1.0	ug/L			02/25/16 16:52	1

Client Sample ID: EW-4007_INF

Lab Sample ID: 660-72177-71

Date Collected: 02/18/16 10:29

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 10:15	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 10:15	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 10:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 10:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 10:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 10:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 10:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 10:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 10:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 10:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 10:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 10:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 10:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 10:15	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 10:15	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 10:15	1
cis-1,2-Dichloroethene	**0.95**	**I**	1.0	0.65	ug/L			03/01/16 10:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 10:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 10:15	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 10:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 10:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 10:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 10:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 10:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 10:15	1
1,1-Dichloroethane	**3.6**		1.0	0.52	ug/L			03/01/16 10:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 10:15	1
1,1-Dichloroethene	**5.3**		1.0	0.67	ug/L			03/01/16 10:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 10:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-4007_INF
Date Collected: 02/18/16 10:29
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-71
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 10:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 10:15	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 10:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 10:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 10:15	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 10:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 10:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 10:15	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 10:15	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 10:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 10:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 10:15	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 10:15	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 10:15	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 10:15	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 10:15	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 10:15	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 10:15	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 10:15	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 10:15	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 10:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 10:15	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 10:15	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 10:15	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 10:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 10:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 10:15	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 10:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 10:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 10:15	1
Trichloroethene	**0.61**	**I**	1.0	0.61	ug/L			03/01/16 10:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 10:15	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 10:15	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 10:15	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 10:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 10:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/01/16 10:15*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*03/01/16 10:15*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/01/16 10:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**60**		2.0	1.0	ug/L			02/25/16 17:10	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-4008_INF
Date Collected: 02/18/16 13:45
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-72
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 09:59	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 09:59	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 09:59	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 09:59	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:59	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 09:59	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 09:59	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 09:59	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 09:59	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 09:59	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 09:59	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:59	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 09:59	1
Chloromethane	**1.7**	**I**	4.0	1.0	ug/L			03/01/16 09:59	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 09:59	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 09:59	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/01/16 09:59	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 09:59	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 09:59	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 09:59	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 09:59	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 09:59	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 09:59	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 09:59	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:59	1
1,1-Dichloroethane	**0.57**	**I**	1.0	0.52	ug/L			03/01/16 09:59	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 09:59	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 09:59	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 09:59	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 09:59	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 09:59	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 09:59	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 09:59	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 09:59	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 09:59	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 09:59	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 09:59	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 09:59	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 09:59	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 09:59	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 09:59	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 09:59	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 09:59	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 09:59	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 09:59	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 09:59	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 09:59	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 09:59	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 09:59	1

Client Sample ID: EW-4008_INF

Date Collected: 02/18/16 13:45
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-72

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 09:59	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 09:59	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 09:59	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 09:59	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 09:59	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 09:59	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 09:59	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 09:59	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 09:59	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 09:59	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/01/16 09:59	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:59	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 09:59	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 09:59	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 09:59	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/01/16 09:59*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/01/16 09:59*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/01/16 09:59*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**9.9**		2.0	1.0	ug/L			02/25/16 17:47	1

Client Sample ID: EW-4009_INF

Date Collected: 02/18/16 07:52
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-73

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 10:18	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 10:18	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 10:18	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 10:18	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 10:18	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 10:18	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 10:18	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 10:18	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 10:18	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 10:18	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 10:18	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 10:18	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 10:18	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 10:18	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 10:18	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 10:18	1
cis-1,2-Dichloroethene	**1.4**		1.0	0.65	ug/L			03/01/16 10:18	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 10:18	1

Client Sample ID: EW-4009_INF
Date Collected: 02/18/16 07:52
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-73
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 10:18	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 10:18	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 10:18	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 10:18	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 10:18	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 10:18	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 10:18	1
1,1-Dichloroethane	**7.1**		1.0	0.52	ug/L			03/01/16 10:18	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 10:18	1
1,1-Dichloroethene	**3.4**		1.0	0.67	ug/L			03/01/16 10:18	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 10:18	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 10:18	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 10:18	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 10:18	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 10:18	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 10:18	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 10:18	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 10:18	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 10:18	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 10:18	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 10:18	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 10:18	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 10:18	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 10:18	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 10:18	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 10:18	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 10:18	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 10:18	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 10:18	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 10:18	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 10:18	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 10:18	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 10:18	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 10:18	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 10:18	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 10:18	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 10:18	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 10:18	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 10:18	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 10:18	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 10:18	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/01/16 10:18	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 10:18	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 10:18	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 10:18	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 10:18	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 10:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 10:18*	*1*

Client Sample ID: EW-4009_INF

Lab Sample ID: 660-72177-73

Date Collected: 02/18/16 07:52

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*108*		*70 - 130*		*03/01/16 10:18*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/01/16 10:18*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**23**		2.0	1.0	ug/L			02/25/16 18:05	1

Client Sample ID: EW-4010_INF

Lab Sample ID: 660-72177-74

Date Collected: 02/18/16 13:24

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 12:07	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 12:07	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 12:07	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 12:07	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:07	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 12:07	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 12:07	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 12:07	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 12:07	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 12:07	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 12:07	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:07	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 12:07	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 12:07	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 12:07	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 12:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/01/16 12:07	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 12:07	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 12:07	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 12:07	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 12:07	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 12:07	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 12:07	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 12:07	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:07	1
1,1-Dichloroethane	**1.5**		1.0	0.52	ug/L			03/01/16 12:07	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 12:07	1
1,1-Dichloroethene	**1.7**		1.0	0.67	ug/L			03/01/16 12:07	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 12:07	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 12:07	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 12:07	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 12:07	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 12:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 12:07	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 12:07	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 12:07	1

Client Sample ID: EW-4010_INF

Lab Sample ID: 660-72177-74

Date Collected: 02/18/16 13:24

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 12:07	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 12:07	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 12:07	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 12:07	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 12:07	1
m-Xylene & p-Xylene	**0.64**	**I**	2.0	0.60	ug/L			03/01/16 12:07	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 12:07	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 12:07	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 12:07	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 12:07	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 12:07	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 12:07	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 12:07	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 12:07	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 12:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 12:07	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 12:07	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 12:07	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 12:07	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 12:07	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 12:07	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 12:07	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 12:07	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/01/16 12:07	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:07	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 12:07	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 12:07	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 12:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/01/16 12:07*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/01/16 12:07*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/01/16 12:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**29**		2.0	1.0	ug/L			02/25/16 18:24	1

Client Sample ID: EW-4011_INF

Lab Sample ID: 660-72177-75

Date Collected: 02/18/16 13:19

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 12:26	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 12:26	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 12:26	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 12:26	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:26	1

Client Sample ID: EW-4011_INF
Date Collected: 02/18/16 13:19
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-75
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 12:26	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 12:26	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 12:26	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 12:26	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 12:26	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 12:26	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:26	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 12:26	1
Chloromethane	**3.5**	**I**	4.0	1.0	ug/L			03/01/16 12:26	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 12:26	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 12:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/01/16 12:26	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 12:26	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 12:26	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 12:26	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 12:26	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 12:26	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 12:26	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 12:26	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:26	1
1,1-Dichloroethane	**1.3**		1.0	0.52	ug/L			03/01/16 12:26	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 12:26	1
1,1-Dichloroethene	**1.6**		1.0	0.67	ug/L			03/01/16 12:26	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 12:26	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 12:26	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 12:26	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 12:26	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 12:26	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 12:26	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 12:26	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 12:26	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 12:26	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 12:26	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 12:26	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 12:26	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 12:26	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 12:26	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 12:26	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 12:26	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 12:26	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 12:26	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 12:26	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 12:26	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 12:26	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 12:26	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 12:26	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 12:26	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 12:26	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 12:26	1

Client Sample ID: EW-4011_INF

Lab Sample ID: 660-72177-75

Date Collected: 02/18/16 13:19

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 12:26	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 12:26	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 12:26	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 12:26	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 12:26	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/01/16 12:26	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:26	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 12:26	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 12:26	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 12:26	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/01/16 12:26*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/01/16 12:26*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/01/16 12:26*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**28**		2.0	1.0	ug/L			02/25/16 18:42	1

Client Sample ID: EW-5001_INF

Lab Sample ID: 660-72177-76

Date Collected: 02/19/16 07:48

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 12:44	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 12:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 12:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 12:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 12:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 12:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 12:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 12:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 12:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 12:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 12:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 12:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 12:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 12:44	1
cis-1,2-Dichloroethene	**3.7**		1.0	0.65	ug/L			03/01/16 12:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 12:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 12:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 12:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 12:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 12:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 12:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-5001_INF
Date Collected: 02/19/16 07:48
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-76
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 12:44	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:44	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/01/16 12:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 12:44	1
1,1-Dichloroethene	**2.0**		1.0	0.67	ug/L			03/01/16 12:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 12:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 12:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 12:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 12:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 12:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 12:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 12:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 12:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 12:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 12:44	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 12:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 12:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 12:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 12:44	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 12:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 12:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 12:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 12:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 12:44	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 12:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 12:44	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 12:44	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 12:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 12:44	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 12:44	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 12:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 12:44	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 12:44	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 12:44	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 12:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 12:44	1
Trichloroethene	**7.3**		1.0	0.61	ug/L			03/01/16 12:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 12:44	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 12:44	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 12:44	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 12:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 12:44*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/01/16 12:44*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/01/16 12:44*	*1*

Client Sample ID: EW-5001_INF

Lab Sample ID: 660-72177-76

Date Collected: 02/19/16 07:48

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**8.6**		2.0	1.0	ug/L			02/25/16 19:01	1

Client Sample ID: EW-5002_INF

Lab Sample ID: 660-72177-77

Date Collected: 02/18/16 11:00

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 13:03	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 13:03	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 13:03	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 13:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:03	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 13:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 13:03	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 13:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 13:03	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 13:03	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 13:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 13:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 13:03	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 13:03	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 13:03	1
cis-1,2-Dichloroethene	**2.3**		1.0	0.65	ug/L			03/01/16 13:03	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 13:03	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 13:03	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 13:03	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 13:03	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 13:03	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 13:03	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 13:03	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:03	1
1,1-Dichloroethane	**3.1**		1.0	0.52	ug/L			03/01/16 13:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 13:03	1
1,1-Dichloroethene	**4.0**		1.0	0.67	ug/L			03/01/16 13:03	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 13:03	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 13:03	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 13:03	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 13:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 13:03	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 13:03	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 13:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 13:03	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 13:03	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 13:03	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 13:03	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 13:03	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 13:03	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 13:03	1

Client Sample ID: EW-5002_INF

Lab Sample ID: 660-72177-77

Date Collected: 02/18/16 11:00

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 13:03	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 13:03	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 13:03	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 13:03	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 13:03	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 13:03	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 13:03	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 13:03	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 13:03	1
Tetrachloroethene	**5.9**		1.0	0.50	ug/L			03/01/16 13:03	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 13:03	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 13:03	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 13:03	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 13:03	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 13:03	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 13:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 13:03	1
Trichloroethene	**4.6**		1.0	0.61	ug/L			03/01/16 13:03	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:03	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 13:03	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 13:03	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 13:03	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/01/16 13:03*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/01/16 13:03*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/01/16 13:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.2**		2.0	1.0	ug/L			02/26/16 11:59	1

Client Sample ID: EW-2101_INF

Lab Sample ID: 660-72177-78

Date Collected: 02/18/16 07:32

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 13:22	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 13:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 13:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 13:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 13:22	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 13:22	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 13:22	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 13:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 13:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 13:22	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2101_INF
Date Collected: 02/18/16 07:32
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-78
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 13:22	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 13:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 13:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 13:22	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/01/16 13:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 13:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 13:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 13:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 13:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 13:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 13:22	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 13:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:22	1
1,1-Dichloroethane	**1.3**		1.0	0.52	ug/L			03/01/16 13:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 13:22	1
1,1-Dichloroethene	**2.2**		1.0	0.67	ug/L			03/01/16 13:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 13:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 13:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 13:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 13:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 13:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 13:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 13:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 13:22	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 13:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 13:22	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 13:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 13:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 13:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 13:22	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 13:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 13:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 13:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 13:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 13:22	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 13:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 13:22	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 13:22	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 13:22	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 13:22	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 13:22	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 13:22	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 13:22	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 13:22	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 13:22	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 13:22	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 13:22	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/01/16 13:22	1

Client Sample ID: EW-2101_INF

Lab Sample ID: 660-72177-78

Date Collected: 02/18/16 07:32

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:22	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 13:22	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 13:22	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 13:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 13:22*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/01/16 13:22*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/01/16 13:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.0**		2.0	1.0	ug/L			02/26/16 13:31	1

Client Sample ID: EW-2102_INF

Lab Sample ID: 660-72177-79

Date Collected: 02/18/16 07:25

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 13:41	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 13:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 13:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 13:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 13:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 13:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 13:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 13:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 13:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 13:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 13:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 13:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 13:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 13:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/01/16 13:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 13:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 13:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 13:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 13:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 13:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 13:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 13:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:41	1
1,1-Dichloroethane	**1.2**		1.0	0.52	ug/L			03/01/16 13:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 13:41	1
1,1-Dichloroethene	**5.1**		1.0	0.67	ug/L			03/01/16 13:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 13:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2102_INF
Date Collected: 02/18/16 07:25
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-79
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 13:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 13:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 13:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 13:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 13:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 13:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 13:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 13:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 13:41	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 13:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 13:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 13:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 13:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 13:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 13:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 13:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 13:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 13:41	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 13:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 13:41	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 13:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 13:41	1
Tetrachloroethene	**3.5**		1.0	0.50	ug/L			03/01/16 13:41	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 13:41	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 13:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 13:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 13:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 13:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 13:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 13:41	1
Trichloroethene	**6.5**		1.0	0.61	ug/L			03/01/16 13:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 13:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 13:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 13:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 13:41*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/01/16 13:41*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/01/16 13:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.8**		2.0	1.0	ug/L			02/26/16 13:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2103_INF
Date Collected: 02/19/16 09:20
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-80
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 14:18	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 14:18	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 14:18	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 14:18	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 14:18	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 14:18	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 14:18	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 14:18	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 14:18	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 14:18	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 14:18	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 14:18	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 14:18	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 14:18	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 14:18	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 14:18	1
cis-1,2-Dichloroethene	**5.3**		1.0	0.65	ug/L			03/01/16 14:18	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 14:18	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 14:18	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 14:18	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 14:18	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 14:18	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 14:18	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 14:18	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 14:18	1
1,1-Dichloroethane	**18**		1.0	0.52	ug/L			03/01/16 14:18	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 14:18	1
1,1-Dichloroethene	**26**		1.0	0.67	ug/L			03/01/16 14:18	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 14:18	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 14:18	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 14:18	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 14:18	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 14:18	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 14:18	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 14:18	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 14:18	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 14:18	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 14:18	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 14:18	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 14:18	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 14:18	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 14:18	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 14:18	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 14:18	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 14:18	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 14:18	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 14:18	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 14:18	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 14:18	1

Client Sample ID: EW-2103_INF

Lab Sample ID: 660-72177-80

Date Collected: 02/19/16 09:20

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 14:18	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 14:18	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 14:18	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 14:18	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 14:18	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 14:18	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 14:18	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 14:18	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 14:18	1
Trichloroethene	**45**		1.0	0.61	ug/L			03/01/16 14:18	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 14:18	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 14:18	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 14:18	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 14:18	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/01/16 14:18*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*03/01/16 14:18*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/01/16 14:18*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**170**		10	5.0	ug/L			03/02/16 12:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/02/16 12:14*	*10*
Dibromofluoromethane	*104*		*70 - 130*		*03/02/16 12:14*	*10*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/02/16 12:14*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**140**		10	5.0	ug/L			02/29/16 20:56	5

Client Sample ID: EW-2104_INF

Lab Sample ID: 660-72177-81

Date Collected: 02/18/16 13:56

Matrix: Water

Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 13:59	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 13:59	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 13:59	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 13:59	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:59	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 13:59	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 13:59	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 13:59	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 13:59	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 13:59	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 13:59	1

Client Sample ID: EW-2104_INF
Date Collected: 02/18/16 13:56
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-81
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:59	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 13:59	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 13:59	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 13:59	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 13:59	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/01/16 13:59	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 13:59	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 13:59	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 13:59	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 13:59	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 13:59	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 13:59	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 13:59	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:59	1
1,1-Dichloroethane	**3.0**		1.0	0.52	ug/L			03/01/16 13:59	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 13:59	1
1,1-Dichloroethene	**2.7**		1.0	0.67	ug/L			03/01/16 13:59	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 13:59	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 13:59	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 13:59	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 13:59	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 13:59	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 13:59	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 13:59	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 13:59	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 13:59	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 13:59	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 13:59	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 13:59	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 13:59	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 13:59	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 13:59	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 13:59	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 13:59	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 13:59	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 13:59	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 13:59	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 13:59	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 13:59	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 13:59	1
Tetrachloroethene	**2.9**		1.0	0.50	ug/L			03/01/16 13:59	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 13:59	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 13:59	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 13:59	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 13:59	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 13:59	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 13:59	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 13:59	1
Trichloroethene	**2.0**		1.0	0.61	ug/L			03/01/16 13:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2104_INF

Lab Sample ID: 660-72177-81

Date Collected: 02/18/16 13:56
Matrix: Water
Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 13:59	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 13:59	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 13:59	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 13:59	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/01/16 13:59*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/01/16 13:59*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/01/16 13:59*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	61		4.0	2.0	ug/L			02/26/16 14:27	2

Client Sample ID: Trip Blank

Lab Sample ID: 660-72177-82

Date Collected: 02/17/16 00:00
Matrix: Water
Date Received: 02/19/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 00:21	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 00:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 00:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 00:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 00:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 00:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 00:21	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 00:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 00:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 00:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 00:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 00:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 00:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 00:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 00:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 00:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/01/16 00:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 00:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 00:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 00:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 00:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 00:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 00:21	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 00:21	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 00:21	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/01/16 00:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 00:21	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 00:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 00:21	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: Trip Blank
Date Collected: 02/17/16 00:00
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-82
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 00:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 00:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 00:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 00:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 00:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 00:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 00:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 00:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 00:21	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 00:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 00:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 00:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 00:21	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 00:21	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 00:21	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 00:21	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 00:21	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 00:21	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 00:21	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 00:21	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 00:21	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 00:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 00:21	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 00:21	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 00:21	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 00:21	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 00:21	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 00:21	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 00:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 00:21	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/01/16 00:21	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 00:21	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 00:21	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 00:21	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 00:21	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/01/16 00:21*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*03/01/16 00:21*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/01/16 00:21*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/26/16 13:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-166823/7
Matrix: Water
Analysis Batch: 166823

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/27/16 15:15	1
Benzene	0.50	U	1.0	0.50	ug/L			02/27/16 15:15	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/27/16 15:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/27/16 15:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/27/16 15:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/27/16 15:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/27/16 15:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/27/16 15:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/27/16 15:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/27/16 15:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/27/16 15:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/27/16 15:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/27/16 15:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/27/16 15:15	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/27/16 15:15	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/27/16 15:15	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/27/16 15:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/27/16 15:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/27/16 15:15	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/27/16 15:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/27/16 15:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/27/16 15:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/27/16 15:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/27/16 15:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/27/16 15:15	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/27/16 15:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/27/16 15:15	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/27/16 15:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/27/16 15:15	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/27/16 15:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/27/16 15:15	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/27/16 15:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/27/16 15:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/27/16 15:15	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/27/16 15:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/27/16 15:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/27/16 15:15	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/27/16 15:15	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/27/16 15:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/27/16 15:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/27/16 15:15	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/27/16 15:15	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/27/16 15:15	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/27/16 15:15	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/27/16 15:15	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/27/16 15:15	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/27/16 15:15	1
Styrene	0.98	U	2.0	0.98	ug/L			02/27/16 15:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166823/7
Matrix: Water
Analysis Batch: 166823

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/27/16 15:15	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/27/16 15:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/27/16 15:15	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/27/16 15:15	1
Toluene	0.51	U	1.0	0.51	ug/L			02/27/16 15:15	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/27/16 15:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/27/16 15:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/27/16 15:15	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/27/16 15:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/27/16 15:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/27/16 15:15	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/27/16 15:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/27/16 15:15	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/27/16 15:15	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/27/16 15:15	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/27/16 15:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/27/16 15:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/27/16 15:15*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*02/27/16 15:15*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/27/16 15:15*	*1*

Lab Sample ID: LCS 660-166823/4
Matrix: Water
Analysis Batch: 166823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	103		ug/L		103	62 - 142
Benzene	10.0	9.42		ug/L		94	68 - 134
Bromobenzene	10.0	9.80		ug/L		98	70 - 130
Bromoform	10.0	9.37		ug/L		94	65 - 130
Bromomethane	10.0	8.59		ug/L		86	22 - 150
2-Butanone (MEK)	100	78.2		ug/L		78	63 - 140
Carbon disulfide	10.0	9.08		ug/L		91	30 - 150
Carbon tetrachloride	10.0	10.1		ug/L		101	61 - 134
Chlorobenzene	10.0	9.81		ug/L		98	70 - 130
Chlorobromomethane	10.0	10.1		ug/L		101	70 - 130
Chlorodibromomethane	10.0	7.76		ug/L		78	70 - 130
Chloroethane	10.0	10.0		ug/L		100	39 - 150
Chloroform	10.0	10.5		ug/L		105	68 - 130
Chloromethane	10.0	7.45		ug/L		75	35 - 150
2-Chlorotoluene	10.0	10.4		ug/L		104	70 - 130
4-Chlorotoluene	10.0	10.6		ug/L		106	70 - 130
cis-1,2-Dichloroethene	10.0	9.95		ug/L		100	66 - 130
cis-1,3-Dichloropropene	10.0	8.05		ug/L		80	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.39		ug/L		84	63 - 130
Dibromomethane	10.0	10.1		ug/L		101	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166823/4
Matrix: Water
Analysis Batch: 166823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
1,3-Dichlorobenzene	10.0	9.77		ug/L		98	70 - 130
1,4-Dichlorobenzene	10.0	9.78		ug/L		98	70 - 130
Dichlorobromomethane	10.0	8.61		ug/L		86	70 - 130
Dichlorodifluoromethane	10.0	5.46		ug/L		55	16 - 149
1,1-Dichloroethane	10.0	9.84		ug/L		98	66 - 130
1,2-Dichloroethane	10.0	10.4		ug/L		104	70 - 130
1,1-Dichloroethene	10.0	8.93		ug/L		89	51 - 150
1,2-Dichloropropane	10.0	9.38		ug/L		94	70 - 130
1,3-Dichloropropane	10.0	9.43		ug/L		94	70 - 130
2,2-Dichloropropane	10.0	10.2		ug/L		102	66 - 134
1,1-Dichloropropene	10.0	9.11		ug/L		91	65 - 136
Ethylbenzene	10.0	9.51		ug/L		95	70 - 130
Ethylene Dibromide	10.0	9.10		ug/L		91	66 - 130
Hexachlorobutadiene	10.0	9.62		ug/L		96	62 - 143
2-Hexanone	100	91.6		ug/L		92	60 - 148
Isopropylbenzene	10.0	9.58		ug/L		96	62 - 130
4-Isopropyltoluene	10.0	9.66		ug/L		97	65 - 134
Methylene Chloride	10.0	9.02		ug/L		90	57 - 130
4-Methyl-2-pentanone (MIBK)	100	89.1		ug/L		89	64 - 137
Methyl tert-butyl ether	10.0	9.43		ug/L		94	67 - 130
Naphthalene	10.0	10.2		ug/L		102	50 - 136
n-Butylbenzene	10.0	9.68		ug/L		97	61 - 131
N-Propylbenzene	10.0	9.84		ug/L		98	67 - 130
o-Xylene	10.0	9.61		ug/L		96	69 - 130
sec-Butylbenzene	10.0	9.41		ug/L		94	68 - 133
Styrene	10.0	10.0		ug/L		100	68 - 131
tert-Butylbenzene	10.0	10.2		ug/L		102	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.37		ug/L		84	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.16		ug/L		82	70 - 130
Tetrachloroethene	10.0	8.75		ug/L		88	50 - 143
Toluene	10.0	9.27		ug/L		93	70 - 131
trans-1,2-Dichloroethene	10.0	9.67		ug/L		97	62 - 139
trans-1,3-Dichloropropene	10.0	7.79		ug/L		78	67 - 130
1,2,3-Trichlorobenzene	10.0	10.2		ug/L		102	58 - 132
1,2,4-Trichlorobenzene	10.0	10.1		ug/L		101	66 - 130
1,1,1-Trichloroethane	10.0	9.75		ug/L		98	63 - 132
1,1,2-Trichloroethane	10.0	9.35		ug/L		93	70 - 130
Trichloroethene	10.0	8.14		ug/L		81	63 - 139
Trichlorofluoromethane	10.0	9.69		ug/L		97	62 - 146
1,2,3-Trichloropropane	10.0	9.35		ug/L		94	66 - 130
1,2,4-Trimethylbenzene	10.0	10.4		ug/L		104	70 - 132
1,3,5-Trimethylbenzene	10.0	9.22		ug/L		92	65 - 134
Vinyl chloride	10.0	7.72		ug/L		77	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166823/4
Matrix: Water
Analysis Batch: 166823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: LCSD 660-166823/5
Matrix: Water
Analysis Batch: 166823

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	109		ug/L		109	62 - 142	6	30
Benzene			10.0	9.48		ug/L		95	68 - 134	1	30
Bromobenzene			10.0	9.68		ug/L		97	70 - 130	1	30
Bromoform			10.0	9.93		ug/L		99	65 - 130	6	30
Bromomethane			10.0	8.24		ug/L		82	22 - 150	4	30
2-Butanone (MEK)			100	82.5		ug/L		83	63 - 140	5	30
Carbon disulfide			10.0	9.13		ug/L		91	30 - 150	1	30
Carbon tetrachloride			10.0	10.3		ug/L		103	61 - 134	2	30
Chlorobenzene			10.0	9.97		ug/L		100	70 - 130	2	30
Chlorobromomethane			10.0	9.97		ug/L		100	70 - 130	1	30
Chlorodibromomethane			10.0	8.00		ug/L		80	70 - 130	3	30
Chloroethane			10.0	12.2		ug/L		122	39 - 150	19	30
Chloroform			10.0	10.1		ug/L		101	68 - 130	4	30
Chloromethane			10.0	8.02		ug/L		80	35 - 150	7	30
2-Chlorotoluene			10.0	10.6		ug/L		106	70 - 130	2	30
4-Chlorotoluene			10.0	10.8		ug/L		108	70 - 130	2	30
cis-1,2-Dichloroethene			10.0	10.3		ug/L		103	66 - 130	4	30
cis-1,3-Dichloropropene			10.0	8.13		ug/L		81	70 - 130	1	30
1,2-Dibromo-3-Chloropropane			10.0	8.38		ug/L		84	63 - 130	0	30
Dibromomethane			10.0	9.84		ug/L		98	70 - 130	3	30
1,2-Dichlorobenzene			10.0	10.1		ug/L		101	70 - 130	0	30
1,3-Dichlorobenzene			10.0	9.79		ug/L		98	70 - 130	0	30
1,4-Dichlorobenzene			10.0	10.4		ug/L		104	70 - 130	6	30
Dichlorobromomethane			10.0	8.83		ug/L		88	70 - 130	3	30
Dichlorodifluoromethane			10.0	5.61		ug/L		56	16 - 149	3	30
1,1-Dichloroethane			10.0	10.2		ug/L		102	66 - 130	4	30
1,2-Dichloroethane			10.0	10.5		ug/L		105	70 - 130	1	30
1,1-Dichloroethene			10.0	9.21		ug/L		92	51 - 150	3	30
1,2-Dichloropropane			10.0	9.48		ug/L		95	70 - 130	1	30
1,3-Dichloropropane			10.0	9.76		ug/L		98	70 - 130	3	30
2,2-Dichloropropane			10.0	10.9		ug/L		109	66 - 134	7	30
1,1-Dichloropropene			10.0	9.66		ug/L		97	65 - 136	6	30
Ethylbenzene			10.0	9.66		ug/L		97	70 - 130	2	30
Ethylene Dibromide			10.0	9.13		ug/L		91	66 - 130	0	30
Hexachlorobutadiene			10.0	9.97		ug/L		100	62 - 143	4	30
2-Hexanone			100	104		ug/L		104	60 - 148	13	30
Isopropylbenzene			10.0	10.1		ug/L		101	62 - 130	5	30
4-Isopropyltoluene			10.0	9.94		ug/L		99	65 - 134	3	30
Methylene Chloride			10.0	8.90		ug/L		89	57 - 130	1	30
4-Methyl-2-pentanone (MIBK)			100	98.4		ug/L		98	64 - 137	10	30
Methyl tert-butyl ether			10.0	9.58		ug/L		96	67 - 130	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166823/5
Matrix: Water
Analysis Batch: 166823

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	10.1		ug/L		101	50 - 136	1	30
n-Butylbenzene			10.0	9.96		ug/L		100	61 - 131	3	30
N-Propylbenzene			10.0	10.1		ug/L		101	67 - 130	3	30
o-Xylene			10.0	10.1		ug/L		101	69 - 130	5	30
sec-Butylbenzene			10.0	9.75		ug/L		97	68 - 133	4	30
Styrene			10.0	10.1		ug/L		101	68 - 131	1	30
tert-Butylbenzene			10.0	10.7		ug/L		107	64 - 130	5	30
1,1,1,2-Tetrachloroethane			10.0	8.41		ug/L		84	70 - 130	0	30
1,1,2,2-Tetrachloroethane			10.0	8.48		ug/L		85	70 - 130	4	30
Tetrachloroethene			10.0	8.97		ug/L		90	50 - 143	2	30
Toluene			10.0	9.55		ug/L		96	70 - 131	3	30
trans-1,2-Dichloroethene			10.0	9.95		ug/L		100	62 - 139	3	30
trans-1,3-Dichloropropene			10.0	8.09		ug/L		81	67 - 130	4	30
1,2,3-Trichlorobenzene			10.0	10.2		ug/L		102	58 - 132	0	30
1,2,4-Trichlorobenzene			10.0	10.2		ug/L		102	66 - 130	1	30
1,1,1-Trichloroethane			10.0	10.0		ug/L		100	63 - 132	3	30
1,1,2-Trichloroethane			10.0	9.32		ug/L		93	70 - 130	0	30
Trichloroethene			10.0	8.68		ug/L		87	63 - 139	6	30
Trichlorofluoromethane			10.0	11.3		ug/L		113	62 - 146	15	30
1,2,3-Trichloropropane			10.0	9.84		ug/L		98	66 - 130	5	30
1,2,4-Trimethylbenzene			10.0	10.7		ug/L		107	70 - 132	3	30
1,3,5-Trimethylbenzene			10.0	9.65		ug/L		97	65 - 134	5	30
Vinyl chloride			10.0	7.93		ug/L		79	48 - 147	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-72177-2 MS
Matrix: Water
Analysis Batch: 166823

Client Sample ID: EW-2002_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	86.3		ug/L		86	62 - 142
Benzene	0.50	U	10.0	8.77		ug/L		88	68 - 134
Bromobenzene	0.58	U	10.0	8.80		ug/L		88	70 - 130
Bromoform	0.63	U	10.0	8.57		ug/L		86	65 - 130
Bromomethane	2.5	U	10.0	8.22		ug/L		82	22 - 150
2-Butanone (MEK)	8.4	U	100	68.5		ug/L		69	63 - 140
Carbon disulfide	1.0	U	10.0	8.36		ug/L		84	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.30		ug/L		93	61 - 134
Chlorobenzene	0.63	U	10.0	8.95		ug/L		89	70 - 130
Chlorobromomethane	0.58	U	10.0	9.35		ug/L		93	70 - 130
Chlorodibromomethane	0.31	U	10.0	7.11		ug/L		71	70 - 130
Chloroethane	2.5	U	10.0	9.25		ug/L		92	39 - 150
Chloroform	0.90	U	10.0	9.55		ug/L		95	68 - 130
Chloromethane	1.0	U	10.0	7.56		ug/L		76	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-2 MS
Matrix: Water
Analysis Batch: 166823

Client Sample ID: EW-2002_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	9.63		ug/L		96	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.71		ug/L		97	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.10		ug/L		91	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.41		ug/L		74	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.69		ug/L		77	63 - 130
Dibromomethane	0.46	U	10.0	8.92		ug/L		89	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.12		ug/L		91	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.08		ug/L		91	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.14		ug/L		91	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.04		ug/L		80	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	5.79		ug/L		58	16 - 149
1,1-Dichloroethane	0.84	I	10.0	10.4		ug/L		96	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.62		ug/L		96	70 - 130
1,1-Dichloroethene	0.74	I	10.0	8.76		ug/L		80	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.74		ug/L		87	70 - 130
1,3-Dichloropropane	0.42	U	10.0	8.49		ug/L		85	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.40		ug/L		94	66 - 134
1,1-Dichloropropene	0.65	U	10.0	8.50		ug/L		85	65 - 136
Ethylbenzene	0.44	U	10.0	8.79		ug/L		88	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.17		ug/L		82	66 - 130
Hexachlorobutadiene	0.34	U	10.0	8.38		ug/L		84	62 - 143
2-Hexanone	4.4	U	100	91.9		ug/L		92	60 - 148
Isopropylbenzene	0.52	U	10.0	9.15		ug/L		91	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.87		ug/L		89	65 - 134
Methylene Chloride	4.0	U	10.0	7.97		ug/L		80	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	84.7		ug/L		85	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	8.54		ug/L		85	67 - 130
Naphthalene	2.5	U	10.0	8.37		ug/L		84	50 - 136
n-Butylbenzene	0.67	U	10.0	8.96		ug/L		90	61 - 131
N-Propylbenzene	0.59	U	10.0	9.17		ug/L		92	67 - 130
o-Xylene	0.50	U	10.0	9.41		ug/L		94	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.71		ug/L		87	68 - 133
Styrene	0.98	U	10.0	9.35		ug/L		93	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.41		ug/L		94	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	7.64		ug/L		76	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	7.84		ug/L		78	70 - 130
Tetrachloroethene	0.50	U	10.0	8.38		ug/L		84	50 - 143
Toluene	0.51	U	10.0	8.70		ug/L		87	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.98		ug/L		90	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.22		ug/L		72	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.36		ug/L		84	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.57		ug/L		86	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.02		ug/L		90	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	8.53		ug/L		85	70 - 130
Trichloroethene	0.61	U	10.0	7.91		ug/L		79	63 - 139
Trichlorofluoromethane	2.5	U	10.0	11.5		ug/L		115	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	8.52		ug/L		85	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.65		ug/L		97	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-2 MS
Matrix: Water
Analysis Batch: 166823

Client Sample ID: EW-2002_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	8.67		ug/L		87	65 - 134
Vinyl chloride	0.71	U	10.0	8.23		ug/L		82	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-72177-1 DU
Matrix: Water
Analysis Batch: 166823

Client Sample ID: EW-2001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-1 DU
Matrix: Water
Analysis Batch: 166823

Client Sample ID: EW-2001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Isopropylbenzene	0.52	U	0.52	U	ug/L		NC	30
4-Isopropyltoluene	0.69	U	0.69	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30
Methyl tert-butyl ether	0.44	U	0.44	U	ug/L		NC	30
m-Xylene & p-Xylene	0.60	U	0.60	U	ug/L		NC	30
Naphthalene	2.5	U	2.5	U	ug/L		NC	30
n-Butylbenzene	0.67	U	0.67	U	ug/L		NC	30
N-Propylbenzene	0.59	U	0.59	U	ug/L		NC	30
o-Xylene	0.50	U	0.50	U	ug/L		NC	30
sec-Butylbenzene	0.63	U	0.63	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
tert-Butylbenzene	0.84	U	0.84	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.17	U	0.17	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.51	U	0.51	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.27	U	0.27	U	ug/L		NC	30
1,2,3-Trichlorobenzene	0.77	U	0.77	U	ug/L		NC	30
1,2,4-Trichlorobenzene	0.58	U	0.58	U	ug/L		NC	30
1,1,1-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
1,1,2-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Trichlorofluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,2,3-Trichloropropane	0.44	U	0.44	U	ug/L		NC	30
1,2,4-Trimethylbenzene	0.86	U	0.86	U	ug/L		NC	30
1,3,5-Trimethylbenzene	0.54	U	0.54	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 660-166832/7
Matrix: Water
Analysis Batch: 166832

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/28/16 16:49	1
Benzene	0.50	U	1.0	0.50	ug/L			02/28/16 16:49	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 16:49	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/28/16 16:49	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/28/16 16:49	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/28/16 16:49	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/28/16 16:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166832/7
Matrix: Water
Analysis Batch: 166832

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/28/16 16:49	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/28/16 16:49	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/28/16 16:49	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/28/16 16:49	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/28/16 16:49	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/28/16 16:49	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/28/16 16:49	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/28/16 16:49	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/28/16 16:49	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/28/16 16:49	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/28/16 16:49	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/28/16 16:49	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/28/16 16:49	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/28/16 16:49	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/28/16 16:49	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/28/16 16:49	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/28/16 16:49	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 16:49	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/28/16 16:49	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/28/16 16:49	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 16:49	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/28/16 16:49	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/28/16 16:49	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/28/16 16:49	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/28/16 16:49	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/28/16 16:49	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/28/16 16:49	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/28/16 16:49	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/28/16 16:49	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/28/16 16:49	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/28/16 16:49	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/28/16 16:49	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/28/16 16:49	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/28/16 16:49	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/28/16 16:49	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/28/16 16:49	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/28/16 16:49	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/28/16 16:49	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/28/16 16:49	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/28/16 16:49	1
Styrene	0.98	U	2.0	0.98	ug/L			02/28/16 16:49	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/28/16 16:49	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/28/16 16:49	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/28/16 16:49	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/28/16 16:49	1
Toluene	0.51	U	1.0	0.51	ug/L			02/28/16 16:49	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/28/16 16:49	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/28/16 16:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166832/7
Matrix: Water
Analysis Batch: 166832

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/28/16 16:49	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/28/16 16:49	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 16:49	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/28/16 16:49	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/28/16 16:49	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/28/16 16:49	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/28/16 16:49	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/28/16 16:49	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/28/16 16:49	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/28/16 16:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/28/16 16:49*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/28/16 16:49*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/28/16 16:49*	*1*

Lab Sample ID: LCS 660-166832/4
Matrix: Water
Analysis Batch: 166832

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	104		ug/L		104	62 - 142
Benzene	10.0	9.62		ug/L		96	68 - 134
Bromobenzene	10.0	10.1		ug/L		101	70 - 130
Bromoform	10.0	9.68		ug/L		97	65 - 130
Bromomethane	10.0	9.52		ug/L		95	22 - 150
2-Butanone (MEK)	100	79.6		ug/L		80	63 - 140
Carbon disulfide	10.0	9.28		ug/L		93	30 - 150
Carbon tetrachloride	10.0	10.2		ug/L		102	61 - 134
Chlorobenzene	10.0	10.0		ug/L		100	70 - 130
Chlorobromomethane	10.0	9.86		ug/L		99	70 - 130
Chlorodibromomethane	10.0	7.90		ug/L		79	70 - 130
Chloroethane	10.0	10.3		ug/L		103	39 - 150
Chloroform	10.0	10.3		ug/L		103	68 - 130
Chloromethane	10.0	8.42		ug/L		84	35 - 150
2-Chlorotoluene	10.0	11.0		ug/L		110	70 - 130
4-Chlorotoluene	10.0	11.0		ug/L		110	70 - 130
cis-1,2-Dichloroethene	10.0	10.7		ug/L		107	66 - 130
cis-1,3-Dichloropropene	10.0	8.53		ug/L		85	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.06		ug/L		91	63 - 130
Dibromomethane	10.0	10.1		ug/L		101	70 - 130
1,2-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
1,3-Dichlorobenzene	10.0	10.0		ug/L		100	70 - 130
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
Dichlorobromomethane	10.0	9.30		ug/L		93	70 - 130
Dichlorodifluoromethane	10.0	6.84		ug/L		68	16 - 149
1,1-Dichloroethane	10.0	10.3		ug/L		103	66 - 130
1,2-Dichloroethane	10.0	10.5		ug/L		105	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166832/4
Matrix: Water
Analysis Batch: 166832

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	9.40		ug/L		94	51 - 150
1,2-Dichloropropane	10.0	9.28		ug/L		93	70 - 130
1,3-Dichloropropane	10.0	9.31		ug/L		93	70 - 130
2,2-Dichloropropane	10.0	10.6		ug/L		106	66 - 134
1,1-Dichloropropene	10.0	9.57		ug/L		96	65 - 136
Ethylbenzene	10.0	9.83		ug/L		98	70 - 130
Ethylene Dibromide	10.0	9.70		ug/L		97	66 - 130
Hexachlorobutadiene	10.0	10.3		ug/L		103	62 - 143
2-Hexanone	100	97.3		ug/L		97	60 - 148
Isopropylbenzene	10.0	10.1		ug/L		101	62 - 130
4-Isopropyltoluene	10.0	10.1		ug/L		101	65 - 134
Methylene Chloride	10.0	8.85		ug/L		89	57 - 130
4-Methyl-2-pentanone (MIBK)	100	100		ug/L		100	64 - 137
Methyl tert-butyl ether	10.0	9.37		ug/L		94	67 - 130
Naphthalene	10.0	10.2		ug/L		102	50 - 136
n-Butylbenzene	10.0	10.2		ug/L		102	61 - 131
N-Propylbenzene	10.0	10.3		ug/L		103	67 - 130
o-Xylene	10.0	10.2		ug/L		102	69 - 130
sec-Butylbenzene	10.0	9.97		ug/L		100	68 - 133
Styrene	10.0	10.3		ug/L		103	68 - 131
tert-Butylbenzene	10.0	11.2		ug/L		112	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.65		ug/L		87	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.80		ug/L		88	70 - 130
Tetrachloroethene	10.0	9.27		ug/L		93	50 - 143
Toluene	10.0	9.68		ug/L		97	70 - 131
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	62 - 139
trans-1,3-Dichloropropene	10.0	8.28		ug/L		83	67 - 130
1,2,3-Trichlorobenzene	10.0	10.5		ug/L		105	58 - 132
1,2,4-Trichlorobenzene	10.0	10.3		ug/L		103	66 - 130
1,1,1-Trichloroethane	10.0	9.93		ug/L		99	63 - 132
1,1,2-Trichloroethane	10.0	9.46		ug/L		95	70 - 130
Trichloroethene	10.0	8.86		ug/L		89	63 - 139
Trichlorofluoromethane	10.0	12.6		ug/L		126	62 - 146
1,2,3-Trichloropropane	10.0	9.49		ug/L		95	66 - 130
1,2,4-Trimethylbenzene	10.0	10.9		ug/L		109	70 - 132
1,3,5-Trimethylbenzene	10.0	9.84		ug/L		98	65 - 134
Vinyl chloride	10.0	8.78		ug/L		88	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166832/5
Matrix: Water
Analysis Batch: 166832

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	101		ug/L		101	62 - 142	3	30
Benzene	10.0	9.50		ug/L		95	68 - 134	1	30
Bromobenzene	10.0	9.81		ug/L		98	70 - 130	3	30
Bromoform	10.0	9.91		ug/L		99	65 - 130	2	30
Bromomethane	10.0	9.00		ug/L		90	22 - 150	6	30
2-Butanone (MEK)	100	77.1		ug/L		77	63 - 140	3	30
Carbon disulfide	10.0	9.17		ug/L		92	30 - 150	1	30
Carbon tetrachloride	10.0	10.0		ug/L		100	61 - 134	2	30
Chlorobenzene	10.0	9.80		ug/L		98	70 - 130	2	30
Chlorobromomethane	10.0	9.29		ug/L		93	70 - 130	6	30
Chlorodibromomethane	10.0	7.87		ug/L		79	70 - 130	0	30
Chloroethane	10.0	11.4		ug/L		114	39 - 150	10	30
Chloroform	10.0	10.0		ug/L		100	68 - 130	3	30
Chloromethane	10.0	7.79		ug/L		78	35 - 150	8	30
2-Chlorotoluene	10.0	10.6		ug/L		106	70 - 130	4	30
4-Chlorotoluene	10.0	10.8		ug/L		108	70 - 130	2	30
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	66 - 130	3	30
cis-1,3-Dichloropropene	10.0	8.43		ug/L		84	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	10.0	8.89		ug/L		89	63 - 130	2	30
Dibromomethane	10.0	10.2		ug/L		102	70 - 130	1	30
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130	2	30
1,3-Dichlorobenzene	10.0	9.60		ug/L		96	70 - 130	4	30
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130	1	30
Dichlorobromomethane	10.0	8.87		ug/L		89	70 - 130	5	30
Dichlorodifluoromethane	10.0	7.15		ug/L		72	16 - 149	5	30
1,1-Dichloroethane	10.0	10.1		ug/L		101	66 - 130	2	30
1,2-Dichloroethane	10.0	10.6		ug/L		106	70 - 130	1	30
1,1-Dichloroethene	10.0	8.93		ug/L		89	51 - 150	5	30
1,2-Dichloropropane	10.0	9.34		ug/L		93	70 - 130	1	30
1,3-Dichloropropane	10.0	9.53		ug/L		95	70 - 130	2	30
2,2-Dichloropropane	10.0	10.6		ug/L		106	66 - 134	0	30
1,1-Dichloropropene	10.0	9.81		ug/L		98	65 - 136	2	30
Ethylbenzene	10.0	9.56		ug/L		96	70 - 130	3	30
Ethylene Dibromide	10.0	9.35		ug/L		93	66 - 130	4	30
Hexachlorobutadiene	10.0	9.74		ug/L		97	62 - 143	6	30
2-Hexanone	100	95.6		ug/L		96	60 - 148	2	30
Isopropylbenzene	10.0	9.91		ug/L		99	62 - 130	2	30
4-Isopropyltoluene	10.0	9.78		ug/L		98	65 - 134	3	30
Methylene Chloride	10.0	8.87		ug/L		89	57 - 130	0	30
4-Methyl-2-pentanone (MIBK)	100	91.3		ug/L		91	64 - 137	9	30
Methyl tert-butyl ether	10.0	9.46		ug/L		95	67 - 130	1	30
Naphthalene	10.0	9.98		ug/L		100	50 - 136	2	30
n-Butylbenzene	10.0	9.89		ug/L		99	61 - 131	3	30
N-Propylbenzene	10.0	10.0		ug/L		100	67 - 130	3	30
o-Xylene	10.0	10.3		ug/L		103	69 - 130	2	30
sec-Butylbenzene	10.0	9.77		ug/L		98	68 - 133	2	30
Styrene	10.0	10.4		ug/L		104	68 - 131	1	30
tert-Butylbenzene	10.0	10.2		ug/L		102	64 - 130	9	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166832/5
Matrix: Water
Analysis Batch: 166832

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			10.0	8.48		ug/L		85	70 - 130	2	30
1,1,2,2-Tetrachloroethane			10.0	8.57		ug/L		86	70 - 130	3	30
Tetrachloroethene			10.0	9.11		ug/L		91	50 - 143	2	30
Toluene			10.0	9.60		ug/L		96	70 - 131	1	30
trans-1,2-Dichloroethene			10.0	10.2		ug/L		102	62 - 139	1	30
trans-1,3-Dichloropropene			10.0	8.65		ug/L		87	67 - 130	4	30
1,2,3-Trichlorobenzene			10.0	10.1		ug/L		101	58 - 132	3	30
1,2,4-Trichlorobenzene			10.0	9.97		ug/L		100	66 - 130	3	30
1,1,1-Trichloroethane			10.0	10.1		ug/L		101	63 - 132	2	30
1,1,2-Trichloroethane			10.0	9.68		ug/L		97	70 - 130	2	30
Trichloroethene			10.0	9.11		ug/L		91	63 - 139	3	30
Trichlorofluoromethane			10.0	12.5		ug/L		125	62 - 146	1	30
1,2,3-Trichloropropane			10.0	10.1		ug/L		101	66 - 130	6	30
1,2,4-Trimethylbenzene			10.0	10.5		ug/L		105	70 - 132	4	30
1,3,5-Trimethylbenzene			10.0	9.63		ug/L		96	65 - 134	2	30
Vinyl chloride			10.0	8.60		ug/L		86	48 - 147	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-72177-8 MS
Matrix: Water
Analysis Batch: 166832

Client Sample ID: EW-2008_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acetone	9.9	U	100	82.5		ug/L		82	62 - 142		
Benzene	0.50	U	10.0	8.18		ug/L		82	68 - 134		
Bromobenzene	0.58	U	10.0	8.73		ug/L		87	70 - 130		
Bromoform	0.63	U	10.0	8.56		ug/L		86	65 - 130		
Bromomethane	2.5	U	10.0	7.01		ug/L		70	22 - 150		
2-Butanone (MEK)	8.4	U	100	68.5		ug/L		68	63 - 140		
Carbon disulfide	1.0	U	10.0	7.41		ug/L		74	30 - 150		
Carbon tetrachloride	0.43	U	10.0	8.62		ug/L		86	61 - 134		
Chlorobenzene	0.63	U	10.0	8.95		ug/L		89	70 - 130		
Chlorobromomethane	0.58	U	10.0	8.73		ug/L		87	70 - 130		
Chlorodibromomethane	0.31	U	10.0	7.02		ug/L		70	70 - 130		
Chloroethane	2.5	U	10.0	8.06		ug/L		81	39 - 150		
Chloroform	0.90	U	10.0	8.56		ug/L		86	68 - 130		
Chloromethane	2.1	I	10.0	8.65		ug/L		65	35 - 150		
2-Chlorotoluene	0.65	U	10.0	9.22		ug/L		92	70 - 130		
4-Chlorotoluene	0.52	U	10.0	9.40		ug/L		94	70 - 130		
cis-1,2-Dichloroethene	0.65	U	10.0	8.87		ug/L		89	66 - 130		
cis-1,3-Dichloropropene	0.39	U	10.0	7.49		ug/L		75	70 - 130		
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.30		ug/L		73	63 - 130		
Dibromomethane	0.46	U	10.0	9.13		ug/L		91	70 - 130		
1,2-Dichlorobenzene	0.49	U	10.0	9.30		ug/L		93	70 - 130		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-8 MS
Matrix: Water
Analysis Batch: 166832

Client Sample ID: EW-2008_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.64	U	10.0	8.85		ug/L		89	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.16		ug/L		92	70 - 130
Dichlorobromomethane	0.44	U	10.0	7.82		ug/L		78	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	5.93		ug/L		59	16 - 149
1,1-Dichloroethane	0.52	U	10.0	9.19		ug/L		92	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.85		ug/L		99	70 - 130
1,1-Dichloroethene	0.67	U	10.0	7.40		ug/L		74	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.52		ug/L		85	70 - 130
1,3-Dichloropropane	0.42	U	10.0	8.81		ug/L		88	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.12		ug/L		91	66 - 134
1,1-Dichloropropene	0.65	U	10.0	8.24		ug/L		82	65 - 136
Ethylbenzene	0.44	U	10.0	8.23		ug/L		82	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.70		ug/L		87	66 - 130
Hexachlorobutadiene	0.34	U	10.0	8.04		ug/L		80	62 - 143
2-Hexanone	4.4	U	100	89.7		ug/L		90	60 - 148
Isopropylbenzene	0.52	U	10.0	8.49		ug/L		85	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.42		ug/L		84	65 - 134
Methylene Chloride	4.0	U	10.0	7.07		ug/L		71	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	89.9		ug/L		90	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.01		ug/L		90	67 - 130
Naphthalene	2.5	U	10.0	9.05		ug/L		90	50 - 136
n-Butylbenzene	0.67	U	10.0	8.35		ug/L		84	61 - 131
N-Propylbenzene	0.59	U	10.0	8.68		ug/L		87	67 - 130
o-Xylene	0.50	U	10.0	8.71		ug/L		87	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.22		ug/L		82	68 - 133
Styrene	0.98	U	10.0	8.82		ug/L		88	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.20		ug/L		92	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	7.19		ug/L		72	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	7.90		ug/L		79	70 - 130
Tetrachloroethene	0.50	U	10.0	7.70		ug/L		77	50 - 143
Toluene	0.51	U	10.0	8.35		ug/L		84	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.95		ug/L		89	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.11		ug/L		71	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.61		ug/L		86	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.72		ug/L		87	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	8.57		ug/L		86	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	8.84		ug/L		88	70 - 130
Trichloroethene	0.61	U	10.0	7.54		ug/L		75	63 - 139
Trichlorofluoromethane	2.5	U	10.0	10.2		ug/L		102	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.02		ug/L		90	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.29		ug/L		93	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	8.60		ug/L		86	65 - 134
Vinyl chloride	0.71	U	10.0	7.11		ug/L		71	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-72177-7 DU
Matrix: Water
Analysis Batch: 166832

Client Sample ID: EW-2007_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Isopropylbenzene	0.52	U	0.52	U	ug/L		NC	30
4-Isopropyltoluene	0.69	U	0.69	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30
Methyl tert-butyl ether	0.44	U	0.44	U	ug/L		NC	30
m-Xylene & p-Xylene	0.60	U	0.60	U	ug/L		NC	30
Naphthalene	2.5	U	2.5	U	ug/L		NC	30
n-Butylbenzene	0.67	U	0.67	U	ug/L		NC	30
N-Propylbenzene	0.59	U	0.59	U	ug/L		NC	30
o-Xylene	0.50	U	0.50	U	ug/L		NC	30
sec-Butylbenzene	0.63	U	0.63	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
tert-Butylbenzene	0.84	U	0.84	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-7 DU
Matrix: Water
Analysis Batch: 166832

Client Sample ID: EW-2007_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*111*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 660-166838/7
Matrix: Water
Analysis Batch: 166838

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 09:06	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 09:06	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 09:06	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 09:06	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 09:06	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 09:06	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 09:06	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 09:06	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 09:06	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 09:06	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 09:06	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 09:06	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 09:06	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 09:06	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 09:06	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 09:06	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/29/16 09:06	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 09:06	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 09:06	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 09:06	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 09:06	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 09:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166838/7
Matrix: Water
Analysis Batch: 166838

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 09:06	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 09:06	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 09:06	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 09:06	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 09:06	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 09:06	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 09:06	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 09:06	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 09:06	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 09:06	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 09:06	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 09:06	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 09:06	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 09:06	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 09:06	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 09:06	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 09:06	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 09:06	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 09:06	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 09:06	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 09:06	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 09:06	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 09:06	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 09:06	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 09:06	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 09:06	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 09:06	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 09:06	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 09:06	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/29/16 09:06	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 09:06	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 09:06	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 09:06	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 09:06	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 09:06	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 09:06	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 09:06	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/29/16 09:06	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 09:06	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 09:06	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 09:06	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 09:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 09:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*02/29/16 09:06*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*02/29/16 09:06*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/29/16 09:06*	*1*

Lab Sample ID: LCS 660-166838/4
Matrix: Water
Analysis Batch: 166838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	104		ug/L		104	62 - 142
Benzene	10.0	9.01		ug/L		90	68 - 134
Bromobenzene	10.0	9.54		ug/L		95	70 - 130
Bromoform	10.0	9.13		ug/L		91	65 - 130
Bromomethane	10.0	8.27		ug/L		83	22 - 150
2-Butanone (MEK)	100	76.4		ug/L		76	63 - 140
Carbon disulfide	10.0	8.83		ug/L		88	30 - 150
Carbon tetrachloride	10.0	9.70		ug/L		97	61 - 134
Chlorobenzene	10.0	9.58		ug/L		96	70 - 130
Chlorobromomethane	10.0	9.50		ug/L		95	70 - 130
Chlorodibromomethane	10.0	7.45		ug/L		75	70 - 130
Chloroethane	10.0	9.69		ug/L		97	39 - 150
Chloroform	10.0	9.68		ug/L		97	68 - 130
Chloromethane	10.0	8.62		ug/L		86	35 - 150
2-Chlorotoluene	10.0	10.0		ug/L		100	70 - 130
4-Chlorotoluene	10.0	10.1		ug/L		101	70 - 130
cis-1,2-Dichloroethene	10.0	9.82		ug/L		98	66 - 130
cis-1,3-Dichloropropene	10.0	7.80		ug/L		78	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	7.99		ug/L		80	63 - 130
Dibromomethane	10.0	9.60		ug/L		96	70 - 130
1,2-Dichlorobenzene	10.0	9.78		ug/L		98	70 - 130
1,3-Dichlorobenzene	10.0	9.21		ug/L		92	70 - 130
1,4-Dichlorobenzene	10.0	9.55		ug/L		95	70 - 130
Dichlorobromomethane	10.0	8.40		ug/L		84	70 - 130
Dichlorodifluoromethane	10.0	7.99		ug/L		80	16 - 149
1,1-Dichloroethane	10.0	9.63		ug/L		96	66 - 130
1,2-Dichloroethane	10.0	10.6		ug/L		106	70 - 130
1,1-Dichloroethene	10.0	8.35		ug/L		84	51 - 150
1,2-Dichloropropane	10.0	9.26		ug/L		93	70 - 130
1,3-Dichloropropane	10.0	9.31		ug/L		93	70 - 130
2,2-Dichloropropane	10.0	10.1		ug/L		101	66 - 134
1,1-Dichloropropene	10.0	8.80		ug/L		88	65 - 136
Ethylbenzene	10.0	8.93		ug/L		89	70 - 130
Ethylene Dibromide	10.0	8.92		ug/L		89	66 - 130
Hexachlorobutadiene	10.0	9.05		ug/L		90	62 - 143
2-Hexanone	100	95.6		ug/L		96	60 - 148
Isopropylbenzene	10.0	9.36		ug/L		94	62 - 130
4-Isopropyltoluene	10.0	9.19		ug/L		92	65 - 134
Methylene Chloride	10.0	8.71		ug/L		87	57 - 130
4-Methyl-2-pentanone (MIBK)	100	92.9		ug/L		93	64 - 137
Methyl tert-butyl ether	10.0	9.17		ug/L		92	67 - 130
Naphthalene	10.0	9.84		ug/L		98	50 - 136
n-Butylbenzene	10.0	9.36		ug/L		94	61 - 131
N-Propylbenzene	10.0	9.58		ug/L		96	67 - 130
o-Xylene	10.0	9.49		ug/L		95	69 - 130
sec-Butylbenzene	10.0	9.15		ug/L		92	68 - 133
Styrene	10.0	9.68		ug/L		97	68 - 131
tert-Butylbenzene	10.0	9.84		ug/L		98	64 - 130
1,1,1,2-Tetrachloroethane	10.0	7.82		ug/L		78	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.33		ug/L		83	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166838/4
Matrix: Water
Analysis Batch: 166838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	10.0	8.48		ug/L		85	50 - 143
Toluene	10.0	9.29		ug/L		93	70 - 131
trans-1,2-Dichloroethene	10.0	9.37		ug/L		94	62 - 139
trans-1,3-Dichloropropene	10.0	7.69		ug/L		77	67 - 130
1,2,3-Trichlorobenzene	10.0	9.97		ug/L		100	58 - 132
1,2,4-Trichlorobenzene	10.0	9.79		ug/L		98	66 - 130
1,1,1-Trichloroethane	10.0	9.31		ug/L		93	63 - 132
1,1,2-Trichloroethane	10.0	9.06		ug/L		91	70 - 130
Trichloroethene	10.0	8.25		ug/L		82	63 - 139
Trichlorofluoromethane	10.0	12.7		ug/L		127	62 - 146
1,2,3-Trichloropropane	10.0	9.06		ug/L		91	66 - 130
1,2,4-Trimethylbenzene	10.0	10.0		ug/L		100	70 - 132
1,3,5-Trimethylbenzene	10.0	8.93		ug/L		89	65 - 134
Vinyl chloride	10.0	9.29		ug/L		93	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 660-166838/5
Matrix: Water
Analysis Batch: 166838

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	109		ug/L		109	62 - 142	5	30
Benzene	10.0	9.42		ug/L		94	68 - 134	5	30
Bromobenzene	10.0	9.79		ug/L		98	70 - 130	3	30
Bromoform	10.0	9.66		ug/L		97	65 - 130	6	30
Bromomethane	10.0	8.13		ug/L		81	22 - 150	2	30
2-Butanone (MEK)	100	78.0		ug/L		78	63 - 140	2	30
Carbon disulfide	10.0	8.94		ug/L		89	30 - 150	1	30
Carbon tetrachloride	10.0	10.3		ug/L		103	61 - 134	6	30
Chlorobenzene	10.0	9.85		ug/L		98	70 - 130	3	30
Chlorobromomethane	10.0	9.98		ug/L		100	70 - 130	5	30
Chlorodibromomethane	10.0	7.87		ug/L		79	70 - 130	5	30
Chloroethane	10.0	9.07		ug/L		91	39 - 150	7	30
Chloroform	10.0	10.4		ug/L		104	68 - 130	7	30
Chloromethane	10.0	7.80		ug/L		78	35 - 150	10	30
2-Chlorotoluene	10.0	10.9		ug/L		109	70 - 130	8	30
4-Chlorotoluene	10.0	10.9		ug/L		109	70 - 130	7	30
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	66 - 130	3	30
cis-1,3-Dichloropropene	10.0	8.37		ug/L		84	70 - 130	7	30
1,2-Dibromo-3-Chloropropane	10.0	7.76		ug/L		78	63 - 130	3	30
Dibromomethane	10.0	9.57		ug/L		96	70 - 130	0	30
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130	5	30
1,3-Dichlorobenzene	10.0	9.90		ug/L		99	70 - 130	7	30
1,4-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130	7	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166838/5
Matrix: Water
Analysis Batch: 166838

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane			10.0	8.98		ug/L		90	70 - 130	7	30
Dichlorodifluoromethane			10.0	6.44		ug/L		64	16 - 149	22	30
1,1-Dichloroethane			10.0	10.1		ug/L		101	66 - 130	5	30
1,2-Dichloroethane			10.0	10.8		ug/L		108	70 - 130	1	30
1,1-Dichloroethene			10.0	8.81		ug/L		88	51 - 150	5	30
1,2-Dichloropropane			10.0	9.48		ug/L		95	70 - 130	2	30
1,3-Dichloropropane			10.0	9.57		ug/L		96	70 - 130	3	30
2,2-Dichloropropane			10.0	10.6		ug/L		106	66 - 134	5	30
1,1-Dichloropropene			10.0	9.59		ug/L		96	65 - 136	9	30
Ethylbenzene			10.0	9.69		ug/L		97	70 - 130	8	30
Ethylene Dibromide			10.0	9.62		ug/L		96	66 - 130	7	30
Hexachlorobutadiene			10.0	9.43		ug/L		94	62 - 143	4	30
2-Hexanone			100	98.4		ug/L		98	60 - 148	3	30
Isopropylbenzene			10.0	10.0		ug/L		100	62 - 130	7	30
4-Isopropyltoluene			10.0	9.82		ug/L		98	65 - 134	7	30
Methylene Chloride			10.0	9.00		ug/L		90	57 - 130	3	30
4-Methyl-2-pentanone (MIBK)			100	94.3		ug/L		94	64 - 137	1	30
Methyl tert-butyl ether			10.0	9.55		ug/L		96	67 - 130	4	30
Naphthalene			10.0	9.89		ug/L		99	50 - 136	0	30
n-Butylbenzene			10.0	9.90		ug/L		99	61 - 131	6	30
N-Propylbenzene			10.0	10.2		ug/L		102	67 - 130	6	30
o-Xylene			10.0	9.97		ug/L		100	69 - 130	5	30
sec-Butylbenzene			10.0	9.81		ug/L		98	68 - 133	7	30
Styrene			10.0	10.3		ug/L		103	68 - 131	6	30
tert-Butylbenzene			10.0	10.7		ug/L		107	64 - 130	8	30
1,1,1,2-Tetrachloroethane			10.0	8.52		ug/L		85	70 - 130	9	30
1,1,2,2-Tetrachloroethane			10.0	8.52		ug/L		85	70 - 130	2	30
Tetrachloroethene			10.0	9.38		ug/L		94	50 - 143	10	30
Toluene			10.0	9.64		ug/L		96	70 - 131	4	30
trans-1,2-Dichloroethene			10.0	10.0		ug/L		100	62 - 139	6	30
trans-1,3-Dichloropropene			10.0	8.02		ug/L		80	67 - 130	4	30
1,2,3-Trichlorobenzene			10.0	10.3		ug/L		103	58 - 132	3	30
1,2,4-Trichlorobenzene			10.0	10.1		ug/L		101	66 - 130	3	30
1,1,1-Trichloroethane			10.0	10.2		ug/L		102	63 - 132	9	30
1,1,2-Trichloroethane			10.0	9.51		ug/L		95	70 - 130	5	30
Trichloroethene			10.0	8.71		ug/L		87	63 - 139	5	30
Trichlorofluoromethane			10.0	12.4		ug/L		124	62 - 146	2	30
1,2,3-Trichloropropane			10.0	9.31		ug/L		93	66 - 130	3	30
1,2,4-Trimethylbenzene			10.0	10.9		ug/L		109	70 - 132	8	30
1,3,5-Trimethylbenzene			10.0	9.81		ug/L		98	65 - 134	9	30
Vinyl chloride			10.0	8.32		ug/L		83	48 - 147	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72124-A-4 MS
Matrix: Water
Analysis Batch: 166838

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	93.0		ug/L		93	62 - 142
Benzene	0.50	U	10.0	8.86		ug/L		89	68 - 134
Bromobenzene	0.58	U	10.0	9.17		ug/L		92	70 - 130
Bromoform	0.63	U	10.0	9.22		ug/L		92	65 - 130
Bromomethane	2.5	U	10.0	6.43		ug/L		64	22 - 150
2-Butanone (MEK)	8.4	U	100	76.6		ug/L		77	63 - 140
Carbon disulfide	1.0	U	10.0	8.43		ug/L		84	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.49		ug/L		95	61 - 134
Chlorobenzene	0.63	U	10.0	9.29		ug/L		93	70 - 130
Chlorobromomethane	0.58	U	10.0	9.36		ug/L		94	70 - 130
Chlorodibromomethane	0.31	U	10.0	7.39		ug/L		74	70 - 130
Chloroethane	2.5	U	10.0	7.33		ug/L		73	39 - 150
Chloroform	0.90	U	10.0	9.49		ug/L		95	68 - 130
Chloromethane	1.0	U	10.0	6.43		ug/L		64	35 - 150
2-Chlorotoluene	0.65	U	10.0	9.78		ug/L		98	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.86		ug/L		99	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.54		ug/L		95	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.46		ug/L		75	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.52		ug/L		75	63 - 130
Dibromomethane	0.46	U	10.0	9.38		ug/L		94	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.52		ug/L		95	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.13		ug/L		91	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.26		ug/L		93	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.06		ug/L		81	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	6.03		ug/L		60	16 - 149
1,1-Dichloroethane	0.52	U	10.0	9.51		ug/L		95	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.5		ug/L		105	70 - 130
1,1-Dichloroethene	0.67	U	10.0	8.04		ug/L		80	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.12		ug/L		91	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.55		ug/L		95	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.63		ug/L		96	66 - 134
1,1-Dichloropropene	0.65	U	10.0	8.78		ug/L		88	65 - 136
Ethylbenzene	0.44	U	10.0	8.94		ug/L		89	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.87		ug/L		89	66 - 130
Hexachlorobutadiene	0.34	U	10.0	8.31		ug/L		83	62 - 143
2-Hexanone	4.4	U	100	96.5		ug/L		96	60 - 148
Isopropylbenzene	0.52	U	10.0	9.20		ug/L		92	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.86		ug/L		89	65 - 134
Methylene Chloride	4.0	U	10.0	7.82		ug/L		78	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	92.1		ug/L		92	64 - 137
Methyl tert-butyl ether	2.5		10.0	11.6		ug/L		91	67 - 130
Naphthalene	2.5	U	10.0	9.04		ug/L		90	50 - 136
n-Butylbenzene	0.67	U	10.0	9.14		ug/L		91	61 - 131
N-Propylbenzene	0.59	U	10.0	9.26		ug/L		93	67 - 130
o-Xylene	0.50	U	10.0	9.27		ug/L		93	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.02		ug/L		90	68 - 133
Styrene	0.98	U J3	10.0	5.31	J3	ug/L		53	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.1		ug/L		101	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72124-A-4 MS
Matrix: Water
Analysis Batch: 166838

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.63	U	10.0	7.61		ug/L		76	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.50		ug/L		85	70 - 130
Tetrachloroethene	0.50	U	10.0	8.45		ug/L		84	50 - 143
Toluene	0.51	U	10.0	8.82		ug/L		88	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.18		ug/L		92	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.43		ug/L		74	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.55		ug/L		85	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.13		ug/L		91	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.43		ug/L		94	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.19		ug/L		92	70 - 130
Trichloroethene	0.61	U	10.0	8.00		ug/L		80	63 - 139
Trichlorofluoromethane	2.5	U	10.0	10.7		ug/L		107	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.82		ug/L		98	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.0		ug/L		100	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	8.87		ug/L		89	65 - 134
Vinyl chloride	0.71	U	10.0	6.88		ug/L		69	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-72124-A-1 DU
Matrix: Water
Analysis Batch: 166838

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72124-A-1 DU
Matrix: Water
Analysis Batch: 166838

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	0.52	U		0.52	U	ug/L				NC	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	4.5			4.60		ug/L				2	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*110*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72124-A-1 DU
Matrix: Water
Analysis Batch: 166838

Client Sample ID: Duplicate
Prep Type: Total/NA

Surrogate	DU %Recovery	DU Qualifier	Limits
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: MB 660-166851/18
Matrix: Water
Analysis Batch: 166851

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 16:38	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 16:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 16:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 16:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 16:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 16:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 16:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 16:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 16:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 16:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 16:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 16:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 16:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 16:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 16:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 16:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/29/16 16:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 16:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 16:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 16:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 16:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 16:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 16:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 16:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 16:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 16:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 16:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 16:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 16:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 16:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 16:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 16:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 16:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 16:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 16:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 16:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 16:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 16:38	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 16:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 16:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 16:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166851/18
Matrix: Water
Analysis Batch: 166851

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 16:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 16:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 16:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 16:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 16:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 16:38	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 16:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 16:38	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 16:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 16:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/29/16 16:38	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 16:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 16:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 16:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 16:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 16:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 16:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 16:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/29/16 16:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 16:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 16:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 16:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 16:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 16:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/29/16 16:38*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*02/29/16 16:38*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/29/16 16:38*	*1*

Lab Sample ID: LCS 660-166851/14
Matrix: Water
Analysis Batch: 166851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	88.9		ug/L		89	62 - 142
Benzene	10.0	9.13		ug/L		91	68 - 134
Bromobenzene	10.0	9.52		ug/L		95	70 - 130
Bromoform	10.0	9.90		ug/L		99	65 - 130
Bromomethane	10.0	11.0		ug/L		110	22 - 150
2-Butanone (MEK)	100	92.5		ug/L		93	63 - 140
Carbon disulfide	10.0	8.89		ug/L		89	30 - 150
Carbon tetrachloride	10.0	9.37		ug/L		94	61 - 134
Chlorobenzene	10.0	9.49		ug/L		95	70 - 130
Chlorobromomethane	10.0	9.35		ug/L		94	70 - 130
Chlorodibromomethane	10.0	9.30		ug/L		93	70 - 130
Chloroethane	10.0	9.15		ug/L		92	39 - 150
Chloroform	10.0	9.20		ug/L		92	68 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166851/14
Matrix: Water
Analysis Batch: 166851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	8.67		ug/L		87	35 - 150
2-Chlorotoluene	10.0	9.74		ug/L		97	70 - 130
4-Chlorotoluene	10.0	9.85		ug/L		98	70 - 130
cis-1,2-Dichloroethene	10.0	9.16		ug/L		92	66 - 130
cis-1,3-Dichloropropene	10.0	9.68		ug/L		97	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.60		ug/L		96	63 - 130
Dibromomethane	10.0	9.50		ug/L		95	70 - 130
1,2-Dichlorobenzene	10.0	9.88		ug/L		99	70 - 130
1,3-Dichlorobenzene	10.0	9.51		ug/L		95	70 - 130
1,4-Dichlorobenzene	10.0	9.87		ug/L		99	70 - 130
Dichlorobromomethane	10.0	9.41		ug/L		94	70 - 130
Dichlorodifluoromethane	10.0	8.37		ug/L		84	16 - 149
1,1-Dichloroethane	10.0	9.47		ug/L		95	66 - 130
1,2-Dichloroethane	10.0	8.95		ug/L		89	70 - 130
1,1-Dichloroethene	10.0	8.47		ug/L		85	51 - 150
1,2-Dichloropropane	10.0	9.35		ug/L		93	70 - 130
1,3-Dichloropropane	10.0	9.11		ug/L		91	70 - 130
2,2-Dichloropropane	10.0	8.84		ug/L		88	66 - 134
1,1-Dichloropropene	10.0	9.46		ug/L		95	65 - 136
Ethylbenzene	10.0	9.22		ug/L		92	70 - 130
Ethylene Dibromide	10.0	9.64		ug/L		96	66 - 130
Hexachlorobutadiene	10.0	10.4		ug/L		104	62 - 143
2-Hexanone	100	90.9		ug/L		91	60 - 148
Isopropylbenzene	10.0	9.78		ug/L		98	62 - 130
4-Isopropyltoluene	10.0	9.56		ug/L		96	65 - 134
Methylene Chloride	10.0	9.65		ug/L		97	57 - 130
4-Methyl-2-pentanone (MIBK)	100	80.2		ug/L		80	64 - 137
Methyl tert-butyl ether	10.0	8.93		ug/L		89	67 - 130
Naphthalene	10.0	10.0		ug/L		100	50 - 136
n-Butylbenzene	10.0	9.66		ug/L		97	61 - 131
N-Propylbenzene	10.0	9.63		ug/L		96	67 - 130
o-Xylene	10.0	9.27		ug/L		93	69 - 130
sec-Butylbenzene	10.0	9.68		ug/L		97	68 - 133
Styrene	10.0	9.30		ug/L		93	68 - 131
tert-Butylbenzene	10.0	9.91		ug/L		99	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.47		ug/L		95	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.39		ug/L		94	70 - 130
Tetrachloroethene	10.0	9.15		ug/L		91	50 - 143
Toluene	10.0	9.33		ug/L		93	70 - 131
trans-1,2-Dichloroethene	10.0	9.94		ug/L		99	62 - 139
trans-1,3-Dichloropropene	10.0	9.37		ug/L		94	67 - 130
1,2,3-Trichlorobenzene	10.0	10.4		ug/L		104	58 - 132
1,2,4-Trichlorobenzene	10.0	10.0		ug/L		100	66 - 130
1,1,1-Trichloroethane	10.0	9.53		ug/L		95	63 - 132
1,1,2-Trichloroethane	10.0	9.57		ug/L		96	70 - 130
Trichloroethene	10.0	9.65		ug/L		97	63 - 139
Trichlorofluoromethane	10.0	9.77		ug/L		98	62 - 146
1,2,3-Trichloropropane	10.0	9.42		ug/L		94	66 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166851/14
Matrix: Water
Analysis Batch: 166851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2,4-Trimethylbenzene			10.0	9.30		ug/L		93	70 - 132		
1,3,5-Trimethylbenzene			10.0	9.67		ug/L		97	65 - 134		
Vinyl chloride			10.0	9.85		ug/L		98	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 660-166851/15
Matrix: Water
Analysis Batch: 166851

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	86.3		ug/L		86	62 - 142	3	30
Benzene			10.0	8.96		ug/L		90	68 - 134	2	30
Bromobenzene			10.0	9.56		ug/L		96	70 - 130	0	30
Bromoform			10.0	9.57		ug/L		96	65 - 130	3	30
Bromomethane			10.0	10.1		ug/L		101	22 - 150	9	30
2-Butanone (MEK)			100	90.7		ug/L		91	63 - 140	2	30
Carbon disulfide			10.0	8.21		ug/L		82	30 - 150	8	30
Carbon tetrachloride			10.0	9.08		ug/L		91	61 - 134	3	30
Chlorobenzene			10.0	9.00		ug/L		90	70 - 130	5	30
Chlorobromomethane			10.0	9.25		ug/L		92	70 - 130	1	30
Chlorodibromomethane			10.0	8.93		ug/L		89	70 - 130	4	30
Chloroethane			10.0	9.29		ug/L		93	39 - 150	1	30
Chloroform			10.0	8.94		ug/L		89	68 - 130	3	30
Chloromethane			10.0	8.83		ug/L		88	35 - 150	2	30
2-Chlorotoluene			10.0	9.41		ug/L		94	70 - 130	3	30
4-Chlorotoluene			10.0	9.29		ug/L		93	70 - 130	6	30
cis-1,2-Dichloroethene			10.0	8.85		ug/L		88	66 - 130	4	30
cis-1,3-Dichloropropene			10.0	9.25		ug/L		93	70 - 130	4	30
1,2-Dibromo-3-Chloropropane			10.0	8.96		ug/L		90	63 - 130	7	30
Dibromomethane			10.0	9.65		ug/L		97	70 - 130	2	30
1,2-Dichlorobenzene			10.0	9.62		ug/L		96	70 - 130	3	30
1,3-Dichlorobenzene			10.0	9.43		ug/L		94	70 - 130	1	30
1,4-Dichlorobenzene			10.0	9.25		ug/L		93	70 - 130	6	30
Dichlorobromomethane			10.0	9.13		ug/L		91	70 - 130	3	30
Dichlorodifluoromethane			10.0	7.96		ug/L		80	16 - 149	5	30
1,1-Dichloroethane			10.0	8.80		ug/L		88	66 - 130	7	30
1,2-Dichloroethane			10.0	9.02		ug/L		90	70 - 130	1	30
1,1-Dichloroethene			10.0	8.09		ug/L		81	51 - 150	5	30
1,2-Dichloropropane			10.0	9.13		ug/L		91	70 - 130	2	30
1,3-Dichloropropane			10.0	9.01		ug/L		90	70 - 130	1	30
2,2-Dichloropropane			10.0	8.28		ug/L		83	66 - 134	7	30
1,1-Dichloropropene			10.0	9.26		ug/L		93	65 - 136	2	30
Ethylbenzene			10.0	9.15		ug/L		91	70 - 130	1	30
Ethylene Dibromide			10.0	8.94		ug/L		89	66 - 130	8	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166851/15
Matrix: Water
Analysis Batch: 166851

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	10.0	9.95		ug/L		100	62 - 143	4	30
2-Hexanone	100	91.4		ug/L		91	60 - 148	1	30
Isopropylbenzene	10.0	9.36		ug/L		94	62 - 130	4	30
4-Isopropyltoluene	10.0	9.20		ug/L		92	65 - 134	4	30
Methylene Chloride	10.0	9.23		ug/L		92	57 - 130	4	30
4-Methyl-2-pentanone (MIBK)	100	79.5		ug/L		80	64 - 137	1	30
Methyl tert-butyl ether	10.0	8.68		ug/L		87	67 - 130	3	30
Naphthalene	10.0	9.70		ug/L		97	50 - 136	3	30
n-Butylbenzene	10.0	9.28		ug/L		93	61 - 131	4	30
N-Propylbenzene	10.0	9.30		ug/L		93	67 - 130	4	30
o-Xylene	10.0	9.12		ug/L		91	69 - 130	2	30
sec-Butylbenzene	10.0	9.44		ug/L		94	68 - 133	3	30
Styrene	10.0	9.15		ug/L		91	68 - 131	2	30
tert-Butylbenzene	10.0	9.51		ug/L		95	64 - 130	4	30
1,1,1,2-Tetrachloroethane	10.0	8.80		ug/L		88	70 - 130	7	30
1,1,2,2-Tetrachloroethane	10.0	9.32		ug/L		93	70 - 130	1	30
Tetrachloroethene	10.0	9.72		ug/L		97	50 - 143	6	30
Toluene	10.0	9.07		ug/L		91	70 - 131	3	30
trans-1,2-Dichloroethene	10.0	9.33		ug/L		93	62 - 139	6	30
trans-1,3-Dichloropropene	10.0	9.16		ug/L		92	67 - 130	2	30
1,2,3-Trichlorobenzene	10.0	9.70		ug/L		97	58 - 132	7	30
1,2,4-Trichlorobenzene	10.0	9.73		ug/L		97	66 - 130	3	30
1,1,1-Trichloroethane	10.0	8.97		ug/L		90	63 - 132	6	30
1,1,2-Trichloroethane	10.0	9.54		ug/L		95	70 - 130	0	30
Trichloroethene	10.0	9.50		ug/L		95	63 - 139	2	30
Trichlorofluoromethane	10.0	9.41		ug/L		94	62 - 146	4	30
1,2,3-Trichloropropane	10.0	9.76		ug/L		98	66 - 130	4	30
1,2,4-Trimethylbenzene	10.0	9.02		ug/L		90	70 - 132	3	30
1,3,5-Trimethylbenzene	10.0	9.35		ug/L		93	65 - 134	3	30
Vinyl chloride	10.0	9.94		ug/L		99	48 - 147	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-72177-32 MS
Matrix: Water
Analysis Batch: 166851

Client Sample ID: EW-2032_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	85.0		ug/L		85	62 - 142
Benzene	0.50	U	10.0	10.3		ug/L		103	68 - 134
Bromobenzene	0.58	U	10.0	10.1		ug/L		101	70 - 130
Bromoform	0.63	U	10.0	10.1		ug/L		101	65 - 130
Bromomethane	2.5	U	10.0	9.57		ug/L		96	22 - 150
2-Butanone (MEK)	8.4	U	100	87.1		ug/L		87	63 - 140
Carbon disulfide	1.0	U	10.0	9.46		ug/L		95	30 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-32 MS
Matrix: Water
Analysis Batch: 166851

Client Sample ID: EW-2032_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	0.43	U	10.0	10.8		ug/L		108	61 - 134
Chlorobenzene	0.63	U	10.0	10.5		ug/L		105	70 - 130
Chlorobromomethane	0.58	U	10.0	9.54		ug/L		95	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.94		ug/L		99	70 - 130
Chloroethane	2.5	U	10.0	12.3		ug/L		123	39 - 150
Chloroform	0.90	U	10.0	10.0		ug/L		100	68 - 130
Chloromethane	2.1	I	10.0	11.6		ug/L		95	35 - 150
2-Chlorotoluene	0.65	U	10.0	10.6		ug/L		106	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.6		ug/L		106	70 - 130
cis-1,2-Dichloroethene	3.2		10.0	13.3		ug/L		101	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	10.2		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.2		ug/L		102	63 - 130
Dibromomethane	0.46	U	10.0	10.0		ug/L		100	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.5		ug/L		105	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.3		ug/L		103	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.0		ug/L		100	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	9.84		ug/L		98	16 - 149
1,1-Dichloroethane	0.52	U	10.0	11.1		ug/L		111	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.80		ug/L		98	70 - 130
1,1-Dichloroethene	0.71	I	10.0	10.2		ug/L		95	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.2		ug/L		102	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.99		ug/L		100	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.19		ug/L		92	66 - 134
1,1-Dichloropropene	0.65	U	10.0	10.8		ug/L		108	65 - 136
Ethylbenzene	0.44	U	10.0	10.7		ug/L		107	70 - 130
Ethylene Dibromide	0.50	U	10.0	9.68		ug/L		97	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.8		ug/L		108	62 - 143
2-Hexanone	4.4	U	100	93.2		ug/L		93	60 - 148
Isopropylbenzene	0.52	U	10.0	10.8		ug/L		108	62 - 130
4-Isopropyltoluene	0.69	U	10.0	10.4		ug/L		104	65 - 134
Methylene Chloride	4.0	U	10.0	9.82		ug/L		98	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	84.6		ug/L		85	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.38		ug/L		94	67 - 130
Naphthalene	2.5	U	10.0	9.77		ug/L		98	50 - 136
n-Butylbenzene	0.67	U	10.0	10.4		ug/L		104	61 - 131
N-Propylbenzene	0.59	U	10.0	10.5		ug/L		105	67 - 130
o-Xylene	0.50	U	10.0	10.1		ug/L		101	69 - 130
sec-Butylbenzene	0.63	U	10.0	10.8		ug/L		108	68 - 133
Styrene	0.98	U	10.0	10.1		ug/L		101	68 - 131
tert-Butylbenzene	0.84	U	10.0	11.0		ug/L		110	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.95		ug/L		99	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.2		ug/L		102	70 - 130
Tetrachloroethene	48		10.0	56.9		ug/L		92	50 - 143
Toluene	0.51	U	10.0	10.4		ug/L		104	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	11.0		ug/L		110	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.75		ug/L		97	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.83		ug/L		98	58 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-32 MS
Matrix: Water
Analysis Batch: 166851

Client Sample ID: EW-2032_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	0.58	U	10.0	9.94		ug/L		99	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.3		ug/L		103	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.9		ug/L		109	70 - 130
Trichloroethene	56		10.0	66.3		ug/L		99	63 - 139
Trichlorofluoromethane	2.5	U	10.0	12.9		ug/L		129	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.90		ug/L		99	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.2		ug/L		102	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	10.4		ug/L		104	65 - 134
Vinyl chloride	0.71	U	10.0	12.6		ug/L		126	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-72177-30 DU
Matrix: Water
Analysis Batch: 166851

Client Sample ID: EW-2030_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	2.3	I	2.17	I	ug/L		4	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-30 DU
Matrix: Water
Analysis Batch: 166851

Client Sample ID: EW-2030_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	1.6			1.50		ug/L				5	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.94	I		0.883	I	ug/L				6	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166878/6
Matrix: Water
Analysis Batch: 166878

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			02/29/16 22:27	1
Benzene	0.50	U	1.0	0.50	ug/L			02/29/16 22:27	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 22:27	1
Bromoform	0.63	U	1.0	0.63	ug/L			02/29/16 22:27	1
Bromomethane	2.5	U	5.0	2.5	ug/L			02/29/16 22:27	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			02/29/16 22:27	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			02/29/16 22:27	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			02/29/16 22:27	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			02/29/16 22:27	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			02/29/16 22:27	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			02/29/16 22:27	1
Chloroethane	2.5	U	5.0	2.5	ug/L			02/29/16 22:27	1
Chloroform	0.90	U	1.0	0.90	ug/L			02/29/16 22:27	1
Chloromethane	1.0	U	4.0	1.0	ug/L			02/29/16 22:27	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			02/29/16 22:27	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			02/29/16 22:27	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/29/16 22:27	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			02/29/16 22:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			02/29/16 22:27	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			02/29/16 22:27	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			02/29/16 22:27	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			02/29/16 22:27	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			02/29/16 22:27	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			02/29/16 22:27	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 22:27	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/29/16 22:27	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			02/29/16 22:27	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 22:27	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			02/29/16 22:27	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			02/29/16 22:27	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			02/29/16 22:27	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			02/29/16 22:27	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			02/29/16 22:27	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			02/29/16 22:27	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			02/29/16 22:27	1
2-Hexanone	4.4	U	10	4.4	ug/L			02/29/16 22:27	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			02/29/16 22:27	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			02/29/16 22:27	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			02/29/16 22:27	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			02/29/16 22:27	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			02/29/16 22:27	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			02/29/16 22:27	1
Naphthalene	2.5	U	5.0	2.5	ug/L			02/29/16 22:27	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			02/29/16 22:27	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			02/29/16 22:27	1
o-Xylene	0.50	U	1.0	0.50	ug/L			02/29/16 22:27	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			02/29/16 22:27	1
Styrene	0.98	U	2.0	0.98	ug/L			02/29/16 22:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166878/6
Matrix: Water
Analysis Batch: 166878

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			02/29/16 22:27	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			02/29/16 22:27	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			02/29/16 22:27	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/29/16 22:27	1
Toluene	0.51	U	1.0	0.51	ug/L			02/29/16 22:27	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/29/16 22:27	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			02/29/16 22:27	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			02/29/16 22:27	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			02/29/16 22:27	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 22:27	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			02/29/16 22:27	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/29/16 22:27	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			02/29/16 22:27	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			02/29/16 22:27	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			02/29/16 22:27	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			02/29/16 22:27	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/29/16 22:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*02/29/16 22:27*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*02/29/16 22:27*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/29/16 22:27*	*1*

Lab Sample ID: LCS 660-166878/3
Matrix: Water
Analysis Batch: 166878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	109		ug/L		109	62 - 142
Benzene	10.0	9.96		ug/L		100	68 - 134
Bromobenzene	10.0	9.94		ug/L		99	70 - 130
Bromoform	10.0	8.28		ug/L		83	65 - 130
Bromomethane	10.0	10.5		ug/L		105	22 - 150
2-Butanone (MEK)	100	76.6		ug/L		77	63 - 140
Carbon disulfide	10.0	10.6		ug/L		106	30 - 150
Carbon tetrachloride	10.0	10.8		ug/L		108	61 - 134
Chlorobenzene	10.0	10.3		ug/L		103	70 - 130
Chlorobromomethane	10.0	10.8		ug/L		108	70 - 130
Chlorodibromomethane	10.0	7.43		ug/L		74	70 - 130
Chloroethane	10.0	9.28		ug/L		93	39 - 150
Chloroform	10.0	10.9		ug/L		109	68 - 130
Chloromethane	10.0	8.92		ug/L		89	35 - 150
2-Chlorotoluene	10.0	11.0		ug/L		110	70 - 130
4-Chlorotoluene	10.0	11.0		ug/L		110	70 - 130
cis-1,2-Dichloroethene	10.0	11.0		ug/L		110	66 - 130
cis-1,3-Dichloropropene	10.0	8.13		ug/L		81	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.08		ug/L		81	63 - 130
Dibromomethane	10.0	10.4		ug/L		104	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166878/3
Matrix: Water
Analysis Batch: 166878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130
1,3-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
Dichlorobromomethane	10.0	8.86		ug/L		89	70 - 130
Dichlorodifluoromethane	10.0	6.90		ug/L		69	16 - 149
1,1-Dichloroethane	10.0	10.8		ug/L		108	66 - 130
1,2-Dichloroethane	10.0	11.5		ug/L		115	70 - 130
1,1-Dichloroethene	10.0	10.6		ug/L		106	51 - 150
1,2-Dichloropropane	10.0	9.85		ug/L		99	70 - 130
1,3-Dichloropropane	10.0	10.0		ug/L		100	70 - 130
2,2-Dichloropropane	10.0	11.6		ug/L		116	66 - 134
1,1-Dichloropropene	10.0	10.3		ug/L		103	65 - 136
Ethylbenzene	10.0	10.2		ug/L		102	70 - 130
Ethylene Dibromide	10.0	9.70		ug/L		97	66 - 130
Hexachlorobutadiene	10.0	9.79		ug/L		98	62 - 143
2-Hexanone	100	97.8		ug/L		98	60 - 148
Isopropylbenzene	10.0	9.99		ug/L		100	62 - 130
4-Isopropyltoluene	10.0	10.2		ug/L		102	65 - 134
Methylene Chloride	10.0	9.78		ug/L		98	57 - 130
4-Methyl-2-pentanone (MIBK)	100	93.9		ug/L		94	64 - 137
Methyl tert-butyl ether	10.0	9.66		ug/L		97	67 - 130
Naphthalene	10.0	9.75		ug/L		97	50 - 136
n-Butylbenzene	10.0	10.5		ug/L		105	61 - 131
N-Propylbenzene	10.0	10.3		ug/L		103	67 - 130
o-Xylene	10.0	10.3		ug/L		103	69 - 130
sec-Butylbenzene	10.0	9.97		ug/L		100	68 - 133
Styrene	10.0	10.5		ug/L		105	68 - 131
tert-Butylbenzene	10.0	10.8		ug/L		108	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.17		ug/L		82	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.28		ug/L		83	70 - 130
Tetrachloroethene	10.0	9.90		ug/L		99	50 - 143
Toluene	10.0	10.0		ug/L		100	70 - 131
trans-1,2-Dichloroethene	10.0	10.8		ug/L		108	62 - 139
trans-1,3-Dichloropropene	10.0	7.67		ug/L		77	67 - 130
1,2,3-Trichlorobenzene	10.0	9.91		ug/L		99	58 - 132
1,2,4-Trichlorobenzene	10.0	10.1		ug/L		101	66 - 130
1,1,1-Trichloroethane	10.0	10.8		ug/L		108	63 - 132
1,1,2-Trichloroethane	10.0	9.43		ug/L		94	70 - 130
Trichloroethene	10.0	8.85		ug/L		89	63 - 139
Trichlorofluoromethane	10.0	12.4		ug/L		124	62 - 146
1,2,3-Trichloropropane	10.0	9.05		ug/L		90	66 - 130
1,2,4-Trimethylbenzene	10.0	10.9		ug/L		109	70 - 132
1,3,5-Trimethylbenzene	10.0	9.59		ug/L		96	65 - 134
Vinyl chloride	10.0	9.15		ug/L		91	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166878/3
Matrix: Water
Analysis Batch: 166878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 660-166878/4
Matrix: Water
Analysis Batch: 166878

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	121		ug/L		121	62 - 142	10	30
Benzene			10.0	9.82		ug/L		98	68 - 134	1	30
Bromobenzene			10.0	9.98		ug/L		100	70 - 130	0	30
Bromoform			10.0	9.05		ug/L		90	65 - 130	9	30
Bromomethane			10.0	8.97		ug/L		90	22 - 150	15	30
2-Butanone (MEK)			100	91.3		ug/L		91	63 - 140	18	30
Carbon disulfide			10.0	9.99		ug/L		100	30 - 150	6	30
Carbon tetrachloride			10.0	10.3		ug/L		103	61 - 134	5	30
Chlorobenzene			10.0	10.2		ug/L		102	70 - 130	1	30
Chlorobromomethane			10.0	10.4		ug/L		104	70 - 130	4	30
Chlorodibromomethane			10.0	8.04		ug/L		80	70 - 130	8	30
Chloroethane			10.0	9.12		ug/L		91	39 - 150	2	30
Chloroform			10.0	10.7		ug/L		107	68 - 130	2	30
Chloromethane			10.0	7.21		ug/L		72	35 - 150	21	30
2-Chlorotoluene			10.0	10.9		ug/L		109	70 - 130	1	30
4-Chlorotoluene			10.0	11.2		ug/L		112	70 - 130	1	30
cis-1,2-Dichloroethene			10.0	10.8		ug/L		108	66 - 130	2	30
cis-1,3-Dichloropropene			10.0	8.12		ug/L		81	70 - 130	0	30
1,2-Dibromo-3-Chloropropane			10.0	8.44		ug/L		84	63 - 130	4	30
Dibromomethane			10.0	10.0		ug/L		100	70 - 130	4	30
1,2-Dichlorobenzene			10.0	10.5		ug/L		105	70 - 130	1	30
1,3-Dichlorobenzene			10.0	10.0		ug/L		100	70 - 130	1	30
1,4-Dichlorobenzene			10.0	10.3		ug/L		103	70 - 130	1	30
Dichlorobromomethane			10.0	8.98		ug/L		90	70 - 130	1	30
Dichlorodifluoromethane			10.0	6.08		ug/L		61	16 - 149	13	30
1,1-Dichloroethane			10.0	10.5		ug/L		105	66 - 130	3	30
1,2-Dichloroethane			10.0	11.3		ug/L		113	70 - 130	1	30
1,1-Dichloroethene			10.0	9.70		ug/L		97	51 - 150	9	30
1,2-Dichloropropane			10.0	9.76		ug/L		98	70 - 130	1	30
1,3-Dichloropropane			10.0	10.3		ug/L		103	70 - 130	3	30
2,2-Dichloropropane			10.0	11.2		ug/L		112	66 - 134	3	30
1,1-Dichloropropene			10.0	9.94		ug/L		99	65 - 136	3	30
Ethylbenzene			10.0	9.88		ug/L		99	70 - 130	3	30
Ethylene Dibromide			10.0	9.98		ug/L		100	66 - 130	3	30
Hexachlorobutadiene			10.0	9.58		ug/L		96	62 - 143	2	30
2-Hexanone			100	110		ug/L		110	60 - 148	11	30
Isopropylbenzene			10.0	10.1		ug/L		101	62 - 130	2	30
4-Isopropyltoluene			10.0	9.86		ug/L		99	65 - 134	3	30
Methylene Chloride			10.0	9.21		ug/L		92	57 - 130	6	30
4-Methyl-2-pentanone (MIBK)			100	104		ug/L		104	64 - 137	10	30
Methyl tert-butyl ether			10.0	10.4		ug/L		104	67 - 130	7	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166878/4
Matrix: Water
Analysis Batch: 166878

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	9.93		ug/L		99	50 - 136	2	30
n-Butylbenzene			10.0	10.3		ug/L		103	61 - 131	2	30
N-Propylbenzene			10.0	10.5		ug/L		105	67 - 130	2	30
o-Xylene			10.0	10.6		ug/L		106	69 - 130	3	30
sec-Butylbenzene			10.0	9.85		ug/L		99	68 - 133	1	30
Styrene			10.0	10.5		ug/L		105	68 - 131	1	30
tert-Butylbenzene			10.0	11.0		ug/L		110	64 - 130	1	30
1,1,1,2-Tetrachloroethane			10.0	8.75		ug/L		87	70 - 130	7	30
1,1,2,2-Tetrachloroethane			10.0	8.78		ug/L		88	70 - 130	6	30
Tetrachloroethene			10.0	9.33		ug/L		93	50 - 143	6	30
Toluene			10.0	9.71		ug/L		97	70 - 131	3	30
trans-1,2-Dichloroethene			10.0	10.4		ug/L		104	62 - 139	4	30
trans-1,3-Dichloropropene			10.0	8.01		ug/L		80	67 - 130	4	30
1,2,3-Trichlorobenzene			10.0	10.1		ug/L		101	58 - 132	2	30
1,2,4-Trichlorobenzene			10.0	10.0		ug/L		100	66 - 130	1	30
1,1,1-Trichloroethane			10.0	10.5		ug/L		105	63 - 132	2	30
1,1,2-Trichloroethane			10.0	9.83		ug/L		98	70 - 130	4	30
Trichloroethene			10.0	8.55		ug/L		86	63 - 139	3	30
Trichlorofluoromethane			10.0	10.8		ug/L		108	62 - 146	14	30
1,2,3-Trichloropropane			10.0	10.0		ug/L		100	66 - 130	10	30
1,2,4-Trimethylbenzene			10.0	11.3		ug/L		113	70 - 132	4	30
1,3,5-Trimethylbenzene			10.0	9.75		ug/L		98	65 - 134	2	30
Vinyl chloride			10.0	7.51		ug/L		75	48 - 147	20	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-72177-51 MS
Matrix: Water
Analysis Batch: 166878

Client Sample ID: EW-3014_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	89.3		ug/L		89	62 - 142
Benzene	0.50	U	10.0	9.68		ug/L		97	68 - 134
Bromobenzene	0.58	U	10.0	9.34		ug/L		93	70 - 130
Bromoform	0.63	U	10.0	7.85		ug/L		78	65 - 130
Bromomethane	2.5	U	10.0	7.76		ug/L		78	22 - 150
2-Butanone (MEK)	8.4	U	100	70.1		ug/L		70	63 - 140
Carbon disulfide	4.3		10.0	13.8		ug/L		95	30 - 150
Carbon tetrachloride	0.43	U	10.0	10.0		ug/L		100	61 - 134
Chlorobenzene	0.63	U	10.0	9.75		ug/L		97	70 - 130
Chlorobromomethane	0.58	U	10.0	9.62		ug/L		96	70 - 130
Chlorodibromomethane	0.31	U J3	10.0	6.93	J3	ug/L		69	70 - 130
Chloroethane	2.5	U	10.0	9.11		ug/L		91	39 - 150
Chloroform	0.90	U	10.0	10.3		ug/L		103	68 - 130
Chloromethane	1.0	U	10.0	6.93		ug/L		69	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-51 MS
Matrix: Water
Analysis Batch: 166878

Client Sample ID: EW-3014_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	9.82		ug/L		98	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.3		ug/L		103	70 - 130
cis-1,2-Dichloroethene	4.3		10.0	13.8		ug/L		95	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.63		ug/L		76	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	6.37		ug/L		64	63 - 130
Dibromomethane	0.46	U	10.0	9.53		ug/L		95	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.41		ug/L		94	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.34		ug/L		93	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.37		ug/L		94	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.42		ug/L		84	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	5.38		ug/L		54	16 - 149
1,1-Dichloroethane	3.6		10.0	13.4		ug/L		98	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.5		ug/L		105	70 - 130
1,1-Dichloroethene	8.7		10.0	17.9		ug/L		92	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.40		ug/L		94	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.32		ug/L		93	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.4		ug/L		104	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.38		ug/L		94	65 - 136
Ethylbenzene	0.44	U	10.0	9.49		ug/L		95	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.55		ug/L		86	66 - 130
Hexachlorobutadiene	0.34	U	10.0	8.40		ug/L		84	62 - 143
2-Hexanone	4.4	U	100	88.2		ug/L		88	60 - 148
Isopropylbenzene	0.52	U	10.0	9.38		ug/L		94	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.40		ug/L		94	65 - 134
Methylene Chloride	4.0	U	10.0	8.72		ug/L		87	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	81.4		ug/L		81	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.17		ug/L		92	67 - 130
Naphthalene	2.5	U	10.0	7.94		ug/L		79	50 - 136
n-Butylbenzene	0.67	U	10.0	9.42		ug/L		94	61 - 131
N-Propylbenzene	0.59	U	10.0	9.66		ug/L		97	67 - 130
o-Xylene	0.50	U	10.0	9.60		ug/L		96	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.17		ug/L		92	68 - 133
Styrene	0.98	U	10.0	9.87		ug/L		99	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.1		ug/L		101	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	7.98		ug/L		80	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	7.49		ug/L		75	70 - 130
Tetrachloroethene	0.50	U	10.0	9.65		ug/L		96	50 - 143
Toluene	0.51	U	10.0	9.44		ug/L		94	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.97		ug/L		100	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.18		ug/L		72	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.11		ug/L		81	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.56		ug/L		86	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.0		ug/L		100	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.03		ug/L		90	70 - 130
Trichloroethene	11		10.0	20.2		ug/L		89	63 - 139
Trichlorofluoromethane	2.5	U	10.0	11.4		ug/L		114	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	8.33		ug/L		83	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.4		ug/L		104	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-51 MS
Matrix: Water
Analysis Batch: 166878

Client Sample ID: EW-3014_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	9.26		ug/L		93	65 - 134
Vinyl chloride	11		10.0	17.2		ug/L		67	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-72177-40 DU
Matrix: Water
Analysis Batch: 166878

Client Sample ID: EW-3003_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	13		12.0		ug/L		4	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	8.8		19.0	J3	ug/L		74	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	29		77.9	J3	ug/L		91	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-40 DU
Matrix: Water
Analysis Batch: 166878

Client Sample ID: EW-3003_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	9.4			10.7		ug/L				12	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*108*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 660-166882/7
Matrix: Water
Analysis Batch: 166882

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 09:34	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 09:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 09:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 09:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 09:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 09:34	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166882/7
Matrix: Water
Analysis Batch: 166882

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 09:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 09:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 09:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 09:34	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 09:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 09:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 09:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 09:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/01/16 09:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 09:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 09:34	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 09:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 09:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 09:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 09:34	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 09:34	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:34	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/01/16 09:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 09:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 09:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 09:34	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 09:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 09:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 09:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 09:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 09:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 09:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 09:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 09:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 09:34	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 09:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 09:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 09:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 09:34	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 09:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 09:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 09:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 09:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 09:34	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 09:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 09:34	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 09:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 09:34	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 09:34	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 09:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 09:34	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 09:34	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166882/7
Matrix: Water
Analysis Batch: 166882

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 09:34	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 09:34	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 09:34	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 09:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/01/16 09:34	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:34	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 09:34	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 09:34	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 09:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 09:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/01/16 09:34*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*03/01/16 09:34*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/01/16 09:34*	*1*

Lab Sample ID: LCS 660-166882/4
Matrix: Water
Analysis Batch: 166882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	135		ug/L		135	62 - 142
Benzene	10.0	10.5		ug/L		105	68 - 134
Bromobenzene	10.0	10.2		ug/L		102	70 - 130
Bromoform	10.0	9.34		ug/L		93	65 - 130
Bromomethane	10.0	9.28		ug/L		93	22 - 150
2-Butanone (MEK)	100	105		ug/L		105	63 - 140
Carbon disulfide	10.0	10.6		ug/L		106	30 - 150
Carbon tetrachloride	10.0	10.9		ug/L		109	61 - 134
Chlorobenzene	10.0	10.6		ug/L		106	70 - 130
Chlorobromomethane	10.0	11.1		ug/L		111	70 - 130
Chlorodibromomethane	10.0	7.94		ug/L		79	70 - 130
Chloroethane	10.0	9.85		ug/L		98	39 - 150
Chloroform	10.0	11.2		ug/L		112	68 - 130
Chloromethane	10.0	7.64		ug/L		76	35 - 150
2-Chlorotoluene	10.0	11.1		ug/L		111	70 - 130
4-Chlorotoluene	10.0	11.3		ug/L		113	70 - 130
cis-1,2-Dichloroethene	10.0	11.4		ug/L		114	66 - 130
cis-1,3-Dichloropropene	10.0	8.70		ug/L		87	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.28		ug/L		83	63 - 130
Dibromomethane	10.0	11.0		ug/L		110	70 - 130
1,2-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
1,3-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,4-Dichlorobenzene	10.0	10.7		ug/L		107	70 - 130
Dichlorobromomethane	10.0	9.62		ug/L		96	70 - 130
Dichlorodifluoromethane	10.0	6.15		ug/L		62	16 - 149
1,1-Dichloroethane	10.0	11.2		ug/L		112	66 - 130
1,2-Dichloroethane	10.0	12.2		ug/L		122	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166882/4
Matrix: Water
Analysis Batch: 166882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	10.1		ug/L		101	51 - 150
1,2-Dichloropropane	10.0	10.3		ug/L		103	70 - 130
1,3-Dichloropropane	10.0	10.5		ug/L		105	70 - 130
2,2-Dichloropropane	10.0	11.3		ug/L		113	66 - 134
1,1-Dichloropropene	10.0	10.2		ug/L		102	65 - 136
Ethylbenzene	10.0	10.2		ug/L		102	70 - 130
Ethylene Dibromide	10.0	10.1		ug/L		101	66 - 130
Hexachlorobutadiene	10.0	10.1		ug/L		101	62 - 143
2-Hexanone	100	122		ug/L		122	60 - 148
Isopropylbenzene	10.0	10.2		ug/L		102	62 - 130
4-Isopropyltoluene	10.0	9.94		ug/L		99	65 - 134
Methylene Chloride	10.0	9.70		ug/L		97	57 - 130
4-Methyl-2-pentanone (MIBK)	100	112		ug/L		112	64 - 137
Methyl tert-butyl ether	10.0	10.4		ug/L		104	67 - 130
Naphthalene	10.0	10.8		ug/L		108	50 - 136
n-Butylbenzene	10.0	10.3		ug/L		103	61 - 131
N-Propylbenzene	10.0	10.4		ug/L		104	67 - 130
o-Xylene	10.0	10.4		ug/L		104	69 - 130
sec-Butylbenzene	10.0	10.0		ug/L		100	68 - 133
Styrene	10.0	10.9		ug/L		109	68 - 131
tert-Butylbenzene	10.0	11.0		ug/L		110	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.59		ug/L		86	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.02		ug/L		90	70 - 130
Tetrachloroethene	10.0	9.13		ug/L		91	50 - 143
Toluene	10.0	10.3		ug/L		103	70 - 131
trans-1,2-Dichloroethene	10.0	11.0		ug/L		110	62 - 139
trans-1,3-Dichloropropene	10.0	8.51		ug/L		85	67 - 130
1,2,3-Trichlorobenzene	10.0	10.9		ug/L		109	58 - 132
1,2,4-Trichlorobenzene	10.0	10.4		ug/L		104	66 - 130
1,1,1-Trichloroethane	10.0	10.8		ug/L		108	63 - 132
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	70 - 130
Trichloroethene	10.0	9.33		ug/L		93	63 - 139
Trichlorofluoromethane	10.0	10.9		ug/L		109	62 - 146
1,2,3-Trichloropropane	10.0	10.5		ug/L		105	66 - 130
1,2,4-Trimethylbenzene	10.0	11.2		ug/L		112	70 - 132
1,3,5-Trimethylbenzene	10.0	10.1		ug/L		101	65 - 134
Vinyl chloride	10.0	8.05		ug/L		81	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166882/5
Matrix: Water
Analysis Batch: 166882

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	133		ug/L		133	62 - 142	1	30
Benzene	10.0	10.3		ug/L		103	68 - 134	1	30
Bromobenzene	10.0	10.5		ug/L		105	70 - 130	3	30
Bromoform	10.0	9.55		ug/L		95	65 - 130	2	30
Bromomethane	10.0	8.96		ug/L		90	22 - 150	3	30
2-Butanone (MEK)	100	97.1		ug/L		97	63 - 140	8	30
Carbon disulfide	10.0	10.3		ug/L		103	30 - 150	2	30
Carbon tetrachloride	10.0	10.3		ug/L		103	61 - 134	6	30
Chlorobenzene	10.0	10.8		ug/L		108	70 - 130	2	30
Chlorobromomethane	10.0	11.1		ug/L		111	70 - 130	0	30
Chlorodibromomethane	10.0	8.14		ug/L		81	70 - 130	3	30
Chloroethane	10.0	8.74		ug/L		87	39 - 150	12	30
Chloroform	10.0	11.4		ug/L		114	68 - 130	2	30
Chloromethane	10.0	8.05		ug/L		80	35 - 150	5	30
2-Chlorotoluene	10.0	11.4		ug/L		114	70 - 130	3	30
4-Chlorotoluene	10.0	11.4		ug/L		114	70 - 130	1	30
cis-1,2-Dichloroethene	10.0	11.3		ug/L		113	66 - 130	1	30
cis-1,3-Dichloropropene	10.0	9.01		ug/L		90	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	10.0	7.90		ug/L		79	63 - 130	5	30
Dibromomethane	10.0	11.2		ug/L		112	70 - 130	1	30
1,2-Dichlorobenzene	10.0	11.0		ug/L		110	70 - 130	2	30
1,3-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130	1	30
1,4-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130	2	30
Dichlorobromomethane	10.0	9.89		ug/L		99	70 - 130	3	30
Dichlorodifluoromethane	10.0	5.99		ug/L		60	16 - 149	3	30
1,1-Dichloroethane	10.0	11.4		ug/L		114	66 - 130	2	30
1,2-Dichloroethane	10.0	12.7		ug/L		127	70 - 130	4	30
1,1-Dichloroethene	10.0	9.28		ug/L		93	51 - 150	8	30
1,2-Dichloropropane	10.0	10.1		ug/L		101	70 - 130	2	30
1,3-Dichloropropane	10.0	10.8		ug/L		108	70 - 130	3	30
2,2-Dichloropropane	10.0	11.1		ug/L		111	66 - 134	2	30
1,1-Dichloropropene	10.0	10.1		ug/L		101	65 - 136	1	30
Ethylbenzene	10.0	10.0		ug/L		100	70 - 130	1	30
Ethylene Dibromide	10.0	10.2		ug/L		102	66 - 130	1	30
Hexachlorobutadiene	10.0	9.53		ug/L		95	62 - 143	6	30
2-Hexanone	100	116		ug/L		116	60 - 148	5	30
Isopropylbenzene	10.0	10.1		ug/L		101	62 - 130	0	30
4-Isopropyltoluene	10.0	9.93		ug/L		99	65 - 134	0	30
Methylene Chloride	10.0	10.3		ug/L		103	57 - 130	6	30
4-Methyl-2-pentanone (MIBK)	100	108		ug/L		108	64 - 137	4	30
Methyl tert-butyl ether	10.0	10.6		ug/L		106	67 - 130	2	30
Naphthalene	10.0	10.3		ug/L		103	50 - 136	4	30
n-Butylbenzene	10.0	10.2		ug/L		102	61 - 131	1	30
N-Propylbenzene	10.0	10.5		ug/L		105	67 - 130	1	30
o-Xylene	10.0	10.8		ug/L		108	69 - 130	3	30
sec-Butylbenzene	10.0	9.71		ug/L		97	68 - 133	3	30
Styrene	10.0	11.0		ug/L		110	68 - 131	1	30
tert-Butylbenzene	10.0	10.9		ug/L		109	64 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166882/5
Matrix: Water
Analysis Batch: 166882

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			10.0	8.99		ug/L		90	70 - 130	5	30
1,1,2,2-Tetrachloroethane			10.0	9.66		ug/L		97	70 - 130	7	30
Tetrachloroethene			10.0	9.18		ug/L		92	50 - 143	1	30
Toluene			10.0	10.2		ug/L		102	70 - 131	1	30
trans-1,2-Dichloroethene			10.0	10.7		ug/L		107	62 - 139	3	30
trans-1,3-Dichloropropene			10.0	8.47		ug/L		85	67 - 130	0	30
1,2,3-Trichlorobenzene			10.0	10.4		ug/L		104	58 - 132	4	30
1,2,4-Trichlorobenzene			10.0	10.6		ug/L		106	66 - 130	2	30
1,1,1-Trichloroethane			10.0	10.2		ug/L		102	63 - 132	6	30
1,1,2-Trichloroethane			10.0	10.5		ug/L		105	70 - 130	3	30
Trichloroethene			10.0	9.07		ug/L		91	63 - 139	3	30
Trichlorofluoromethane			10.0	10.7		ug/L		107	62 - 146	2	30
1,2,3-Trichloropropane			10.0	11.0		ug/L		110	66 - 130	5	30
1,2,4-Trimethylbenzene			10.0	11.4		ug/L		114	70 - 132	2	30
1,3,5-Trimethylbenzene			10.0	10.1		ug/L		101	65 - 134	1	30
Vinyl chloride			10.0	8.16		ug/L		82	48 - 147	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-72177-73 MS
Matrix: Water
Analysis Batch: 166882

Client Sample ID: EW-4009_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	108		ug/L		108	62 - 142
Benzene	0.50	U	10.0	9.40		ug/L		94	68 - 134
Bromobenzene	0.58	U	10.0	9.49		ug/L		95	70 - 130
Bromoform	0.63	U	10.0	8.40		ug/L		84	65 - 130
Bromomethane	2.5	U	10.0	8.06		ug/L		81	22 - 150
2-Butanone (MEK)	8.4	U	100	87.0		ug/L		87	63 - 140
Carbon disulfide	1.0	U	10.0	9.38		ug/L		94	30 - 150
Carbon tetrachloride	0.43	U	10.0	10.1		ug/L		101	61 - 134
Chlorobenzene	0.63	U	10.0	9.59		ug/L		96	70 - 130
Chlorobromomethane	0.58	U	10.0	10.1		ug/L		101	70 - 130
Chlorodibromomethane	0.31	U	10.0	7.34		ug/L		73	70 - 130
Chloroethane	2.5	U	10.0	8.87		ug/L		89	39 - 150
Chloroform	0.90	U	10.0	10.3		ug/L		103	68 - 130
Chloromethane	1.0	U	10.0	6.41		ug/L		64	35 - 150
2-Chlorotoluene	0.65	U	10.0	10.1		ug/L		101	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.3		ug/L		103	70 - 130
cis-1,2-Dichloroethene	1.4		10.0	11.6		ug/L		102	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.71		ug/L		77	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	6.84		ug/L		68	63 - 130
Dibromomethane	0.46	U	10.0	9.62		ug/L		96	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.62		ug/L		96	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-73 MS
Matrix: Water
Analysis Batch: 166882

Client Sample ID: EW-4009_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.64	U	10.0	9.23		ug/L		92	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.67		ug/L		97	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.60		ug/L		86	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	5.39		ug/L		54	16 - 149
1,1-Dichloroethane	7.1		10.0	16.6		ug/L		95	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.4		ug/L		114	70 - 130
1,1-Dichloroethene	3.4		10.0	11.8		ug/L		84	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.56		ug/L		96	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.55		ug/L		95	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.3		ug/L		103	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.38		ug/L		94	65 - 136
Ethylbenzene	0.44	U	10.0	9.23		ug/L		92	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.99		ug/L		90	66 - 130
Hexachlorobutadiene	0.34	U	10.0	8.57		ug/L		86	62 - 143
2-Hexanone	4.4	U	100	109		ug/L		109	60 - 148
Isopropylbenzene	0.52	U	10.0	9.52		ug/L		95	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.16		ug/L		92	65 - 134
Methylene Chloride	4.0	U	10.0	8.83		ug/L		88	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	105		ug/L		105	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.43		ug/L		94	67 - 130
Naphthalene	2.5	U	10.0	8.65		ug/L		87	50 - 136
n-Butylbenzene	0.67	U	10.0	9.10		ug/L		91	61 - 131
N-Propylbenzene	0.59	U	10.0	9.58		ug/L		96	67 - 130
o-Xylene	0.50	U	10.0	9.48		ug/L		95	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.13		ug/L		91	68 - 133
Styrene	0.98	U	10.0	9.90		ug/L		99	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.89		ug/L		99	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	7.78		ug/L		78	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.51		ug/L		85	70 - 130
Tetrachloroethene	0.50	U	10.0	8.34		ug/L		83	50 - 143
Toluene	0.51	U	10.0	9.08		ug/L		91	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.54		ug/L		95	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.55		ug/L		75	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.67		ug/L		87	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.80		ug/L		88	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.79		ug/L		98	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.31		ug/L		93	70 - 130
Trichloroethene	0.61	U	10.0	8.16		ug/L		82	63 - 139
Trichlorofluoromethane	2.5	U	10.0	10.3		ug/L		103	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.30		ug/L		93	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.3		ug/L		103	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	9.30		ug/L		93	65 - 134
Vinyl chloride	0.71	U	10.0	6.51		ug/L		65	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Lab Sample ID: 660-72177-72 DU
Matrix: Water
Analysis Batch: 166882

Client Sample ID: EW-4008_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Acetone	9.9	U		9.9	U	ug/L				NC	30
Benzene	0.50	U		0.50	U	ug/L				NC	30
Bromobenzene	0.58	U		0.58	U	ug/L				NC	30
Bromoform	0.63	U		0.63	U	ug/L				NC	30
Bromomethane	2.5	U		2.5	U	ug/L				NC	30
2-Butanone (MEK)	8.4	U		8.4	U	ug/L				NC	30
Carbon disulfide	1.0	U		1.0	U	ug/L				NC	30
Carbon tetrachloride	0.43	U		0.43	U	ug/L				NC	30
Chlorobenzene	0.63	U		0.63	U	ug/L				NC	30
Chlorobromomethane	0.58	U		0.58	U	ug/L				NC	30
Chlorodibromomethane	0.31	U		0.31	U	ug/L				NC	30
Chloroethane	2.5	U		2.5	U	ug/L				NC	30
Chloroform	0.90	U		0.90	U	ug/L				NC	30
Chloromethane	1.7	I		1.18	I	ug/L				4	30
2-Chlorotoluene	0.65	U		0.65	U	ug/L				NC	30
4-Chlorotoluene	0.52	U		0.52	U	ug/L				NC	30
cis-1,2-Dichloroethene	0.65	U		0.65	U	ug/L				NC	30
cis-1,3-Dichloropropene	0.39	U		0.39	U	ug/L				NC	30
1,2-Dibromo-3-Chloropropane	2.5	U		2.5	U	ug/L				NC	30
Dibromomethane	0.46	U		0.46	U	ug/L				NC	30
1,2-Dichlorobenzene	0.49	U		0.49	U	ug/L				NC	30
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	0.57	I		0.558	I	ug/L				2	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-72 DU
Matrix: Water
Analysis Batch: 166882

Client Sample ID: EW-4008_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 660-166885/7
Matrix: Water
Analysis Batch: 166885

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/01/16 09:32	1
Benzene	0.50	U	1.0	0.50	ug/L			03/01/16 09:32	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 09:32	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/01/16 09:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:32	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/01/16 09:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/01/16 09:32	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/01/16 09:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/01/16 09:32	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/01/16 09:32	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/01/16 09:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/01/16 09:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/01/16 09:32	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/01/16 09:32	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/01/16 09:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/01/16 09:32	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/01/16 09:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/01/16 09:32	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/01/16 09:32	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/01/16 09:32	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/01/16 09:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166885/7
Matrix: Water
Analysis Batch: 166885

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/01/16 09:32	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/01/16 09:32	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/01/16 09:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/01/16 09:32	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 09:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/01/16 09:32	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/01/16 09:32	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/01/16 09:32	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/01/16 09:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/01/16 09:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/01/16 09:32	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/01/16 09:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/01/16 09:32	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/01/16 09:32	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/01/16 09:32	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/01/16 09:32	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/01/16 09:32	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/01/16 09:32	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/01/16 09:32	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/01/16 09:32	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/01/16 09:32	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/01/16 09:32	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/01/16 09:32	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/01/16 09:32	1
Styrene	0.98	U	2.0	0.98	ug/L			03/01/16 09:32	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/01/16 09:32	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/01/16 09:32	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/01/16 09:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/01/16 09:32	1
Toluene	0.51	U	1.0	0.51	ug/L			03/01/16 09:32	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/01/16 09:32	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/01/16 09:32	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/01/16 09:32	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/01/16 09:32	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 09:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/01/16 09:32	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/01/16 09:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/01/16 09:32	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/01/16 09:32	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/01/16 09:32	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/01/16 09:32	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/01/16 09:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/01/16 09:32*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*03/01/16 09:32*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/01/16 09:32*	*1*

Lab Sample ID: LCS 660-166885/4
Matrix: Water
Analysis Batch: 166885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	97.7		ug/L		98	62 - 142
Benzene	10.0	9.14		ug/L		91	68 - 134
Bromobenzene	10.0	9.11		ug/L		91	70 - 130
Bromoform	10.0	8.75		ug/L		88	65 - 130
Bromomethane	10.0	9.07		ug/L		91	22 - 150
2-Butanone (MEK)	100	96.8		ug/L		97	63 - 140
Carbon disulfide	10.0	9.39		ug/L		94	30 - 150
Carbon tetrachloride	10.0	9.44		ug/L		94	61 - 134
Chlorobenzene	10.0	9.09		ug/L		91	70 - 130
Chlorobromomethane	10.0	9.19		ug/L		92	70 - 130
Chlorodibromomethane	10.0	8.63		ug/L		86	70 - 130
Chloroethane	10.0	9.21		ug/L		92	39 - 150
Chloroform	10.0	8.91		ug/L		89	68 - 130
Chloromethane	10.0	8.55		ug/L		86	35 - 150
2-Chlorotoluene	10.0	9.29		ug/L		93	70 - 130
4-Chlorotoluene	10.0	9.29		ug/L		93	70 - 130
cis-1,2-Dichloroethene	10.0	8.78		ug/L		88	66 - 130
cis-1,3-Dichloropropene	10.0	9.08		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.03		ug/L		90	63 - 130
Dibromomethane	10.0	9.24		ug/L		92	70 - 130
1,2-Dichlorobenzene	10.0	9.07		ug/L		91	70 - 130
1,3-Dichlorobenzene	10.0	9.14		ug/L		91	70 - 130
1,4-Dichlorobenzene	10.0	9.24		ug/L		92	70 - 130
Dichlorobromomethane	10.0	8.98		ug/L		90	70 - 130
Dichlorodifluoromethane	10.0	7.86		ug/L		79	16 - 149
1,1-Dichloroethane	10.0	9.15		ug/L		92	66 - 130
1,2-Dichloroethane	10.0	8.72		ug/L		87	70 - 130
1,1-Dichloroethene	10.0	9.07		ug/L		91	51 - 150
1,2-Dichloropropane	10.0	9.25		ug/L		92	70 - 130
1,3-Dichloropropane	10.0	8.90		ug/L		89	70 - 130
2,2-Dichloropropane	10.0	8.62		ug/L		86	66 - 134
1,1-Dichloropropene	10.0	9.67		ug/L		97	65 - 136
Ethylbenzene	10.0	9.25		ug/L		92	70 - 130
Ethylene Dibromide	10.0	9.08		ug/L		91	66 - 130
Hexachlorobutadiene	10.0	10.1		ug/L		101	62 - 143
2-Hexanone	100	95.2		ug/L		95	60 - 148
Isopropylbenzene	10.0	9.51		ug/L		95	62 - 130
4-Isopropyltoluene	10.0	9.24		ug/L		92	65 - 134
Methylene Chloride	10.0	9.04		ug/L		90	57 - 130
4-Methyl-2-pentanone (MIBK)	100	84.3		ug/L		84	64 - 137
Methyl tert-butyl ether	10.0	8.57		ug/L		86	67 - 130
Naphthalene	10.0	8.80		ug/L		88	50 - 136
n-Butylbenzene	10.0	9.13		ug/L		91	61 - 131
N-Propylbenzene	10.0	9.36		ug/L		94	67 - 130
o-Xylene	10.0	8.80		ug/L		88	69 - 130
sec-Butylbenzene	10.0	9.40		ug/L		94	68 - 133
Styrene	10.0	9.10		ug/L		91	68 - 131
tert-Butylbenzene	10.0	9.22		ug/L		92	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.69		ug/L		87	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.62		ug/L		86	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166885/4
Matrix: Water
Analysis Batch: 166885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	10.0	9.27		ug/L		93	50 - 143
Toluene	10.0	9.22		ug/L		92	70 - 131
trans-1,2-Dichloroethene	10.0	9.09		ug/L		91	62 - 139
trans-1,3-Dichloropropene	10.0	8.73		ug/L		87	67 - 130
1,2,3-Trichlorobenzene	10.0	8.99		ug/L		90	58 - 132
1,2,4-Trichlorobenzene	10.0	9.32		ug/L		93	66 - 130
1,1,1-Trichloroethane	10.0	9.48		ug/L		95	63 - 132
1,1,2-Trichloroethane	10.0	9.35		ug/L		94	70 - 130
Trichloroethene	10.0	9.71		ug/L		97	63 - 139
Trichlorofluoromethane	10.0	8.64		ug/L		86	62 - 146
1,2,3-Trichloropropane	10.0	9.34		ug/L		93	66 - 130
1,2,4-Trimethylbenzene	10.0	8.94		ug/L		89	70 - 132
1,3,5-Trimethylbenzene	10.0	9.09		ug/L		91	65 - 134
Vinyl chloride	10.0	9.65		ug/L		97	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 660-166885/5
Matrix: Water
Analysis Batch: 166885

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	96.2		ug/L		96	62 - 142	1	30
Benzene	10.0	9.33		ug/L		93	68 - 134	2	30
Bromobenzene	10.0	9.83		ug/L		98	70 - 130	8	30
Bromoform	10.0	9.39		ug/L		94	65 - 130	7	30
Bromomethane	10.0	8.52		ug/L		85	22 - 150	6	30
2-Butanone (MEK)	100	93.6		ug/L		94	63 - 140	3	30
Carbon disulfide	10.0	8.96		ug/L		90	30 - 150	5	30
Carbon tetrachloride	10.0	8.74		ug/L		87	61 - 134	8	30
Chlorobenzene	10.0	9.33		ug/L		93	70 - 130	3	30
Chlorobromomethane	10.0	9.60		ug/L		96	70 - 130	4	30
Chlorodibromomethane	10.0	9.10		ug/L		91	70 - 130	5	30
Chloroethane	10.0	8.50		ug/L		85	39 - 150	8	30
Chloroform	10.0	9.17		ug/L		92	68 - 130	3	30
Chloromethane	10.0	8.19		ug/L		82	35 - 150	4	30
2-Chlorotoluene	10.0	9.59		ug/L		96	70 - 130	3	30
4-Chlorotoluene	10.0	9.56		ug/L		96	70 - 130	3	30
cis-1,2-Dichloroethene	10.0	9.18		ug/L		92	66 - 130	4	30
cis-1,3-Dichloropropene	10.0	9.29		ug/L		93	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	10.0	9.96		ug/L		100	63 - 130	10	30
Dibromomethane	10.0	9.34		ug/L		93	70 - 130	1	30
1,2-Dichlorobenzene	10.0	9.59		ug/L		96	70 - 130	6	30
1,3-Dichlorobenzene	10.0	9.43		ug/L		94	70 - 130	3	30
1,4-Dichlorobenzene	10.0	9.55		ug/L		96	70 - 130	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166885/5
Matrix: Water
Analysis Batch: 166885

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane			10.0	9.59		ug/L		96	70 - 130	6	30
Dichlorodifluoromethane			10.0	7.08		ug/L		71	16 - 149	11	30
1,1-Dichloroethane			10.0	9.32		ug/L		93	66 - 130	2	30
1,2-Dichloroethane			10.0	9.52		ug/L		95	70 - 130	9	30
1,1-Dichloroethene			10.0	8.52		ug/L		85	51 - 150	6	30
1,2-Dichloropropane			10.0	9.56		ug/L		96	70 - 130	3	30
1,3-Dichloropropane			10.0	9.53		ug/L		95	70 - 130	7	30
2,2-Dichloropropane			10.0	8.61		ug/L		86	66 - 134	0	30
1,1-Dichloropropene			10.0	8.88		ug/L		89	65 - 136	8	30
Ethylbenzene			10.0	9.40		ug/L		94	70 - 130	2	30
Ethylene Dibromide			10.0	9.61		ug/L		96	66 - 130	6	30
Hexachlorobutadiene			10.0	10.0		ug/L		100	62 - 143	0	30
2-Hexanone			100	93.8		ug/L		94	60 - 148	2	30
Isopropylbenzene			10.0	9.31		ug/L		93	62 - 130	2	30
4-Isopropyltoluene			10.0	9.14		ug/L		91	65 - 134	1	30
Methylene Chloride			10.0	9.60		ug/L		96	57 - 130	6	30
4-Methyl-2-pentanone (MIBK)			100	82.1		ug/L		82	64 - 137	3	30
Methyl tert-butyl ether			10.0	9.10		ug/L		91	67 - 130	6	30
Naphthalene			10.0	9.34		ug/L		93	50 - 136	6	30
n-Butylbenzene			10.0	8.99		ug/L		90	61 - 131	1	30
N-Propylbenzene			10.0	9.27		ug/L		93	67 - 130	1	30
o-Xylene			10.0	9.14		ug/L		91	69 - 130	4	30
sec-Butylbenzene			10.0	9.27		ug/L		93	68 - 133	1	30
Styrene			10.0	9.48		ug/L		95	68 - 131	4	30
tert-Butylbenzene			10.0	9.37		ug/L		94	64 - 130	2	30
1,1,1,2-Tetrachloroethane			10.0	9.24		ug/L		92	70 - 130	6	30
1,1,2,2-Tetrachloroethane			10.0	9.37		ug/L		94	70 - 130	8	30
Tetrachloroethene			10.0	8.62		ug/L		86	50 - 143	7	30
Toluene			10.0	9.36		ug/L		94	70 - 131	1	30
trans-1,2-Dichloroethene			10.0	9.52		ug/L		95	62 - 139	5	30
trans-1,3-Dichloropropene			10.0	9.47		ug/L		95	67 - 130	8	30
1,2,3-Trichlorobenzene			10.0	9.34		ug/L		93	58 - 132	4	30
1,2,4-Trichlorobenzene			10.0	9.59		ug/L		96	66 - 130	3	30
1,1,1-Trichloroethane			10.0	8.97		ug/L		90	63 - 132	6	30
1,1,2-Trichloroethane			10.0	9.36		ug/L		94	70 - 130	0	30
Trichloroethene			10.0	9.72		ug/L		97	63 - 139	0	30
Trichlorofluoromethane			10.0	7.96		ug/L		80	62 - 146	8	30
1,2,3-Trichloropropane			10.0	9.44		ug/L		94	66 - 130	1	30
1,2,4-Trimethylbenzene			10.0	9.03		ug/L		90	70 - 132	1	30
1,3,5-Trimethylbenzene			10.0	9.34		ug/L		93	65 - 134	3	30
Vinyl chloride			10.0	8.70		ug/L		87	48 - 147	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-71 MS
Matrix: Water
Analysis Batch: 166885

Client Sample ID: EW-4007_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	90.1		ug/L		90	62 - 142
Benzene	0.50	U	10.0	9.61		ug/L		96	68 - 134
Bromobenzene	0.58	U	10.0	9.97		ug/L		100	70 - 130
Bromoform	0.63	U	10.0	10.2		ug/L		102	65 - 130
Bromomethane	2.5	U	10.0	9.79		ug/L		98	22 - 150
2-Butanone (MEK)	8.4	U	100	104		ug/L		104	63 - 140
Carbon disulfide	1.0	U	10.0	9.65		ug/L		96	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.79		ug/L		98	61 - 134
Chlorobenzene	0.63	U	10.0	9.76		ug/L		98	70 - 130
Chlorobromomethane	0.58	U	10.0	9.92		ug/L		99	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.55		ug/L		96	70 - 130
Chloroethane	2.5	U	10.0	9.27		ug/L		93	39 - 150
Chloroform	0.90	U	10.0	9.19		ug/L		92	68 - 130
Chloromethane	1.0	U	10.0	10.1		ug/L		101	35 - 150
2-Chlorotoluene	0.65	U	10.0	9.88		ug/L		99	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.83		ug/L		98	70 - 130
cis-1,2-Dichloroethene	0.95	I	10.0	10.4		ug/L		94	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.75		ug/L		97	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.5		ug/L		105	63 - 130
Dibromomethane	0.46	U	10.0	9.86		ug/L		99	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.88		ug/L		99	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.57		ug/L		96	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.78		ug/L		98	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.0		ug/L		100	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	8.11		ug/L		81	16 - 149
1,1-Dichloroethane	3.6		10.0	13.2		ug/L		97	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.33		ug/L		93	70 - 130
1,1-Dichloroethene	5.3		10.0	13.8		ug/L		86	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.76		ug/L		98	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.78		ug/L		98	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.01		ug/L		90	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.87		ug/L		99	65 - 136
Ethylbenzene	0.44	U	10.0	9.50		ug/L		95	70 - 130
Ethylene Dibromide	0.50	U	10.0	9.65		ug/L		96	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.0		ug/L		100	62 - 143
2-Hexanone	4.4	U	100	101		ug/L		101	60 - 148
Isopropylbenzene	0.52	U	10.0	9.97		ug/L		100	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.77		ug/L		98	65 - 134
Methylene Chloride	4.0	U	10.0	9.92		ug/L		99	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	93.2		ug/L		93	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.55		ug/L		95	67 - 130
Naphthalene	2.5	U	10.0	9.29		ug/L		93	50 - 136
n-Butylbenzene	0.67	U	10.0	9.45		ug/L		95	61 - 131
N-Propylbenzene	0.59	U	10.0	9.75		ug/L		97	67 - 130
o-Xylene	0.50	U	10.0	9.34		ug/L		93	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.80		ug/L		98	68 - 133
Styrene	0.98	U	10.0	9.58		ug/L		96	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.79		ug/L		98	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-71 MS
Matrix: Water
Analysis Batch: 166885

Client Sample ID: EW-4007_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.58		ug/L		96	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.0		ug/L		100	70 - 130
Tetrachloroethene	0.50	U	10.0	9.60		ug/L		96	50 - 143
Toluene	0.51	U	10.0	9.63		ug/L		96	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.2		ug/L		102	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.30		ug/L		93	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.78		ug/L		98	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.85		ug/L		99	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.99		ug/L		100	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.1		ug/L		101	70 - 130
Trichloroethene	0.61	I	10.0	10.2		ug/L		102	63 - 139
Trichlorofluoromethane	2.5	U	10.0	8.89		ug/L		89	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.5		ug/L		105	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.46		ug/L		95	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	9.61		ug/L		96	65 - 134
Vinyl chloride	0.71	U	10.0	9.87		ug/L		99	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-72177-70 DU
Matrix: Water
Analysis Batch: 166885

Client Sample ID: EW-4006_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	3.4		3.41		ug/L		0.9	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-70 DU
Matrix: Water
Analysis Batch: 166885

Client Sample ID: EW-4006_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	2.3			2.48		ug/L				7	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	5.2			5.16		ug/L				0.7	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	1.7			1.68		ug/L				1	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-70 DU
Matrix: Water
Analysis Batch: 166885

Client Sample ID: EW-4006_INF
Prep Type: Total/NA

Surrogate	DU %Recovery	DU Qualifier	Limits
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: MB 660-166929/7
Matrix: Water
Analysis Batch: 166929

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/02/16 10:15	1
Benzene	0.50	U	1.0	0.50	ug/L			03/02/16 10:15	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/02/16 10:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/02/16 10:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/02/16 10:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/02/16 10:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/02/16 10:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/02/16 10:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/02/16 10:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/02/16 10:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/02/16 10:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/02/16 10:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/02/16 10:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/02/16 10:15	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/02/16 10:15	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/02/16 10:15	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/02/16 10:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/02/16 10:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/02/16 10:15	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/02/16 10:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/02/16 10:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/02/16 10:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/02/16 10:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/02/16 10:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/02/16 10:15	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/02/16 10:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/02/16 10:15	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/02/16 10:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/02/16 10:15	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/02/16 10:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/02/16 10:15	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/02/16 10:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/02/16 10:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/02/16 10:15	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/02/16 10:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/02/16 10:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/02/16 10:15	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/02/16 10:15	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/02/16 10:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/02/16 10:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/02/16 10:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-166929/7
Matrix: Water
Analysis Batch: 166929

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/02/16 10:15	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/02/16 10:15	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/02/16 10:15	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/02/16 10:15	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/02/16 10:15	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/02/16 10:15	1
Styrene	0.98	U	2.0	0.98	ug/L			03/02/16 10:15	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/02/16 10:15	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/02/16 10:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/02/16 10:15	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/02/16 10:15	1
Toluene	0.51	U	1.0	0.51	ug/L			03/02/16 10:15	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/02/16 10:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/02/16 10:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/02/16 10:15	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/02/16 10:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/02/16 10:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/02/16 10:15	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/02/16 10:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/02/16 10:15	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/02/16 10:15	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/02/16 10:15	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/02/16 10:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/02/16 10:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/02/16 10:15*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*03/02/16 10:15*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/02/16 10:15*	*1*

Lab Sample ID: LCS 660-166929/4
Matrix: Water
Analysis Batch: 166929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	110		ug/L		110	62 - 142
Benzene	10.0	9.98		ug/L		100	68 - 134
Bromobenzene	10.0	9.74		ug/L		97	70 - 130
Bromoform	10.0	9.50		ug/L		95	65 - 130
Bromomethane	10.0	9.27		ug/L		93	22 - 150
2-Butanone (MEK)	100	104		ug/L		104	63 - 140
Carbon disulfide	10.0	9.98		ug/L		100	30 - 150
Carbon tetrachloride	10.0	10.2		ug/L		102	61 - 134
Chlorobenzene	10.0	9.97		ug/L		100	70 - 130
Chlorobromomethane	10.0	10.0		ug/L		100	70 - 130
Chlorodibromomethane	10.0	9.83		ug/L		98	70 - 130
Chloroethane	10.0	8.85		ug/L		88	39 - 150
Chloroform	10.0	9.93		ug/L		99	68 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166929/4
Matrix: Water
Analysis Batch: 166929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	9.74		ug/L		97	35 - 150
2-Chlorotoluene	10.0	9.87		ug/L		99	70 - 130
4-Chlorotoluene	10.0	9.95		ug/L		100	70 - 130
cis-1,2-Dichloroethene	10.0	9.82		ug/L		98	66 - 130
cis-1,3-Dichloropropene	10.0	9.81		ug/L		98	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.84		ug/L		88	63 - 130
Dibromomethane	10.0	10.6		ug/L		106	70 - 130
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
1,3-Dichlorobenzene	10.0	9.77		ug/L		98	70 - 130
1,4-Dichlorobenzene	10.0	10.0		ug/L		100	70 - 130
Dichlorobromomethane	10.0	10.2		ug/L		102	70 - 130
Dichlorodifluoromethane	10.0	7.53		ug/L		75	16 - 149
1,1-Dichloroethane	10.0	10.2		ug/L		102	66 - 130
1,2-Dichloroethane	10.0	9.61		ug/L		96	70 - 130
1,1-Dichloroethene	10.0	9.68		ug/L		97	51 - 150
1,2-Dichloropropane	10.0	10.3		ug/L		103	70 - 130
1,3-Dichloropropane	10.0	10.0		ug/L		100	70 - 130
2,2-Dichloropropane	10.0	9.66		ug/L		97	66 - 134
1,1-Dichloropropene	10.0	9.98		ug/L		100	65 - 136
Ethylbenzene	10.0	9.75		ug/L		98	70 - 130
Ethylene Dibromide	10.0	10.0		ug/L		100	66 - 130
Hexachlorobutadiene	10.0	10.1		ug/L		101	62 - 143
2-Hexanone	100	104		ug/L		104	60 - 148
Isopropylbenzene	10.0	9.72		ug/L		97	62 - 130
4-Isopropyltoluene	10.0	9.67		ug/L		97	65 - 134
Methylene Chloride	10.0	10.1		ug/L		101	57 - 130
4-Methyl-2-pentanone (MIBK)	100	90.8		ug/L		91	64 - 137
Methyl tert-butyl ether	10.0	9.13		ug/L		91	67 - 130
Naphthalene	10.0	9.42		ug/L		94	50 - 136
n-Butylbenzene	10.0	9.77		ug/L		98	61 - 131
N-Propylbenzene	10.0	9.69		ug/L		97	67 - 130
o-Xylene	10.0	9.93		ug/L		99	69 - 130
sec-Butylbenzene	10.0	9.86		ug/L		99	68 - 133
Styrene	10.0	9.95		ug/L		99	68 - 131
tert-Butylbenzene	10.0	9.88		ug/L		99	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.36		ug/L		94	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.63		ug/L		96	70 - 130
Tetrachloroethene	10.0	9.75		ug/L		97	50 - 143
Toluene	10.0	9.75		ug/L		98	70 - 131
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	62 - 139
trans-1,3-Dichloropropene	10.0	9.86		ug/L		99	67 - 130
1,2,3-Trichlorobenzene	10.0	9.93		ug/L		99	58 - 132
1,2,4-Trichlorobenzene	10.0	10.0		ug/L		100	66 - 130
1,1,1-Trichloroethane	10.0	9.91		ug/L		99	63 - 132
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	70 - 130
Trichloroethene	10.0	11.0		ug/L		110	63 - 139
Trichlorofluoromethane	10.0	8.71		ug/L		87	62 - 146
1,2,3-Trichloropropane	10.0	9.40		ug/L		94	66 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166929/4
Matrix: Water
Analysis Batch: 166929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2,4-Trimethylbenzene			10.0	9.40		ug/L		94	70 - 132		
1,3,5-Trimethylbenzene			10.0	9.73		ug/L		97	65 - 134		
Vinyl chloride			10.0	8.92		ug/L		89	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 660-166929/5
Matrix: Water
Analysis Batch: 166929

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	105		ug/L		105	62 - 142	5	30
Benzene			10.0	9.31		ug/L		93	68 - 134	7	30
Bromobenzene			10.0	9.24		ug/L		92	70 - 130	5	30
Bromoform			10.0	9.18		ug/L		92	65 - 130	3	30
Bromomethane			10.0	8.57		ug/L		86	22 - 150	8	30
2-Butanone (MEK)			100	99.8		ug/L		100	63 - 140	4	30
Carbon disulfide			10.0	9.64		ug/L		96	30 - 150	3	30
Carbon tetrachloride			10.0	10.0		ug/L		100	61 - 134	2	30
Chlorobenzene			10.0	9.48		ug/L		95	70 - 130	5	30
Chlorobromomethane			10.0	9.69		ug/L		97	70 - 130	4	30
Chlorodibromomethane			10.0	9.22		ug/L		92	70 - 130	6	30
Chloroethane			10.0	7.67		ug/L		77	39 - 150	14	30
Chloroform			10.0	9.07		ug/L		91	68 - 130	9	30
Chloromethane			10.0	8.05		ug/L		80	35 - 150	19	30
2-Chlorotoluene			10.0	9.29		ug/L		93	70 - 130	6	30
4-Chlorotoluene			10.0	9.31		ug/L		93	70 - 130	7	30
cis-1,2-Dichloroethene			10.0	9.22		ug/L		92	66 - 130	6	30
cis-1,3-Dichloropropene			10.0	9.12		ug/L		91	70 - 130	7	30
1,2-Dibromo-3-Chloropropane			10.0	9.14		ug/L		91	63 - 130	3	30
Dibromomethane			10.0	9.69		ug/L		97	70 - 130	9	30
1,2-Dichlorobenzene			10.0	9.40		ug/L		94	70 - 130	7	30
1,3-Dichlorobenzene			10.0	9.51		ug/L		95	70 - 130	3	30
1,4-Dichlorobenzene			10.0	9.41		ug/L		94	70 - 130	6	30
Dichlorobromomethane			10.0	9.28		ug/L		93	70 - 130	9	30
Dichlorodifluoromethane			10.0	6.67		ug/L		67	16 - 149	12	30
1,1-Dichloroethane			10.0	9.38		ug/L		94	66 - 130	9	30
1,2-Dichloroethane			10.0	9.11		ug/L		91	70 - 130	5	30
1,1-Dichloroethene			10.0	9.25		ug/L		92	51 - 150	5	30
1,2-Dichloropropane			10.0	8.88		ug/L		89	70 - 130	15	30
1,3-Dichloropropane			10.0	9.16		ug/L		92	70 - 130	9	30
2,2-Dichloropropane			10.0	8.58		ug/L		86	66 - 134	12	30
1,1-Dichloropropene			10.0	9.49		ug/L		95	65 - 136	5	30
Ethylbenzene			10.0	9.15		ug/L		92	70 - 130	6	30
Ethylene Dibromide			10.0	9.40		ug/L		94	66 - 130	6	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166929/5
Matrix: Water
Analysis Batch: 166929

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	10.0	10.0		ug/L		100	62 - 143	1	30
2-Hexanone	100	97.3		ug/L		97	60 - 148	6	30
Isopropylbenzene	10.0	9.24		ug/L		92	62 - 130	5	30
4-Isopropyltoluene	10.0	9.27		ug/L		93	65 - 134	4	30
Methylene Chloride	10.0	9.76		ug/L		98	57 - 130	4	30
4-Methyl-2-pentanone (MIBK)	100	85.3		ug/L		85	64 - 137	6	30
Methyl tert-butyl ether	10.0	8.64		ug/L		86	67 - 130	5	30
Naphthalene	10.0	9.02		ug/L		90	50 - 136	4	30
n-Butylbenzene	10.0	9.40		ug/L		94	61 - 131	4	30
N-Propylbenzene	10.0	9.31		ug/L		93	67 - 130	4	30
o-Xylene	10.0	9.05		ug/L		91	69 - 130	9	30
sec-Butylbenzene	10.0	9.48		ug/L		95	68 - 133	4	30
Styrene	10.0	9.17		ug/L		92	68 - 131	8	30
tert-Butylbenzene	10.0	9.32		ug/L		93	64 - 130	6	30
1,1,1,2-Tetrachloroethane	10.0	9.33		ug/L		93	70 - 130	0	30
1,1,2,2-Tetrachloroethane	10.0	9.37		ug/L		94	70 - 130	3	30
Tetrachloroethene	10.0	9.35		ug/L		94	50 - 143	4	30
Toluene	10.0	9.37		ug/L		94	70 - 131	4	30
trans-1,2-Dichloroethene	10.0	9.77		ug/L		98	62 - 139	4	30
trans-1,3-Dichloropropene	10.0	8.97		ug/L		90	67 - 130	9	30
1,2,3-Trichlorobenzene	10.0	9.37		ug/L		94	58 - 132	6	30
1,2,4-Trichlorobenzene	10.0	9.19		ug/L		92	66 - 130	8	30
1,1,1-Trichloroethane	10.0	9.40		ug/L		94	63 - 132	5	30
1,1,2-Trichloroethane	10.0	9.39		ug/L		94	70 - 130	9	30
Trichloroethene	10.0	10.1		ug/L		101	63 - 139	9	30
Trichlorofluoromethane	10.0	8.19		ug/L		82	62 - 146	6	30
1,2,3-Trichloropropane	10.0	9.15		ug/L		91	66 - 130	3	30
1,2,4-Trimethylbenzene	10.0	9.21		ug/L		92	70 - 132	2	30
1,3,5-Trimethylbenzene	10.0	9.14		ug/L		91	65 - 134	6	30
Vinyl chloride	10.0	7.42		ug/L		74	48 - 147	18	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-72177-80 MS
Matrix: Water
Analysis Batch: 166929

Client Sample ID: EW-2103_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	99	U	1000	1020		ug/L		102	62 - 142
Benzene	5.0	U	100	101		ug/L		101	68 - 134
Bromobenzene	5.8	U	100	101		ug/L		101	70 - 130
Bromoform	6.3	U	100	103		ug/L		103	65 - 130
Bromomethane	25	U	100	74.7		ug/L		75	22 - 150
2-Butanone (MEK)	84	U	1000	1090		ug/L		109	63 - 140
Carbon disulfide	10	U	100	102		ug/L		102	30 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-80 MS
Matrix: Water
Analysis Batch: 166929

Client Sample ID: EW-2103_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	4.3	U	100	106		ug/L		106	61 - 134
Chlorobenzene	6.3	U	100	102		ug/L		102	70 - 130
Chlorobromomethane	5.8	U	100	99.5		ug/L		99	70 - 130
Chlorodibromomethane	3.1	U	100	99.0		ug/L		99	70 - 130
Chloroethane	25	U	100	125		ug/L		125	39 - 150
Chloroform	9.0	U	100	98.0		ug/L		98	68 - 130
Chloromethane	10	U	100	89.5		ug/L		89	35 - 150
2-Chlorotoluene	6.5	U	100	104		ug/L		104	70 - 130
4-Chlorotoluene	5.2	U	100	101		ug/L		101	70 - 130
cis-1,2-Dichloroethene	6.5	U	100	103		ug/L		103	66 - 130
cis-1,3-Dichloropropene	3.9	U	100	102		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	25	U	100	101		ug/L		101	63 - 130
Dibromomethane	4.6	U	100	100		ug/L		100	70 - 130
1,2-Dichlorobenzene	4.9	U	100	101		ug/L		101	70 - 130
1,3-Dichlorobenzene	6.4	U	100	98.3		ug/L		98	70 - 130
1,4-Dichlorobenzene	6.0	U	100	101		ug/L		101	70 - 130
Dichlorobromomethane	4.4	U	100	103		ug/L		103	70 - 130
Dichlorodifluoromethane	25	U	100	81.5		ug/L		82	16 - 149
1,1-Dichloroethane	16		100	117		ug/L		101	66 - 130
1,2-Dichloroethane	5.7	U	100	98.9		ug/L		99	70 - 130
1,1-Dichloroethene	22		100	116		ug/L		94	51 - 150
1,2-Dichloropropane	5.2	U	100	104		ug/L		104	70 - 130
1,3-Dichloropropane	4.2	U	100	99.7		ug/L		100	70 - 130
2,2-Dichloropropane	3.6	U	100	91.7		ug/L		92	66 - 134
1,1-Dichloropropene	6.5	U	100	101		ug/L		101	65 - 136
Ethylbenzene	4.4	U	100	102		ug/L		102	70 - 130
Ethylene Dibromide	5.0	U	100	103		ug/L		103	66 - 130
Hexachlorobutadiene	3.4	U	100	102		ug/L		102	62 - 143
2-Hexanone	44	U	1000	1030		ug/L		103	60 - 148
Isopropylbenzene	5.2	U	100	98.9		ug/L		99	62 - 130
4-Isopropyltoluene	6.9	U	100	101		ug/L		101	65 - 134
Methylene Chloride	40	U	100	99.7		ug/L		100	57 - 130
4-Methyl-2-pentanone (MIBK)	40	U	1000	932		ug/L		93	64 - 137
Methyl tert-butyl ether	4.4	U	100	91.5		ug/L		91	67 - 130
Naphthalene	25	U	100	95.9		ug/L		96	50 - 136
n-Butylbenzene	6.7	U	100	100		ug/L		100	61 - 131
N-Propylbenzene	5.9	U	100	102		ug/L		102	67 - 130
o-Xylene	5.0	U	100	96.7		ug/L		97	69 - 130
sec-Butylbenzene	6.3	U	100	104		ug/L		104	68 - 133
Styrene	9.8	U	100	101		ug/L		101	68 - 131
tert-Butylbenzene	8.4	U	100	99.4		ug/L		99	64 - 130
1,1,1,2-Tetrachloroethane	6.3	U	100	98.5		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	1.7	U	100	98.7		ug/L		99	70 - 130
Tetrachloroethene	170		100	270		ug/L		102	50 - 143
Toluene	5.1	U	100	101		ug/L		101	70 - 131
trans-1,2-Dichloroethene	6.7	U	100	103		ug/L		103	62 - 139
trans-1,3-Dichloropropene	2.7	U	100	96.2		ug/L		96	67 - 130
1,2,3-Trichlorobenzene	7.7	U	100	100		ug/L		100	58 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-80 MS
Matrix: Water
Analysis Batch: 166929

Client Sample ID: EW-2103_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	5.8	U	100	101		ug/L		101	66 - 130
1,1,1-Trichloroethane	4.7	U	100	102		ug/L		102	63 - 132
1,1,2-Trichloroethane	4.7	U	100	107		ug/L		107	70 - 130
Trichloroethene	39		100	140		ug/L		101	63 - 139
Trichlorofluoromethane	25	U	100	90.8		ug/L		91	62 - 146
1,2,3-Trichloropropane	4.4	U	100	104		ug/L		104	66 - 130
1,2,4-Trimethylbenzene	8.6	U	100	96.4		ug/L		96	70 - 132
1,3,5-Trimethylbenzene	5.4	U	100	99.1		ug/L		99	65 - 134
Vinyl chloride	7.1	U	100	89.3		ug/L		89	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-72177-80 MSD
Matrix: Water
Analysis Batch: 166929

Client Sample ID: EW-2103_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	99	U	1000	982		ug/L		98	62 - 142	4	30
Benzene	5.0	U	100	98.5		ug/L		98	68 - 134	2	30
Bromobenzene	5.8	U	100	97.6		ug/L		98	70 - 130	3	30
Bromoform	6.3	U	100	95.7		ug/L		96	65 - 130	7	30
Bromomethane	25	U	100	82.5		ug/L		82	22 - 150	10	30
2-Butanone (MEK)	84	U	1000	1050		ug/L		105	63 - 140	4	30
Carbon disulfide	10	U	100	96.8		ug/L		97	30 - 150	5	30
Carbon tetrachloride	4.3	U	100	102		ug/L		102	61 - 134	4	30
Chlorobenzene	6.3	U	100	98.2		ug/L		98	70 - 130	4	30
Chlorobromomethane	5.8	U	100	98.0		ug/L		98	70 - 130	2	30
Chlorodibromomethane	3.1	U	100	97.5		ug/L		98	70 - 130	1	30
Chloroethane	25	U	100	115		ug/L		115	39 - 150	9	30
Chloroform	9.0	U	100	96.5		ug/L		96	68 - 130	2	30
Chloromethane	10	U	100	89.0		ug/L		89	35 - 150	1	30
2-Chlorotoluene	6.5	U	100	96.8		ug/L		97	70 - 130	8	30
4-Chlorotoluene	5.2	U	100	98.3		ug/L		98	70 - 130	2	30
cis-1,2-Dichloroethene	6.5	U	100	97.9		ug/L		98	66 - 130	5	30
cis-1,3-Dichloropropene	3.9	U	100	96.8		ug/L		97	70 - 130	5	30
1,2-Dibromo-3-Chloropropane	25	U	100	100		ug/L		100	63 - 130	1	30
Dibromomethane	4.6	U	100	102		ug/L		102	70 - 130	2	30
1,2-Dichlorobenzene	4.9	U	100	98.6		ug/L		99	70 - 130	2	30
1,3-Dichlorobenzene	6.4	U	100	98.6		ug/L		99	70 - 130	0	30
1,4-Dichlorobenzene	6.0	U	100	99.0		ug/L		99	70 - 130	2	30
Dichlorobromomethane	4.4	U	100	96.7		ug/L		97	70 - 130	6	30
Dichlorodifluoromethane	25	U	100	77.4		ug/L		77	16 - 149	5	30
1,1-Dichloroethane	16		100	111		ug/L		94	66 - 130	6	30
1,2-Dichloroethane	5.7	U	100	95.7		ug/L		96	70 - 130	3	30
1,1-Dichloroethene	22		100	110		ug/L		88	51 - 150	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-80 MSD
Matrix: Water
Analysis Batch: 166929

Client Sample ID: EW-2103_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	5.2	U	100	100		ug/L		100	70 - 130	4	30
1,3-Dichloropropane	4.2	U	100	98.2		ug/L		98	70 - 130	1	30
2,2-Dichloropropane	3.6	U	100	87.5		ug/L		88	66 - 134	5	30
1,1-Dichloropropene	6.5	U	100	95.6		ug/L		96	65 - 136	6	30
Ethylbenzene	4.4	U	100	96.7		ug/L		97	70 - 130	5	30
Ethylene Dibromide	5.0	U	100	105		ug/L		105	66 - 130	1	30
Hexachlorobutadiene	3.4	U	100	99.4		ug/L		99	62 - 143	2	30
2-Hexanone	44	U	1000	1000		ug/L		100	60 - 148	3	30
Isopropylbenzene	5.2	U	100	96.6		ug/L		97	62 - 130	2	30
4-Isopropyltoluene	6.9	U	100	96.0		ug/L		96	65 - 134	5	30
Methylene Chloride	40	U	100	97.5		ug/L		98	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)	40	U	1000	935		ug/L		94	64 - 137	0	30
Methyl tert-butyl ether	4.4	U	100	92.3		ug/L		92	67 - 130	1	30
Naphthalene	25	U	100	94.8		ug/L		95	50 - 136	1	30
n-Butylbenzene	6.7	U	100	96.2		ug/L		96	61 - 131	4	30
N-Propylbenzene	5.9	U	100	95.7		ug/L		96	67 - 130	7	30
o-Xylene	5.0	U	100	93.8		ug/L		94	69 - 130	3	30
sec-Butylbenzene	6.3	U	100	98.4		ug/L		98	68 - 133	5	30
Styrene	9.8	U	100	94.4		ug/L		94	68 - 131	7	30
tert-Butylbenzene	8.4	U	100	99.2		ug/L		99	64 - 130	0	30
1,1,1,2-Tetrachloroethane	6.3	U	100	95.0		ug/L		95	70 - 130	4	30
1,1,2,2-Tetrachloroethane	1.7	U	100	99.7		ug/L		100	70 - 130	1	30
Tetrachloroethene	170		100	261		ug/L		93	50 - 143	3	30
Toluene	5.1	U	100	97.3		ug/L		97	70 - 131	4	30
trans-1,2-Dichloroethene	6.7	U	100	101		ug/L		101	62 - 139	2	30
trans-1,3-Dichloropropene	2.7	U	100	94.5		ug/L		94	67 - 130	2	30
1,2,3-Trichlorobenzene	7.7	U	100	98.6		ug/L		99	58 - 132	2	30
1,2,4-Trichlorobenzene	5.8	U	100	99.1		ug/L		99	66 - 130	2	30
1,1,1-Trichloroethane	4.7	U	100	97.5		ug/L		98	63 - 132	4	30
1,1,2-Trichloroethane	4.7	U	100	107		ug/L		107	70 - 130	0	30
Trichloroethene	39		100	140		ug/L		101	63 - 139	0	30
Trichlorofluoromethane	25	U	100	90.7		ug/L		91	62 - 146	0	30
1,2,3-Trichloropropane	4.4	U	100	102		ug/L		102	66 - 130	2	30
1,2,4-Trimethylbenzene	8.6	U	100	93.3		ug/L		93	70 - 132	3	30
1,3,5-Trimethylbenzene	5.4	U	100	95.5		ug/L		95	65 - 134	4	30
Vinyl chloride	7.1	U	100	101		ug/L		101	48 - 147	13	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-166586/7
Matrix: Water
Analysis Batch: 166586

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/22/16 11:33	1

Lab Sample ID: LCS 660-166586/4
Matrix: Water
Analysis Batch: 166586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.45		ug/L		84	50 - 150

Lab Sample ID: LCSD 660-166586/5
Matrix: Water
Analysis Batch: 166586

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	9.08		ug/L		91	50 - 150	7	50

Lab Sample ID: 660-72177-1 MS
Matrix: Water
Analysis Batch: 166586

Client Sample ID: EW-2001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	7.77		ug/L		78	50 - 150

Lab Sample ID: 660-72177-1 MSD
Matrix: Water
Analysis Batch: 166586

Client Sample ID: EW-2001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	8.67		ug/L		87	50 - 150	11	50

Lab Sample ID: MB 660-166637/7
Matrix: Water
Analysis Batch: 166637

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/23/16 13:24	1

Lab Sample ID: LCS 660-166637/4
Matrix: Water
Analysis Batch: 166637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	9.36		ug/L		94	50 - 150

Lab Sample ID: LCSD 660-166637/5
Matrix: Water
Analysis Batch: 166637

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	9.03		ug/L		90	50 - 150	4	50

Lab Sample ID: 660-72177-18 MS
Matrix: Water
Analysis Batch: 166637

Client Sample ID: EW-2018_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	5.7		10.0	15.2		ug/L		95	50 - 150

Lab Sample ID: 660-72177-18 MSD
Matrix: Water
Analysis Batch: 166637

Client Sample ID: EW-2018_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	5.7		10.0	13.6		ug/L		80	50 - 150	11	50

Lab Sample ID: MB 660-166686/7
Matrix: Water
Analysis Batch: 166686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/24/16 13:13	1

Lab Sample ID: LCS 660-166686/4
Matrix: Water
Analysis Batch: 166686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.48		ug/L		85	50 - 150

Lab Sample ID: LCSD 660-166686/5
Matrix: Water
Analysis Batch: 166686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	9.21		ug/L		92	50 - 150	8	50

Lab Sample ID: 660-72177-38 MS
Matrix: Water
Analysis Batch: 166686

Client Sample ID: EW-3001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	26		10.0	32.9		ug/L		71	50 - 150

Lab Sample ID: 660-72177-38 MSD
Matrix: Water
Analysis Batch: 166686

Client Sample ID: EW-3001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	26		10.0	35.7		ug/L		99	50 - 150	8	50

Lab Sample ID: MB 660-166729/7
Matrix: Water
Analysis Batch: 166729

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/25/16 10:11	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166729/4
Matrix: Water
Analysis Batch: 166729

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	7.49		ug/L		75	50 - 150		

Lab Sample ID: LCSD 660-166729/5
Matrix: Water
Analysis Batch: 166729

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	7.79		ug/L		78	50 - 150	4	50

Lab Sample ID: 660-72245-C-1 MS
Matrix: Water
Analysis Batch: 166729

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	6.2		10.0	14.3		ug/L		81	50 - 150		

Lab Sample ID: 660-72245-C-1 MSD
Matrix: Water
Analysis Batch: 166729

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	6.2		10.0	12.5		ug/L		63	50 - 150	13	50

Lab Sample ID: MB 660-166790/7
Matrix: Water
Analysis Batch: 166790

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/26/16 11:31	1

Lab Sample ID: LCS 660-166790/4
Matrix: Water
Analysis Batch: 166790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	9.46		ug/L		95	50 - 150		

Lab Sample ID: LCSD 660-166790/5
Matrix: Water
Analysis Batch: 166790

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.19		ug/L		82	50 - 150	14	50

Lab Sample ID: 660-72177-77 MS
Matrix: Water
Analysis Batch: 166790

Client Sample ID: EW-5002_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	2.2		10.0	9.68		ug/L		75	50 - 150		

Lab Sample ID: 660-72177-77 MSD
Matrix: Water
Analysis Batch: 166790

Client Sample ID: EW-5002_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	2.2		10.0	11.9		ug/L		97	50 - 150	20	50

Lab Sample ID: MB 660-166856/7
Matrix: Water
Analysis Batch: 166856

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/29/16 12:16	1

Lab Sample ID: LCS 660-166856/4
Matrix: Water
Analysis Batch: 166856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	7.50		ug/L		75	50 - 150		

Lab Sample ID: LCSD 660-166856/5
Matrix: Water
Analysis Batch: 166856

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	9.84		ug/L		98	50 - 150	27	50

Lab Sample ID: 660-72250-A-34 MS
Matrix: Water
Analysis Batch: 166856

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	8.08		ug/L		81	50 - 150		

Lab Sample ID: 660-72250-C-34 MSD
Matrix: Water
Analysis Batch: 166856

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	8.87		ug/L		89	50 - 150	9	50

GC/MS VOA

Analysis Batch: 166586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-1	EW-2001_INF	Total/NA	Water	8260C SIM	
660-72177-1 MS	EW-2001_INF	Total/NA	Water	8260C SIM	
660-72177-1 MSD	EW-2001_INF	Total/NA	Water	8260C SIM	
660-72177-2	EW-2002_INF	Total/NA	Water	8260C SIM	
660-72177-3	EW-2003_INF	Total/NA	Water	8260C SIM	
660-72177-4	EW-2004_INF	Total/NA	Water	8260C SIM	
660-72177-5	EW-2005_INF	Total/NA	Water	8260C SIM	
660-72177-6	EW-2006_INF	Total/NA	Water	8260C SIM	
660-72177-7	EW-2007_INF	Total/NA	Water	8260C SIM	
660-72177-8	EW-2008_INF	Total/NA	Water	8260C SIM	
660-72177-9	EW-2009_INF	Total/NA	Water	8260C SIM	
660-72177-10	EW-2010_INF	Total/NA	Water	8260C SIM	
660-72177-11	EW-2011_INF	Total/NA	Water	8260C SIM	
660-72177-12	EW-2012_INF	Total/NA	Water	8260C SIM	
660-72177-13	EW-2013_INF	Total/NA	Water	8260C SIM	
660-72177-14	EW-2014_INF	Total/NA	Water	8260C SIM	
660-72177-15	EW-2015_INF	Total/NA	Water	8260C SIM	
660-72177-16	EW-2016_INF	Total/NA	Water	8260C SIM	
660-72177-17	EW-2017_INF	Total/NA	Water	8260C SIM	
LCS 660-166586/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166586/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166586/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 166637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-18	EW-2018_INF	Total/NA	Water	8260C SIM	
660-72177-18 MS	EW-2018_INF	Total/NA	Water	8260C SIM	
660-72177-18 MSD	EW-2018_INF	Total/NA	Water	8260C SIM	
660-72177-19	EW-2019_INF	Total/NA	Water	8260C SIM	
660-72177-20	EW-2020_INF	Total/NA	Water	8260C SIM	
660-72177-21	EW-2021_INF	Total/NA	Water	8260C SIM	
660-72177-22	EW-2022_INF	Total/NA	Water	8260C SIM	
660-72177-23	EW-2023_INF	Total/NA	Water	8260C SIM	
660-72177-24	EW-2024_INF	Total/NA	Water	8260C SIM	
660-72177-25	EW-2025_INF	Total/NA	Water	8260C SIM	
660-72177-26	EW-2026_INF	Total/NA	Water	8260C SIM	
660-72177-27	EW-2027_INF	Total/NA	Water	8260C SIM	
660-72177-28	EW-2028_INF	Total/NA	Water	8260C SIM	
660-72177-29	EW-2029_INF	Total/NA	Water	8260C SIM	
660-72177-30	EW-2030_INF	Total/NA	Water	8260C SIM	
660-72177-31	EW-2031_INF	Total/NA	Water	8260C SIM	
660-72177-32	EW-2032_INF	Total/NA	Water	8260C SIM	
660-72177-33	EW-2033_INF	Total/NA	Water	8260C SIM	
660-72177-34	EW-2034_INF	Total/NA	Water	8260C SIM	
660-72177-35	EW-2035_INF	Total/NA	Water	8260C SIM	
660-72177-36	EW-2036_INF	Total/NA	Water	8260C SIM	
660-72177-37	EW-2037_INF	Total/NA	Water	8260C SIM	
LCS 660-166637/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166637/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166637/7	Method Blank	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 166686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-38	EW-3001_INF	Total/NA	Water	8260C SIM	
660-72177-38 MS	EW-3001_INF	Total/NA	Water	8260C SIM	
660-72177-38 MSD	EW-3001_INF	Total/NA	Water	8260C SIM	
660-72177-39	EW-3002_INF	Total/NA	Water	8260C SIM	
660-72177-40	EW-3003_INF	Total/NA	Water	8260C SIM	
660-72177-41	EW-3004_INF	Total/NA	Water	8260C SIM	
660-72177-42	EW-3005_INF	Total/NA	Water	8260C SIM	
660-72177-43	EW-3006_INF	Total/NA	Water	8260C SIM	
660-72177-44	EW-3007_INF	Total/NA	Water	8260C SIM	
660-72177-45	EW-3008_INF	Total/NA	Water	8260C SIM	
660-72177-46	EW-3009_INF	Total/NA	Water	8260C SIM	
660-72177-47	EW-3010_INF	Total/NA	Water	8260C SIM	
660-72177-49	EW-3012_INF	Total/NA	Water	8260C SIM	
660-72177-50	EW-3013_INF	Total/NA	Water	8260C SIM	
660-72177-51	EW-3014_INF	Total/NA	Water	8260C SIM	
660-72177-52	EW-3015_INF	Total/NA	Water	8260C SIM	
660-72177-53	EW-3016_INF	Total/NA	Water	8260C SIM	
660-72177-54	EW-3017_INF	Total/NA	Water	8260C SIM	
660-72177-56	EW-3019_INF	Total/NA	Water	8260C SIM	
660-72177-57	EW-3020_INF	Total/NA	Water	8260C SIM	
LCS 660-166686/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166686/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166686/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 166729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-58	EW-3021_INF	Total/NA	Water	8260C SIM	
660-72177-59	EW-3022_INF	Total/NA	Water	8260C SIM	
660-72177-60	EW-3023_INF	Total/NA	Water	8260C SIM	
660-72177-61	EW-3024_INF	Total/NA	Water	8260C SIM	
660-72177-62	EW-3025_INF	Total/NA	Water	8260C SIM	
660-72177-63	EW-3026_INF	Total/NA	Water	8260C SIM	
660-72177-64	EW-3027_INF	Total/NA	Water	8260C SIM	
660-72177-65	EW-4001_INF	Total/NA	Water	8260C SIM	
660-72177-66	EW-4002_INF	Total/NA	Water	8260C SIM	
660-72177-67	EW-4003_INF	Total/NA	Water	8260C SIM	
660-72177-68	EW-4004_INF	Total/NA	Water	8260C SIM	
660-72177-69	EW-4005_INF	Total/NA	Water	8260C SIM	
660-72177-70	EW-4006_INF	Total/NA	Water	8260C SIM	
660-72177-71	EW-4007_INF	Total/NA	Water	8260C SIM	
660-72177-72	EW-4008_INF	Total/NA	Water	8260C SIM	
660-72177-73	EW-4009_INF	Total/NA	Water	8260C SIM	
660-72177-74	EW-4010_INF	Total/NA	Water	8260C SIM	
660-72177-75	EW-4011_INF	Total/NA	Water	8260C SIM	
660-72177-76	EW-5001_INF	Total/NA	Water	8260C SIM	
660-72245-C-1 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-72245-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
LCS 660-166729/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166729/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166729/7	Method Blank	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 166790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-48	EW-3011_INF	Total/NA	Water	8260C SIM	
660-72177-55	EW-3018_INF	Total/NA	Water	8260C SIM	
660-72177-77	EW-5002_INF	Total/NA	Water	8260C SIM	
660-72177-77 MS	EW-5002_INF	Total/NA	Water	8260C SIM	
660-72177-77 MSD	EW-5002_INF	Total/NA	Water	8260C SIM	
660-72177-78	EW-2101_INF	Total/NA	Water	8260C SIM	
660-72177-79	EW-2102_INF	Total/NA	Water	8260C SIM	
660-72177-81	EW-2104_INF	Total/NA	Water	8260C SIM	
660-72177-82	Trip Blank	Total/NA	Water	8260C SIM	
LCS 660-166790/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166790/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166790/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 166823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-1	EW-2001_INF	Total/NA	Water	8260B	
660-72177-1 DU	EW-2001_INF	Total/NA	Water	8260B	
660-72177-2	EW-2002_INF	Total/NA	Water	8260B	
660-72177-2 MS	EW-2002_INF	Total/NA	Water	8260B	
660-72177-3	EW-2003_INF	Total/NA	Water	8260B	
660-72177-4	EW-2004_INF	Total/NA	Water	8260B	
660-72177-5	EW-2005_INF	Total/NA	Water	8260B	
LCS 660-166823/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-166823/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-166823/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 166832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-6	EW-2006_INF	Total/NA	Water	8260B	
660-72177-7	EW-2007_INF	Total/NA	Water	8260B	
660-72177-7 DU	EW-2007_INF	Total/NA	Water	8260B	
660-72177-8	EW-2008_INF	Total/NA	Water	8260B	
660-72177-8 MS	EW-2008_INF	Total/NA	Water	8260B	
660-72177-9	EW-2009_INF	Total/NA	Water	8260B	
660-72177-10	EW-2010_INF	Total/NA	Water	8260B	
660-72177-11	EW-2011_INF	Total/NA	Water	8260B	
660-72177-12	EW-2012_INF	Total/NA	Water	8260B	
660-72177-13	EW-2013_INF	Total/NA	Water	8260B	
660-72177-14	EW-2014_INF	Total/NA	Water	8260B	
660-72177-15	EW-2015_INF	Total/NA	Water	8260B	
660-72177-16	EW-2016_INF	Total/NA	Water	8260B	
660-72177-17	EW-2017_INF	Total/NA	Water	8260B	
660-72177-18	EW-2018_INF	Total/NA	Water	8260B	
660-72177-19	EW-2019_INF	Total/NA	Water	8260B	
660-72177-20	EW-2020_INF	Total/NA	Water	8260B	
660-72177-21	EW-2021_INF	Total/NA	Water	8260B	
660-72177-22	EW-2022_INF	Total/NA	Water	8260B	
660-72177-23	EW-2023_INF	Total/NA	Water	8260B	
LCS 660-166832/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-166832/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-166832/7	Method Blank	Total/NA	Water	8260B	

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Analysis Batch: 166838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72124-A-1 DU	Duplicate	Total/NA	Water	8260B	
660-72124-A-4 MS	Matrix Spike	Total/NA	Water	8260B	
660-72177-24	EW-2024_INF	Total/NA	Water	8260B	
660-72177-25	EW-2025_INF	Total/NA	Water	8260B	
660-72177-26	EW-2026_INF	Total/NA	Water	8260B	
660-72177-27	EW-2027_INF	Total/NA	Water	8260B	
660-72177-28 - DL	EW-2028_INF	Total/NA	Water	8260B	
660-72177-28	EW-2028_INF	Total/NA	Water	8260B	
660-72177-29	EW-2029_INF	Total/NA	Water	8260B	
LCS 660-166838/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-166838/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-166838/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 166851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-30	EW-2030_INF	Total/NA	Water	8260B	
660-72177-30 DU	EW-2030_INF	Total/NA	Water	8260B	
660-72177-31	EW-2031_INF	Total/NA	Water	8260B	
660-72177-32	EW-2032_INF	Total/NA	Water	8260B	
660-72177-32 MS	EW-2032_INF	Total/NA	Water	8260B	
660-72177-33 - DL	EW-2033_INF	Total/NA	Water	8260B	
660-72177-33	EW-2033_INF	Total/NA	Water	8260B	
660-72177-34	EW-2034_INF	Total/NA	Water	8260B	
660-72177-35	EW-2035_INF	Total/NA	Water	8260B	
660-72177-36	EW-2036_INF	Total/NA	Water	8260B	
660-72177-37	EW-2037_INF	Total/NA	Water	8260B	
660-72177-38	EW-3001_INF	Total/NA	Water	8260B	
LCS 660-166851/14	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-166851/15	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-166851/18	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 166856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-80	EW-2103_INF	Total/NA	Water	8260C SIM	
660-72250-A-34 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-72250-C-34 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
LCS 660-166856/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166856/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166856/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 166878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-39	EW-3002_INF	Total/NA	Water	8260B	
660-72177-40	EW-3003_INF	Total/NA	Water	8260B	
660-72177-40 DU	EW-3003_INF	Total/NA	Water	8260B	
660-72177-41	EW-3004_INF	Total/NA	Water	8260B	
660-72177-42 - DL	EW-3005_INF	Total/NA	Water	8260B	
660-72177-42	EW-3005_INF	Total/NA	Water	8260B	
660-72177-43 - DL	EW-3006_INF	Total/NA	Water	8260B	
660-72177-43	EW-3006_INF	Total/NA	Water	8260B	
660-72177-44	EW-3007_INF	Total/NA	Water	8260B	
660-72177-45	EW-3008_INF	Total/NA	Water	8260B	
660-72177-46	EW-3009_INF	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 166878 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-48	EW-3011_INF	Total/NA	Water	8260B	
660-72177-51	EW-3014_INF	Total/NA	Water	8260B	
660-72177-51 MS	EW-3014_INF	Total/NA	Water	8260B	
660-72177-66	EW-4002_INF	Total/NA	Water	8260B	
660-72177-68	EW-4004_INF	Total/NA	Water	8260B	
660-72177-82	Trip Blank	Total/NA	Water	8260B	
LCS 660-166878/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-166878/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-166878/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 166882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-47	EW-3010_INF	Total/NA	Water	8260B	
660-72177-53	EW-3016_INF	Total/NA	Water	8260B	
660-72177-54 - DL	EW-3017_INF	Total/NA	Water	8260B	
660-72177-54	EW-3017_INF	Total/NA	Water	8260B	
660-72177-55	EW-3018_INF	Total/NA	Water	8260B	
660-72177-56	EW-3019_INF	Total/NA	Water	8260B	
660-72177-57	EW-3020_INF	Total/NA	Water	8260B	
660-72177-59	EW-3022_INF	Total/NA	Water	8260B	
660-72177-60 - DL	EW-3023_INF	Total/NA	Water	8260B	
660-72177-60	EW-3023_INF	Total/NA	Water	8260B	
660-72177-61	EW-3024_INF	Total/NA	Water	8260B	
660-72177-63	EW-3026_INF	Total/NA	Water	8260B	
660-72177-65	EW-4001_INF	Total/NA	Water	8260B	
660-72177-72	EW-4008_INF	Total/NA	Water	8260B	
660-72177-72 DU	EW-4008_INF	Total/NA	Water	8260B	
660-72177-73	EW-4009_INF	Total/NA	Water	8260B	
660-72177-73 MS	EW-4009_INF	Total/NA	Water	8260B	
LCS 660-166882/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-166882/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-166882/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 166885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-49 - DL	EW-3012_INF	Total/NA	Water	8260B	
660-72177-49	EW-3012_INF	Total/NA	Water	8260B	
660-72177-50 - DL	EW-3013_INF	Total/NA	Water	8260B	
660-72177-50	EW-3013_INF	Total/NA	Water	8260B	
660-72177-58 - DL	EW-3021_INF	Total/NA	Water	8260B	
660-72177-58	EW-3021_INF	Total/NA	Water	8260B	
660-72177-69	EW-4005_INF	Total/NA	Water	8260B	
660-72177-70	EW-4006_INF	Total/NA	Water	8260B	
660-72177-70 DU	EW-4006_INF	Total/NA	Water	8260B	
660-72177-71	EW-4007_INF	Total/NA	Water	8260B	
660-72177-71 MS	EW-4007_INF	Total/NA	Water	8260B	
660-72177-74	EW-4010_INF	Total/NA	Water	8260B	
660-72177-75	EW-4011_INF	Total/NA	Water	8260B	
660-72177-76	EW-5001_INF	Total/NA	Water	8260B	
660-72177-77	EW-5002_INF	Total/NA	Water	8260B	
660-72177-78	EW-2101_INF	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 166885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-79	EW-2102_INF	Total/NA	Water	8260B	
660-72177-80	EW-2103_INF	Total/NA	Water	8260B	
660-72177-81	EW-2104_INF	Total/NA	Water	8260B	
LCS 660-166885/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-166885/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-166885/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 166929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-52 - DL	EW-3015_INF	Total/NA	Water	8260B	
660-72177-52	EW-3015_INF	Total/NA	Water	8260B	
660-72177-62 - DL	EW-3025_INF	Total/NA	Water	8260B	
660-72177-62	EW-3025_INF	Total/NA	Water	8260B	
660-72177-64 - DL	EW-3027_INF	Total/NA	Water	8260B	
660-72177-64	EW-3027_INF	Total/NA	Water	8260B	
660-72177-67 - DL	EW-4003_INF	Total/NA	Water	8260B	
660-72177-67	EW-4003_INF	Total/NA	Water	8260B	
660-72177-80 - DL	EW-2103_INF	Total/NA	Water	8260B	
660-72177-80 MS	EW-2103_INF	Total/NA	Water	8260B	
660-72177-80 MSD	EW-2103_INF	Total/NA	Water	8260B	
LCS 660-166929/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-166929/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-166929/7	Method Blank	Total/NA	Water	8260B	

Client Sample ID: EW-2001_INF
Lab Sample ID: 660-72177-1
Date Collected: 02/18/16 08:12
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166823	02/27/16 15:55	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 11:51	TGP	TAL TAM

Client Sample ID: EW-2002_INF
Lab Sample ID: 660-72177-2
Date Collected: 02/18/16 08:19
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166823	02/27/16 16:14	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 13:06	TGP	TAL TAM

Client Sample ID: EW-2003_INF
Lab Sample ID: 660-72177-3
Date Collected: 02/18/16 08:32
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166823	02/27/16 17:30	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 13:25	TGP	TAL TAM

Client Sample ID: EW-2004_INF
Lab Sample ID: 660-72177-4
Date Collected: 02/18/16 08:38
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166823	02/27/16 17:48	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 13:43	TGP	TAL TAM

Client Sample ID: EW-2005_INF
Lab Sample ID: 660-72177-5
Date Collected: 02/18/16 08:47
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166823	02/27/16 18:07	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 14:02	TGP	TAL TAM

Client Sample ID: EW-2006_INF
Lab Sample ID: 660-72177-6
Date Collected: 02/18/16 08:55
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 18:19	ECC	TAL TAM

Client Sample ID: EW-2006_INF
Lab Sample ID: 660-72177-6
Date Collected: 02/18/16 08:55
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 14:20	TGP	TAL TAM

Client Sample ID: EW-2007_INF
Lab Sample ID: 660-72177-7
Date Collected: 02/18/16 09:04
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 17:22	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 14:38	TGP	TAL TAM

Client Sample ID: EW-2008_INF
Lab Sample ID: 660-72177-8
Date Collected: 02/17/16 14:43
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 17:41	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 14:57	TGP	TAL TAM

Client Sample ID: EW-2009_INF
Lab Sample ID: 660-72177-9
Date Collected: 02/17/16 14:39
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 19:16	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 15:16	TGP	TAL TAM

Client Sample ID: EW-2010_INF
Lab Sample ID: 660-72177-10
Date Collected: 02/17/16 14:29
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 19:35	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 15:34	TGP	TAL TAM

Client Sample ID: EW-2011_INF
Lab Sample ID: 660-72177-11
Date Collected: 02/17/16 14:25
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 19:54	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 15:54	TGP	TAL TAM

Client Sample ID: EW-2012_INF
Lab Sample ID: 660-72177-12
Date Collected: 02/18/16 09:59
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 20:13	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 16:12	TGP	TAL TAM

Client Sample ID: EW-2013_INF
Lab Sample ID: 660-72177-13
Date Collected: 02/18/16 09:52
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 20:31	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 16:30	TGP	TAL TAM

Client Sample ID: EW-2014_INF
Lab Sample ID: 660-72177-14
Date Collected: 02/18/16 10:12
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 23:22	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 16:49	TGP	TAL TAM

Client Sample ID: EW-2015_INF
Lab Sample ID: 660-72177-15
Date Collected: 02/17/16 13:52
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 20:51	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 17:07	TGP	TAL TAM

Client Sample ID: EW-2016_INF
Lab Sample ID: 660-72177-16
Date Collected: 02/19/16 08:22
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 21:09	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 17:26	TGP	TAL TAM

Client Sample ID: EW-2017_INF
Lab Sample ID: 660-72177-17
Date Collected: 02/19/16 08:10
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 21:29	ECC	TAL TAM

Client Sample ID: EW-2017_INF
Date Collected: 02/19/16 08:10
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	166586	02/22/16 17:44	TGP	TAL TAM

Client Sample ID: EW-2018_INF
Date Collected: 02/19/16 08:25
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 23:41	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 13:51	TGP	TAL TAM

Client Sample ID: EW-2019_INF
Date Collected: 02/19/16 08:40
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 21:48	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 15:06	TGP	TAL TAM

Client Sample ID: EW-2020_INF
Date Collected: 02/19/16 08:42
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 22:06	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 15:24	TGP	TAL TAM

Client Sample ID: EW-2021_INF
Date Collected: 02/19/16 08:41
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 22:25	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 15:43	TGP	TAL TAM

Client Sample ID: EW-2022_INF
Date Collected: 02/19/16 08:29
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 22:44	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 16:02	TGP	TAL TAM

Client Sample ID: EW-2023_INF
Lab Sample ID: 660-72177-23
Date Collected: 02/19/16 08:31
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166832	02/28/16 23:03	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 16:22	TGP	TAL TAM

Client Sample ID: EW-2024_INF
Lab Sample ID: 660-72177-24
Date Collected: 02/19/16 08:43
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166838	02/29/16 15:29	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 16:40	TGP	TAL TAM

Client Sample ID: EW-2025_INF
Lab Sample ID: 660-72177-25
Date Collected: 02/19/16 08:35
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166838	02/29/16 14:33	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 16:59	TGP	TAL TAM

Client Sample ID: EW-2026_INF
Lab Sample ID: 660-72177-26
Date Collected: 02/19/16 07:46
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166838	02/29/16 14:51	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 17:17	TGP	TAL TAM

Client Sample ID: EW-2027_INF
Lab Sample ID: 660-72177-27
Date Collected: 02/19/16 07:39
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166838	02/29/16 15:10	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 17:36	TGP	TAL TAM

Client Sample ID: EW-2028_INF
Lab Sample ID: 660-72177-28
Date Collected: 02/19/16 07:44
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	166838	02/29/16 16:07	ECC	TAL TAM

Client Sample ID: EW-2028_INF
Lab Sample ID: 660-72177-28
Date Collected: 02/19/16 07:44
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166838	02/29/16 16:26	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 17:55	TGP	TAL TAM

Client Sample ID: EW-2029_INF
Lab Sample ID: 660-72177-29
Date Collected: 02/19/16 07:56
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166838	02/29/16 15:48	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 18:13	TGP	TAL TAM

Client Sample ID: EW-2030_INF
Lab Sample ID: 660-72177-30
Date Collected: 02/19/16 07:36
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166851	02/29/16 16:57	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 18:31	TGP	TAL TAM

Client Sample ID: EW-2031_INF
Lab Sample ID: 660-72177-31
Date Collected: 02/19/16 07:33
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166851	02/29/16 17:34	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 18:50	TGP	TAL TAM

Client Sample ID: EW-2032_INF
Lab Sample ID: 660-72177-32
Date Collected: 02/19/16 07:54
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166851	02/29/16 19:26	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 19:09	TGP	TAL TAM

Client Sample ID: EW-2033_INF
Lab Sample ID: 660-72177-33
Date Collected: 02/19/16 07:50
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	166851	02/29/16 20:03	TGP	TAL TAM

Client Sample ID: EW-2033_INF
Lab Sample ID: 660-72177-33
Date Collected: 02/19/16 07:50
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166851	02/29/16 20:22	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 19:28	TGP	TAL TAM

Client Sample ID: EW-2034_INF
Lab Sample ID: 660-72177-34
Date Collected: 02/17/16 13:41
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166851	02/29/16 17:53	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 19:46	TGP	TAL TAM

Client Sample ID: EW-2035_INF
Lab Sample ID: 660-72177-35
Date Collected: 02/18/16 11:05
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166851	02/29/16 18:12	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 20:05	TGP	TAL TAM

Client Sample ID: EW-2036_INF
Lab Sample ID: 660-72177-36
Date Collected: 02/18/16 13:10
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166851	02/29/16 18:30	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 20:24	TGP	TAL TAM

Client Sample ID: EW-2037_INF
Lab Sample ID: 660-72177-37
Date Collected: 02/18/16 14:02
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166851	02/29/16 18:49	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	166637	02/23/16 20:43	TGP	TAL TAM

Client Sample ID: EW-3001_INF
Lab Sample ID: 660-72177-38
Date Collected: 02/17/16 14:15
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166851	02/29/16 19:07	TGP	TAL TAM

Client Sample ID: EW-3001_INF
Lab Sample ID: 660-72177-38
Date Collected: 02/17/16 14:15
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	166686	02/24/16 13:41	TGP	TAL TAM

Client Sample ID: EW-3002_INF
Lab Sample ID: 660-72177-39
Date Collected: 02/17/16 14:05
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166878	03/01/16 02:34	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166686	02/24/16 14:56	TGP	TAL TAM

Client Sample ID: EW-3003_INF
Lab Sample ID: 660-72177-40
Date Collected: 02/17/16 13:59
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166878	02/29/16 22:46	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166686	02/24/16 15:34	TGP	TAL TAM

Client Sample ID: EW-3004_INF
Lab Sample ID: 660-72177-41
Date Collected: 02/19/16 09:05
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166878	03/01/16 01:18	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166686	02/24/16 15:55	TGP	TAL TAM

Client Sample ID: EW-3005_INF
Lab Sample ID: 660-72177-42
Date Collected: 02/19/16 08:39
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	166878	03/01/16 03:12	ECC	TAL TAM
Total/NA	Analysis	8260B		1	166878	03/01/16 03:50	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166686	02/24/16 16:13	TGP	TAL TAM

Client Sample ID: EW-3006_INF
Lab Sample ID: 660-72177-43
Date Collected: 02/19/16 09:16
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	166878	03/01/16 03:31	ECC	TAL TAM

Client Sample ID: EW-3006_INF
Lab Sample ID: 660-72177-43
Date Collected: 02/19/16 09:16
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166878	03/01/16 04:28	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166686	02/24/16 16:33	TGP	TAL TAM

Client Sample ID: EW-3007_INF
Lab Sample ID: 660-72177-44
Date Collected: 02/19/16 08:37
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166878	03/01/16 01:37	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166686	02/24/16 16:52	TGP	TAL TAM

Client Sample ID: EW-3008_INF
Lab Sample ID: 660-72177-45
Date Collected: 02/19/16 08:27
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166878	03/01/16 04:09	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	166686	02/24/16 17:10	TGP	TAL TAM

Client Sample ID: EW-3009_INF
Lab Sample ID: 660-72177-46
Date Collected: 02/19/16 07:42
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166878	03/01/16 05:44	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166686	02/24/16 17:29	TGP	TAL TAM

Client Sample ID: EW-3010_INF
Lab Sample ID: 660-72177-47
Date Collected: 02/19/16 07:58
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166882	03/01/16 15:22	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	166686	02/24/16 17:47	TGP	TAL TAM

Client Sample ID: EW-3011_INF
Lab Sample ID: 660-72177-48
Date Collected: 02/17/16 13:36
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166878	03/01/16 02:53	ECC	TAL TAM

Client Sample ID: EW-3011_INF
Lab Sample ID: 660-72177-48
Date Collected: 02/17/16 13:36
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 15:03	TGP	TAL TAM

Client Sample ID: EW-3012_INF
Lab Sample ID: 660-72177-49
Date Collected: 02/18/16 07:09
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	50	166885	03/01/16 14:37	ECC	TAL TAM
Total/NA	Analysis	8260B		5	166885	03/01/16 16:28	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166686	02/24/16 18:26	TGP	TAL TAM

Client Sample ID: EW-3013_INF
Lab Sample ID: 660-72177-50
Date Collected: 02/18/16 07:15
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	166885	03/01/16 14:55	ECC	TAL TAM
Total/NA	Analysis	8260B		1	166885	03/01/16 16:09	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166686	02/24/16 18:45	TGP	TAL TAM

Client Sample ID: EW-3014_INF
Lab Sample ID: 660-72177-51
Date Collected: 02/18/16 07:19
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166878	02/29/16 23:05	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166686	02/24/16 19:03	TGP	TAL TAM

Client Sample ID: EW-3015_INF
Lab Sample ID: 660-72177-52
Date Collected: 02/18/16 07:22
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	166929	03/02/16 10:42	ECC	TAL TAM
Total/NA	Analysis	8260B		1	166929	03/02/16 14:43	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166686	02/24/16 19:22	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3016_INF
Date Collected: 02/18/16 07:28
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-53
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166882	03/01/16 12:12	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166686	02/24/16 19:40	TGP	TAL TAM

Client Sample ID: EW-3017_INF
Date Collected: 02/18/16 07:36
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-54
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	166882	03/01/16 13:47	ECC	TAL TAM
Total/NA	Analysis	8260B		1	166882	03/01/16 16:00	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		50	166686	02/24/16 19:59	TGP	TAL TAM

Client Sample ID: EW-3018_INF
Date Collected: 02/18/16 07:40
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-55
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166882	03/01/16 11:34	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166790	02/26/16 14:45	TGP	TAL TAM

Client Sample ID: EW-3019_INF
Date Collected: 02/18/16 07:43
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-56
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166882	03/01/16 16:19	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		10	166686	02/24/16 20:36	TGP	TAL TAM

Client Sample ID: EW-3020_INF
Date Collected: 02/18/16 08:28
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-57
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166882	03/01/16 16:57	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166686	02/24/16 20:54	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3021_INF
Date Collected: 02/18/16 10:50
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-58
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	166885	03/01/16 15:32	ECC	TAL TAM
Total/NA	Analysis	8260B		1	166885	03/01/16 15:51	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	166729	02/25/16 13:10	TGP	TAL TAM

Client Sample ID: EW-3022_INF
Date Collected: 02/18/16 10:40
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-59
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166882	03/01/16 12:50	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166729	02/25/16 13:28	TGP	TAL TAM

Client Sample ID: EW-3023_INF
Date Collected: 02/18/16 07:02
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-60
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	166882	03/01/16 14:44	ECC	TAL TAM
Total/NA	Analysis	8260B		2	166882	03/01/16 16:38	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166729	02/25/16 13:47	TGP	TAL TAM

Client Sample ID: EW-3024_INF
Date Collected: 02/19/16 08:13
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-61
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166882	03/01/16 15:41	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166729	02/25/16 14:05	TGP	TAL TAM

Client Sample ID: EW-3025_INF
Date Collected: 02/18/16 10:23
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-62
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	166929	03/02/16 11:00	ECC	TAL TAM
Total/NA	Analysis	8260B		1	166929	03/02/16 13:28	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	166729	02/25/16 14:23	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-3026_INF
Date Collected: 02/18/16 10:18
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-63
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166882	03/01/16 12:31	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166729	02/25/16 14:42	TGP	TAL TAM

Client Sample ID: EW-3027_INF
Date Collected: 02/19/16 08:03
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-64
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	166929	03/02/16 11:19	ECC	TAL TAM
Total/NA	Analysis	8260B		2	166929	03/02/16 14:06	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166729	02/25/16 15:00	TGP	TAL TAM

Client Sample ID: EW-4001_INF
Date Collected: 02/18/16 13:14
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-65
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166882	03/01/16 11:53	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166729	02/25/16 15:19	TGP	TAL TAM

Client Sample ID: EW-4002_INF
Date Collected: 02/17/16 14:10
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-66
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166878	03/01/16 00:40	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166729	02/25/16 15:38	TGP	TAL TAM

Client Sample ID: EW-4003_INF
Date Collected: 02/19/16 08:33
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-67
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	50	166929	03/02/16 11:38	ECC	TAL TAM
Total/NA	Analysis	8260B		5	166929	03/02/16 16:27	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166729	02/25/16 15:56	TGP	TAL TAM

Client Sample ID: EW-4004_INF
Lab Sample ID: 660-72177-68
Date Collected: 02/17/16 13:20
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166878	03/01/16 00:59	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166729	02/25/16 16:15	TGP	TAL TAM

Client Sample ID: EW-4005_INF
Lab Sample ID: 660-72177-69
Date Collected: 02/19/16 07:52
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166885	03/01/16 15:14	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	166729	02/25/16 16:33	TGP	TAL TAM

Client Sample ID: EW-4006_INF
Lab Sample ID: 660-72177-70
Date Collected: 02/18/16 10:46
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166885	03/01/16 09:56	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166729	02/25/16 16:52	TGP	TAL TAM

Client Sample ID: EW-4007_INF
Lab Sample ID: 660-72177-71
Date Collected: 02/18/16 10:29
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166885	03/01/16 10:15	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166729	02/25/16 17:10	TGP	TAL TAM

Client Sample ID: EW-4008_INF
Lab Sample ID: 660-72177-72
Date Collected: 02/18/16 13:45
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166882	03/01/16 09:59	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166729	02/25/16 17:47	TGP	TAL TAM

Client Sample ID: EW-4009_INF
Lab Sample ID: 660-72177-73
Date Collected: 02/18/16 07:52
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166882	03/01/16 10:18	ECC	TAL TAM

Client Sample ID: EW-4009_INF
Lab Sample ID: 660-72177-73
Date Collected: 02/18/16 07:52
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	166729	02/25/16 18:05	TGP	TAL TAM

Client Sample ID: EW-4010_INF
Lab Sample ID: 660-72177-74
Date Collected: 02/18/16 13:24
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166885	03/01/16 12:07	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166729	02/25/16 18:24	TGP	TAL TAM

Client Sample ID: EW-4011_INF
Lab Sample ID: 660-72177-75
Date Collected: 02/18/16 13:19
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166885	03/01/16 12:26	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166729	02/25/16 18:42	TGP	TAL TAM

Client Sample ID: EW-5001_INF
Lab Sample ID: 660-72177-76
Date Collected: 02/19/16 07:48
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166885	03/01/16 12:44	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166729	02/25/16 19:01	TGP	TAL TAM

Client Sample ID: EW-5002_INF
Lab Sample ID: 660-72177-77
Date Collected: 02/18/16 11:00
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166885	03/01/16 13:03	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 11:59	TGP	TAL TAM

Client Sample ID: EW-2101_INF
Lab Sample ID: 660-72177-78
Date Collected: 02/18/16 07:32
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166885	03/01/16 13:22	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 13:31	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Client Sample ID: EW-2102_INF
Lab Sample ID: 660-72177-79
Date Collected: 02/18/16 07:25
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166885	03/01/16 13:41	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 13:50	TGP	TAL TAM

Client Sample ID: EW-2103_INF
Lab Sample ID: 660-72177-80
Date Collected: 02/19/16 09:20
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166885	03/01/16 14:18	ECC	TAL TAM
Total/NA	Analysis	8260B	DL	10	166929	03/02/16 12:14	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166856	02/29/16 20:56	TGP	TAL TAM

Client Sample ID: EW-2104_INF
Lab Sample ID: 660-72177-81
Date Collected: 02/18/16 13:56
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166885	03/01/16 13:59	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	166790	02/26/16 14:27	TGP	TAL TAM

Client Sample ID: Trip Blank
Lab Sample ID: 660-72177-82
Date Collected: 02/17/16 00:00
Matrix: Water
Date Received: 02/19/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166878	03/01/16 00:21	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 13:13	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-72177-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 8
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 10 Days			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #:			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Extraction Well Sampling	Project #: 60480333.09.01			
Site: Tallevast	SSOW#:			

Analysis Requested

Loc: 660 72177

660-72177 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B-Full List	8260C SIM ID - 1,4-dioxane								Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A									
EW-2001_INF	2/18/16	8:12	G	Water	N	N	X	X									
EW-2002_INF	2/18/16	8.19	G	Water	N	N	X	X									
EW-2003_INF	2/18/16	8:32	G	Water	N	N	X	X									
EW-2004_INF	2/18/16	8:38	G	Water	N	N	X	X									
EW-2005_INF	2/18/16	8:47	G	Water	N	N	X	X									
EW-2006_INF	2/18/16	8:55	G	Water	N	N	X	X									
EW-2007_INF	2/18/16	9:04	G	Water	N	N	X	X									
EW-2008_INF	2/17/16	14:43	G	Water	N	N	X	X									
EW-2009_INF	2/17/16	14:39	G	Water	N	N	X	X									
EW-2010_INF	2/17/16	14:29	G	Water	N	N	X	X									
EW-2011_INF	2/17/16	14:25	G	Water	N	N	X	X									

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Samples picked up by a TestAmerica Courier.

Empty Kit Relinquished by: TestAmerica | Date: 02/16/15 | Time: N/A | Method of Shipment: TestAmerica Courier

	Date/Time:	Company		Date/Time:	Company
Relinquished by:	02/19/16 @ 10:00	AECOM	Received by:	2-19-16 @ 1200	TA TPA
Relinquished by:	2-19-16 @ 1350	TA TPA	Received by:	2/19/16 1350	TA TPA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.6 6.1 4.4 1.2 1.0 CU-09

3/3/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 2 of 8
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Sarasota	TAT Requested (days): 10 Days		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243	PO #:		
Phone: 941-929-8747	WO #:		Other:
Email: Darrin.Johnson@aecom.com	Project #: 60480333 09.01		
Project Name: Extraction Well Sampling	SSOW#:		
Site: Tallevast			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B-Full List	8260C SIM ID - 1,4-dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
EW-2012_INF	2/18/16	9:59	G	Water	N	N	X	X		
EW-2013_INF	2/18/16	9:52	G	Water	N	N	X	X		
EW-2014_INF	2/18/16	10:12	G	Water	N	N	X	X		
EW-2015_INF	2/17/16	13:52	G	Water	N	N	X	X		
EW-2016_INF	2/19/16	8:22	G	Water	N	N	X	X		
EW-2017_INF	2/19/16	8:10	G	Water	N	N	X	X		
EW-2018_INF	2/19/16	8:25	G	Water	N	N	X	X		
EW-2019_INF	2/19/16	8:40	G	Water	N	N	X	X		
EW-2020_INF	2/19/16	8:42	G	Water	N	N	X	X		
EW-2021_INF	2/19/16	8:41	G	Water	N	N	X	X		
EW-2022_INF	2/19/16	8:29	G	Water	N	N	X	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Samples picked up by a TestAmerica Courier.

Empty Kit Relinquished by: TestAmerica | Date: 02/16/15 | Time: N/A | Method of Shipment: TestAmerica Courier

Relinquished by:	Date/Time: 02/19/16 @ 10:00	Company: AECOM	Received by:	Date/Time: 2-19-16 @ 1200	Company: TA TPA
Relinquished by:	Date/Time: 2-19-16 @ 1350	Company: TA TPA	Received by:	Date/Time: 2/19/16 1350	Company: TA TPA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.2/3.6, 2.1/2.8, 1.2/1.6 CW-09

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3/3/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee	Lab PM: Mark Gudnason	Carrier Tracking No(s).	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 3 of 8
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested
City: Sarasota	TAT Requested (days): 10 Days	
State, Zip: FL, 34243	PO #:	
Phone: 941-929-8747	WO #:	
Email: Darrin.Johnson@aecom.com	Project #: 60480333.09.01	
Project Name: Extraction Well Sampling	SSOW#:	
Site: Tallevast		

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B-Full List	8260C SIM ID - 1,4-dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
EW-2023_INF	2/19/16	8:31	G	Water	N	N	X	X		
EW-2024_INF	2/19/16	8.43	G	Water	N	N	X	X		
EW-2025_INF	2/19/16	8:35	G	Water	N	N	X	X		
EW-2026_INF	2/19/16	7:46	G	Water	N	N	X	X		
EW-2027_INF	2/19/16	7:39	G	Water	N	N	X	X		
EW-2028_INF	2/19/16	7:44	G	Water	N	N	X	X		
EW-2029_INF	2/19/16	7.56	G	Water	N	N	X	X		
EW-2030_INF	2/19/16	7:36	G	Water	N	N	X	X		
EW-2031_INF	2/19/16	7:33	G	Water	N	N	X	X		
EW-2032_INF	2/19/16	7:54	G	Water	N	N	X	X		
EW-2033_INF	2/19/16	7:50	G	Water	N	N	X	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Samples picked up by a TestAmerica Courier.

Empty Kit Relinquished by: TestAmerica	Date: 02/16/15	Time: N/A	Method of Shipment: TestAmerica Courier

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		02/19/16 @ 10:00	AECOM		2-19-16 @ 1200	TA TPA
2	Relinquished by:	Date/Time: 2-19-16 @ 1350	Company TA TPA	Received by:	Date/Time: 2/19/16 1350	Company TA TPA
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.2, 3.6, 2.4, 2.8, 1.2, 1.6 CU-09

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 4 of 8
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 10 Days			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #:			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Extraction Well Sampling	Project #: 60480333.09.01			
Site: Tallevast	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested: 8260B-Full List	8260C SIM ID - 1,4-dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
EW-2034_INF	2/17/16	13.41	G	Water	N	N	X	X		
EW-2035_INF	2/18/16	11:05	G	Water	N	N	X	X		
EW-2036_INF	2/18/16	13:10	G	Water	N	N	X	X		
EW-2037_INF	2/18/16	14:02	G	Water	N	N	X	X		
EW-3001_INF	2/17/16	14:15	G	Water	N	N	X	X		
EW-3002_INF	2/17/16	14:05	G	Water	N	N	X	X		
EW-3003_INF	2/17/16	13:59	G	Water	N	N	X	X		
EW-3004_INF	2/19/16	9:05	G	Water	N	N	X	X		
EW-3005_INF	2/19/16	8:39	G	Water	N	N	X	X		
EW-3006_INF	2/19/16	9:16	G	Water	N	N	X	X		
EW-3007_INF	2/19/16	8:37	G	Water	N	N	X	X		

Possible Hazard Identification
☒ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☒ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Samples picked up by a TestAmerica Courier.

Empty Kit Relinquished by: TestAmerica	Date: 02/16/15	Time: N/A	Method of Shipment: TestAmerica Courier

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		02/18/16 @ 10:00	AECOM		2-19-16 @ 1200	TA TPA
2		2-19-16 @ 1350	TA TPA		2/19/16 1350	TA TPA
3						

Custody Seals Intact: △ Yes △ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.2 | 3.6, 2.4 | 2.8 1.2 | 1.6 — CV-09

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 5 of 8
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 10 Days			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #:			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Extraction Well Sampling	Project #: 60480333.09.01			
Site: Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B-Full List	8260C SIM ID - 1,4-dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
EW-3008_INF	2/19/16	8:27	G	Water	N	N	X	X		
EW-3009_INF	2/19/16	7:42	G	Water	N	N	X	X		
EW-3010_INF	2/19/16	7:58	G	Water	N	N	X	X		
EW-3011_INF	2/17/16	13:36	G	Water	N	N	X	X		
EW-3012_INF	2/18/16	7:09	G	Water	N	N	X	X		
EW-3013_INF	2/18/16	7:15	G	Water	N	N	X	X		
EW-3014_INF	2/18/16	7:19	G	Water	N	N	X	X		
EW-3015_INF	2/18/16	7:22	G	Water	N	N	X	X		
EW-3016_INF	2/18/16	7:28	G	Water	N	N	X	X		
EW-3017_INF	2/18/16	7:36	G	Water	N	N	X	X		
EW-3018_INF	2/18/16	7:40	G	Water	N	N	X	X		

Possible Hazard Identification
☐ X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Samples picked up by a TestAmerica Courier.

Empty Kit Relinquished by: TestAmerica	Date: 02/16/15	Time: N/A	Method of Shipment: TestAmerica Courier

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
1	[signature]	02/19/16 @ 10:00	AECOM	[signature]	2/19/16 @ 1200	TA TPA
2	[signature]	2-19-16 @ 1350	TA TPA	[signature]	2/19/16 1350	TA TPA
3						

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.2 | 3.6 | 2.4 | 2.8 | 1.2 | 1.6 | CO-09

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3/3/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 6 of 8
Company: AECOM		Analysis Requested		Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			Preservation Codes:
City: Sarasota	TAT Requested (days): 10 Days			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #:			Other:
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Extraction Well Sampling	Project #: 60480333.09.01			
Site: Tallevast	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B-Full List	8260C SIM ID - 1,4-dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
EW-3019_INF	2/18/16	7:43	G	Water	N	N	X	X		
EW-3020_INF	2/18/16	8:28	G	Water	N	N	X	X		
EW-3021_INF	2/18/16	10:50	G	Water	N	N	X	X		
EW-3022_INF	2/18/16	10:40	G	Water	N	N	X	X		
EW-3023_INF	2/18/16	7.02	G	Water	N	N	X	X		
EW-3024_INF	2/19/16	8:13	G	Water	N	N	X	X		
EW-3025_INF	2/18/16	10:23	G	Water	N	N	X	X		
EW-3026_INF	2/18/16	10:18	G	Water	N	N	X	X		
EW-3027_INF	2/19/16	8:03	G	Water	N	N	X	X		
EW-4001_INF	2/17/16	13:14	G	Water	N	N	X	X		
EW-4002_INF	2/17/16	14:10	G	Water	N	N	X	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Samples picked up by a TestAmerica Courier.

Empty Kit Relinquished by: TestAmerica	Date: 02/16/15	Time: N/A	Method of Shipment: TestAmerica Courier

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	02/19/16 @ 10:00	AECOM	[signature]	2-19-16 @ 1700	TA TPA
2	[signature]	2-19-16 @ 1350	TA TPA	[signature]	2/19/16 1350	TA TPA
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 5.2/5.6 2.4/2.8 1.2/1.6 CN-09

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc com		Page: Page 7 of 8
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Sarasota	TAT Requested (days): 10 Days		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243			
Phone: 941-929-8747	PO #:		
Email: Darrin.Johnson@aecom com	WO #:		Other:
Project Name: Extraction Well Sampling	Project #: 60480333 09.01		
Site: Tallevast	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B-Full List	8260C SIM ID - 1,4-dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
EW-4003_INF	2/19/16	8:33	G	Water	N	N	X	X		
EW-4004_INF	2/17/16	13:20	G	Water	N	N	X	X		
EW-4005_INF	2/19/16	7:52	G	Water	N	N	X	X		
EW-4006_INF	2/18/16	10:46	G	Water	N	N	X	X		
EW-4007_INF	2/18/16	10:29	G	Water	N	N	X	X		
EW-4008_INF	2/18/16	13:45	G	Water	N	N	X	X		
EW-4009_INF	2/18/16	7:52	G	Water	N	N	X	X		
EW-4010_INF	2/18/16	13:24	G	Water	N	N	X	X		
EW-4011_INF	2/18/16	13:19	G	Water	N	N	X	X		
EW-5001_INF	2/19/16	7:48	G	Water	N	N	X	X		
EW-5002_INF	2/18/16	11 00	G	Water	N	N	X	X		

Possible Hazard Identification
☒ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☒ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Samples picked up by a TestAmerica Courier.

Empty Kit Relinquished by: TestAmerica | Date: 02/16/15 | Time: N/A | Method of Shipment: TestAmerica Courier

Relinquished by:	Date/Time: 02/19/16 @ 10:00	Company: AECOM	Received by:	Date/Time: 2-19-16 @ 1200	Company: TA-TPA
Relinquished by:	Date/Time: 2-19-16 @ 1350	Company: TA-TPA	Received by:	Date/Time: 2/19/16 1350	Company: TA-TPA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.2/3.6, 2.4/2.8, 1.7/1.6 CW-09

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3/3/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 8 of 8
Company: AECOM		Analysis Requested		Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			Preservation Codes:
City: Sarasota	TAT Requested (days): 10 Days			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #:			Other:
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Extraction Well Sampling	Project #: 60480333.09.01			
Site: Tallevast	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B-Full List	8260C SIM ID - 1,4-dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
EW-2101_INF	2/18/16	7:32	G	Water	N	N	X	X		
EW-2102_INF	2/18/16	7:25	G	Water	N	N	X	X		
EW-2103_INF	2/19/16	9:20	G	Water	N	N	X	X		
EW-2104_INF	2/18/16	13:56	G	Water	N	N	X	X		

Possible Hazard Identification
☐ X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Samples picked up by a TestAmerica Courier.

Empty Kit Relinquished by: TestAmerica	Date: 02/16/15	Time: N/A	Method of Shipment: TestAmerica Courier

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	02/19/16 @ 10:00	AECOM	[signature]	2-19-16 @ 1200	TA TPA
2	[signature]	2-19-16 @ 1350	TA TPA	[signature]	2/19/16 1350	TA TPA
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 5/5/3.6 2.4/2.8 1.2/1.6 W-OS

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-72177-1

Login Number: 72177
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-72245-1
Client Project/Site: Tallevast POTW Split

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
2/26/2016 5:28:08 PM
Jess Hornsby, Project Manager I
(813)885-7427
jess.hornsby@testamericainc.com

Designee for

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Split

TestAmerica Job ID: 660-72245-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-72245-1	POTW Split	Water	02/24/16 08:50	02/24/16 14:25

Case Narrative

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Split

TestAmerica Job ID: 660-72245-1

Job ID: 660-72245-1

Laboratory: TestAmerica Tampa

Narrative

Receipt
The sample was received on 2/24/2016 2:25 PM; the sample arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 1.5ºC.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Split

TestAmerica Job ID: 660-72245-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Split

TestAmerica Job ID: 660-72245-1

Client Sample ID: POTW Split — Lab Sample ID: 660-72245-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Split

TestAmerica Job ID: 660-72245-1

Client Sample ID: POTW Split
Date Collected: 02/24/16 08:50
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72245-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/26/16 11:07	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/26/16 11:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/26/16 11:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/26/16 11:07	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/26/16 11:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/26/16 11:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*02/26/16 11:07*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*02/26/16 11:07*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/26/16 11:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.2**		2.0	1.0	ug/L			02/25/16 11:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-166781/7
Matrix: Water
Analysis Batch: 166781

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			02/26/16 10:32	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			02/26/16 10:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			02/26/16 10:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			02/26/16 10:32	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			02/26/16 10:32	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			02/26/16 10:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*02/26/16 10:32*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*02/26/16 10:32*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/26/16 10:32*	*1*

Lab Sample ID: LCS 660-166781/4
Matrix: Water
Analysis Batch: 166781

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			10.0	10.0		ug/L		100	66 - 130		
1,1-Dichloroethene			10.0	9.51		ug/L		95	51 - 150		
cis-1,2-Dichloroethene			10.0	9.87		ug/L		99	66 - 130		
Tetrachloroethene			10.0	9.31		ug/L		93	50 - 143		
Trichloroethene			10.0	8.82		ug/L		88	63 - 139		
Vinyl chloride			10.0	8.44		ug/L		84	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 660-166781/5
Matrix: Water
Analysis Batch: 166781

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane			10.0	10.4		ug/L		104	66 - 130	4	30
1,1-Dichloroethene			10.0	9.28		ug/L		93	51 - 150	2	30
cis-1,2-Dichloroethene			10.0	10.3		ug/L		103	66 - 130	4	30
Tetrachloroethene			10.0	9.67		ug/L		97	50 - 143	4	30
Trichloroethene			10.0	9.20		ug/L		92	63 - 139	4	30
Vinyl chloride			10.0	8.12		ug/L		81	48 - 147	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*96*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72245-1 MS
Matrix: Water
Analysis Batch: 166781

Client Sample ID: POTW Split
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	0.52	U	10.0	9.65		ug/L		96	66 - 130
1,1-Dichloroethene	0.67	U	10.0	8.75		ug/L		88	51 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	9.78		ug/L		98	66 - 130
Tetrachloroethene	0.50	U	10.0	8.83		ug/L		88	50 - 143
Trichloroethene	0.61	U	10.0	8.42		ug/L		84	63 - 139
Vinyl chloride	0.71	U	10.0	7.43		ug/L		74	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 660-72096-B-10 DU
Matrix: Water
Analysis Batch: 166781

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-166729/7
Matrix: Water
Analysis Batch: 166729

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/25/16 10:11	1

Lab Sample ID: LCS 660-166729/4
Matrix: Water
Analysis Batch: 166729

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.49		ug/L		75	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-166729/5
Matrix: Water
Analysis Batch: 166729

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	7.79		ug/L		78	50 - 150	4	50

Lab Sample ID: 660-72245-1 MS
Matrix: Water
Analysis Batch: 166729

Client Sample ID: POTW Split
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	6.2		10.0	14.3		ug/L		81	50 - 150		

Lab Sample ID: 660-72245-1 MSD
Matrix: Water
Analysis Batch: 166729

Client Sample ID: POTW Split
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	6.2		10.0	12.5		ug/L		63	50 - 150	13	50

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Split

TestAmerica Job ID: 660-72245-1

GC/MS VOA

Analysis Batch: 166729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72245-1	POTW Split	Total/NA	Water	8260C SIM	
660-72245-1 MS	POTW Split	Total/NA	Water	8260C SIM	
660-72245-1 MSD	POTW Split	Total/NA	Water	8260C SIM	
LCS 660-166729/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166729/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166729/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 166781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72096-B-10 DU	Duplicate	Total/NA	Water	8260B	
660-72245-1	POTW Split	Total/NA	Water	8260B	
660-72245-1 MS	POTW Split	Total/NA	Water	8260B	
LCS 660-166781/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-166781/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-166781/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Split

TestAmerica Job ID: 660-72245-1

Client Sample ID: POTW Split
Date Collected: 02/24/16 08:50
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72245-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	166781	02/26/16 11:07	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166729	02/25/16 11:56	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Split

TestAmerica Job ID: 660-72245-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Split

TestAmerica Job ID: 660-72245-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamerica.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: TBD			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: POTW Manatee County Split	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Loc: 660
72245

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	6010B metals					Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A							
POTW Split	2/24/16	8:50	G/C	Water	N	N	2	2							

660-72245 Chain of Custody

Possible Hazard Identification
[X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown [ ] Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] Return To Client [ ] Disposal By Lab [ ] Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Date/Time:	Company		Date/Time:	Company
Relinquished by:			Received by:	2-23-16 1400	AECOM
Relinquished by:	2-24-16 1005	AECOM	Received by:	2-24-16 1005	TA-TB
Relinquished by:	2-24-16 1425	TA-TB	Received by:		

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.7/1.5

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2/26/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-72245-1

Login Number: 72245
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-72250-1
Client Project/Site: Tallevast LMC

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
3/9/2016 2:15:29 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-72250-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-72250-1

Comments
No additional comments.

Receipt
The samples were received on 2/24/2016 2:25 PM, 2/25/2016 3:30 PM and 3/3/2016 2:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 1.1º C, 1.5º C, 1.7º C and 2.6º C.

GC/MS VOA
Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch <167066> recovered outside control limits for the following analytes: vinyl chloride, trichlorofluoromethane and dichlorodifluoromethane.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 167069 recovered outside control limits for the following analytes: vinyl chloride and dichlorodifluoromethane.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: IWI-1 (660-72281-1) and MW-253 (660-72281-17). Elevated reporting limits (RLs) are provided. Batch 167081.

Method(s) 8260B: All detections were confirmed by reanalysis. Batch 167066.

Blank-33 (660-72250-50) and Blank-34 (660-72250-51)

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-27 (660-72250-1). Elevated reporting limits (RLs) are provided. Batch 167014.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-41 (660-72281-7) and MW-254 (660-72281-18). Elevated reporting limits (RLs) are provided. Batch 167110.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-72250-1	MW-27	Water	02/22/16 14:26	02/24/16 14:25
660-72250-2	MW-29	Water	02/22/16 14:25	02/24/16 14:25
660-72250-3	MW-33	Water	02/23/16 15:17	02/24/16 14:25
660-72250-4	MW-34	Water	02/23/16 07:01	02/24/16 14:25
660-72250-5	MW-35	Water	02/23/16 07:20	02/24/16 14:25
660-72250-6	MW-37	Water	02/23/16 16:23	02/24/16 14:25
660-72250-7	MW-43	Water	02/23/16 15:56	02/24/16 14:25
660-72250-8	MW-47	Water	02/23/16 14:13	02/24/16 14:25
660-72250-9	MW-48	Water	02/23/16 15:06	02/24/16 14:25
660-72250-10	MW-54	Water	02/22/16 14:50	02/24/16 14:25
660-72250-11	MW-57	Water	02/23/16 11:05	02/24/16 14:25
660-72250-12	MW-63	Water	02/23/16 10:06	02/24/16 14:25
660-72250-13	MW-65	Water	02/23/16 11:48	02/24/16 14:25
660-72250-14	MW-69	Water	02/22/16 15:34	02/24/16 14:25
660-72250-15	MW-72	Water	02/23/16 11:45	02/24/16 14:25
660-72250-16	MW-72(DUP)	Water	02/23/16 11:47	02/24/16 14:25
660-72250-19	MW-75	Water	02/23/16 07:40	02/24/16 14:25
660-72250-20	MW-79	Water	02/23/16 11:18	02/24/16 14:25
660-72250-21	MW-80	Water	02/23/16 12:06	02/24/16 14:25
660-72250-22	MW-81	Water	02/23/16 13:42	02/24/16 14:25
660-72250-23	MW-82	Water	02/22/16 12:59	02/24/16 14:25
660-72250-24	MW-85	Water	02/23/16 08:51	02/24/16 14:25
660-72250-25	MW-85 (DUP)	Water	02/23/16 08:53	02/24/16 14:25
660-72250-28	MW-86R	Water	02/23/16 10:23	02/24/16 14:25
660-72250-29	MW-91	Water	02/22/16 15:52	02/24/16 14:25
660-72250-30	MW-94	Water	02/23/16 09:00	02/24/16 14:25
660-72250-31	MW-98	Water	02/22/16 14:44	02/24/16 14:25
660-72250-32	MW-100	Water	02/22/16 13:16	02/24/16 14:25
660-72250-33	MW-101	Water	02/22/16 12:29	02/24/16 14:25
660-72250-34	MW-102	Water	02/22/16 13:57	02/24/16 14:25
660-72250-35	MW-102 (DUP)	Water	02/22/16 13:59	02/24/16 14:25
660-72250-38	MW-104	Water	02/22/16 14:02	02/24/16 14:25
660-72250-39	MW-108	Water	02/23/16 08:03	02/24/16 14:25
660-72250-40	MW-114	Water	02/23/16 08:11	02/24/16 14:25
660-72250-41	MW-131	Water	02/23/16 09:36	02/24/16 14:25
660-72250-42	MW-133	Water	02/22/16 15:30	02/24/16 14:25
660-72250-43	MW-215	Water	02/22/16 12:18	02/24/16 14:25
660-72250-44	MW-231	Water	02/22/16 15:57	02/24/16 14:25
660-72250-45	MW-239	Water	02/23/16 10:39	02/24/16 14:25
660-72250-46	MW-249	Water	02/22/16 11:46	02/24/16 14:25
660-72250-47	MW-250	Water	02/22/16 12:43	02/24/16 14:25
660-72250-48	MW-255	Water	02/22/16 13:30	02/24/16 14:25
660-72250-49	Blank-32	Water	02/22/16 13:28	02/24/16 14:25
660-72250-50	Blank-33	Water	02/22/16 08:35	02/24/16 14:25
660-72250-51	Blank-34	Water	02/23/16 11:18	02/24/16 14:25
660-72250-52	T Blank 72250	Water	02/23/16 00:00	02/24/16 14:25
660-72281-1	IWI-1	Water	02/24/16 16:24	02/25/16 15:30
660-72281-2	MW-19	Water	02/24/16 11:45	02/25/16 15:30
660-72281-3	MW-23	Water	02/24/16 11:05	02/25/16 15:30
660-72281-4	MW-32	Water	02/25/16 08:58	02/25/16 15:30
660-72281-5	MW-36	Water	02/25/16 07:45	02/25/16 15:30
660-72281-6	MW-40	Water	02/25/16 08:35	02/25/16 15:30
660-72281-7	MW-41	Water	02/24/16 09:04	02/25/16 15:30

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-72281-8	MW-42	Water	02/25/16 08:07	02/25/16 15:30
660-72281-9	MW-44	Water	02/24/16 07:36	02/25/16 15:30
660-72281-10	MW-45	Water	02/25/16 09:34	02/25/16 15:30
660-72281-11	MW-71	Water	02/24/16 16:27	02/25/16 15:30
660-72281-12	MW-128	Water	02/24/16 15:09	02/25/16 15:30
660-72281-13	MW-129	Water	02/25/16 09:06	02/25/16 15:30
660-72281-14	MW-134	Water	02/24/16 14:17	02/25/16 15:30
660-72281-15	MW-158	Water	02/24/16 15:11	02/25/16 15:30
660-72281-16	MW-233	Water	02/24/16 15:47	02/25/16 15:30
660-72281-17	MW-253	Water	02/24/16 14:10	02/25/16 15:30
660-72281-18	MW-254	Water	02/25/16 09:20	02/25/16 15:30
660-72281-19	Trip Blank 72281	Water	02/24/16 00:00	02/25/16 15:30
660-72417-1	MW-68	Water	03/03/16 11:17	03/03/16 14:40

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-27 — Lab Sample ID: 660-72250-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		2.0	1.3	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	68		2.0	1.0	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	130		2.0	1.3	ug/L	2		8260B	Total/NA
Trichloroethene	130		2.0	1.2	ug/L	2		8260B	Total/NA
Tetrachloroethene - DL	670		20	10	ug/L	20		8260B	Total/NA
1,4-Dioxane	200		20	10	ug/L	10		8260C SIM	Total/NA

Client Sample ID: MW-29 — Lab Sample ID: 660-72250-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.8		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.66	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.6		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	16		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	41		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-33 — Lab Sample ID: 660-72250-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.0		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.99	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	17		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-34 — Lab Sample ID: 660-72250-4

No Detections.

Client Sample ID: MW-35 — Lab Sample ID: 660-72250-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.86	I	1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.4		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	3.4		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: MW-37 — Lab Sample ID: 660-72250-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	9.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	21		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.4		1.0	0.50	ug/L	1		8260B	Total/NA
Toluene	0.53	I	1.0	0.51	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.95	I	1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	180		5.0	3.3	ug/L	5		8260B	Total/NA
Trichloroethene - DL	480		5.0	3.1	ug/L	5		8260B	Total/NA
1,4-Dioxane	15		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-43 — Lab Sample ID: 660-72250-7

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-43 (Continued) — Lab Sample ID: 660-72250-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	40		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	13		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.9		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	97		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	39		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-47 — Lab Sample ID: 660-72250-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.86	I	1.0	0.49	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.7	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-48 — Lab Sample ID: 660-72250-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-54 — Lab Sample ID: 660-72250-10

No Detections.

Client Sample ID: MW-57 — Lab Sample ID: 660-72250-11

No Detections.

Client Sample ID: MW-63 — Lab Sample ID: 660-72250-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.99	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-65 — Lab Sample ID: 660-72250-13

No Detections.

Client Sample ID: MW-69 — Lab Sample ID: 660-72250-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.1	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-72 — Lab Sample ID: 660-72250-15

No Detections.

Client Sample ID: MW-72(DUP) — Lab Sample ID: 660-72250-16

No Detections.

Client Sample ID: MW-75 — Lab Sample ID: 660-72250-19

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-75 (Continued) — Lab Sample ID: 660-72250-19

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.91	I	1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-79 — Lab Sample ID: 660-72250-20

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0	0.65	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	6.2		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	4.7		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-80 — Lab Sample ID: 660-72250-21

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.75	I	1.0	0.63	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.7		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	16		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	1.3		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-81 — Lab Sample ID: 660-72250-22

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	2.2	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	9.5		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	19		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	64		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	3.0		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	43		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-82 — Lab Sample ID: 660-72250-23

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.5		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	43		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	39		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	1.4		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	27		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-85 — Lab Sample ID: 660-72250-24

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.5		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	20		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.9		1.0	0.67	ug/L	1		8260B	Total/NA
Vinyl chloride	1.9		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	50		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-85 (DUP) — Lab Sample ID: 660-72250-25

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-85 (DUP) (Continued) — Lab Sample ID: 660-72250-25

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.8	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	5.4		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	20		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.7		1.0	0.67	ug/L	1		8260B	Total/NA
Vinyl chloride	2.1	J3	1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	52		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-86R — Lab Sample ID: 660-72250-28

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.67	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	11		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	11		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	1.1		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	47		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-91 — Lab Sample ID: 660-72250-29

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	3.3	I	4.0	1.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.7		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.5		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	15		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	42		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-94 — Lab Sample ID: 660-72250-30

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-98 — Lab Sample ID: 660-72250-31

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.9		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	17		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	49		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.88	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	31		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	25		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-100 — Lab Sample ID: 660-72250-32

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-101 — Lab Sample ID: 660-72250-33

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	14		1.0	0.52	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-101 (Continued) — Lab Sample ID: 660-72250-33

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.4		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	40		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-102 — Lab Sample ID: 660-72250-34

No Detections.

Client Sample ID: MW-102 (DUP) — Lab Sample ID: 660-72250-35

No Detections.

Client Sample ID: MW-104 — Lab Sample ID: 660-72250-38

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.9		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	20		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	12		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	2.3		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	60		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-108 — Lab Sample ID: 660-72250-39

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.65	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-114 — Lab Sample ID: 660-72250-40

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	9.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-131 — Lab Sample ID: 660-72250-41

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	25		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.9		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	44		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	33		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-133 — Lab Sample ID: 660-72250-42

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.6		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.5		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	7.4		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	34		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-215 — Lab Sample ID: 660-72250-43

No Detections.

Client Sample ID: MW-231 — Lab Sample ID: 660-72250-44

No Detections.

Client Sample ID: MW-239 — Lab Sample ID: 660-72250-45

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.88	I	1.0	0.65	ug/L	1		8260B	Total/NA
Trichloroethene	1.0		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-249 — Lab Sample ID: 660-72250-46

No Detections.

Client Sample ID: MW-250 — Lab Sample ID: 660-72250-47

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.5		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	31		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-255 — Lab Sample ID: 660-72250-48

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.95	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	14		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Blank-32 — Lab Sample ID: 660-72250-49

No Detections.

Client Sample ID: Blank-33 — Lab Sample ID: 660-72250-50

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	5.1		1.0	0.90	ug/L	1		8260B	Total/NA
Dichlorobromomethane	0.69	I	1.0	0.44	ug/L	1		8260B	Total/NA

Client Sample ID: Blank-34 — Lab Sample ID: 660-72250-51

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	4.6		1.0	0.90	ug/L	1		8260B	Total/NA
Dichlorobromomethane	0.71	I	1.0	0.44	ug/L	1		8260B	Total/NA

Client Sample ID: T Blank 72250 — Lab Sample ID: 660-72250-52

No Detections.

Client Sample ID: IWI-1 — Lab Sample ID: 660-72281-1

This Detection Summary does not include radiochemical test results.

Client Sample ID: IWI-1 (Continued) — Lab Sample ID: 660-72281-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	30		10	5.2	ug/L	10		8260B	Total/NA
1,1-Dichloroethene	130		10	6.7	ug/L	10		8260B	Total/NA
Trichloroethene	22		10	6.1	ug/L	10		8260B	Total/NA
Vinyl chloride	360		10	7.1	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene - DL	1400		100	65	ug/L	100		8260B	Total/NA
1,4-Dioxane	190	J3	10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: MW-19 — Lab Sample ID: 660-72281-2

No Detections.

Client Sample ID: MW-23 — Lab Sample ID: 660-72281-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.7	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-32 — Lab Sample ID: 660-72281-4

No Detections.

Client Sample ID: MW-36 — Lab Sample ID: 660-72281-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.8		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	3.6		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: MW-40 — Lab Sample ID: 660-72281-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.3		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	21		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: MW-41 — Lab Sample ID: 660-72281-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	100		5.0	3.3	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	46		5.0	2.6	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	61		5.0	3.4	ug/L	5		8260B	Total/NA
Tetrachloroethene	3.1	I	5.0	2.5	ug/L	5		8260B	Total/NA
Trichloroethene	400		5.0	3.1	ug/L	5		8260B	Total/NA
1,4-Dioxane	300		20	10	ug/L	10		8260C SIM	Total/NA

Client Sample ID: MW-42 — Lab Sample ID: 660-72281-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.7		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: MW-44 — Lab Sample ID: 660-72281-9

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-44 (Continued) — Lab Sample ID: 660-72281-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.74	I	1.0	0.52	ug/L	1		8260B	Total/NA
Toluene	0.56	I	1.0	0.51	ug/L	1		8260B	Total/NA

Client Sample ID: MW-45 — Lab Sample ID: 660-72281-10

No Detections.

Client Sample ID: MW-71 — Lab Sample ID: 660-72281-11

No Detections.

Client Sample ID: MW-128 — Lab Sample ID: 660-72281-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.5		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.7	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-129 — Lab Sample ID: 660-72281-13

No Detections.

Client Sample ID: MW-134 — Lab Sample ID: 660-72281-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	29		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	13		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	23		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.61	I	1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.6		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	18		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	88		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-158 — Lab Sample ID: 660-72281-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-233 — Lab Sample ID: 660-72281-16

No Detections.

Client Sample ID: MW-253 — Lab Sample ID: 660-72281-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	10		5.0	2.6	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	52		5.0	3.4	ug/L	5		8260B	Total/NA
Trichloroethene	25		5.0	3.1	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene - DL	520		50	33	ug/L	50		8260B	Total/NA
1,4-Dioxane	65		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: MW-254 — Lab Sample ID: 660-72281-18

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-254 (Continued) — Lab Sample ID: 660-72281-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.8		2.0	1.3	ug/L	2		8260B	Total/NA
Trichloroethene	120		2.0	1.2	ug/L	2		8260B	Total/NA
Tetrachloroethene - DL	610		20	10	ug/L	20		8260B	Total/NA

Client Sample ID: Trip Blank 72281 — Lab Sample ID: 660-72281-19

No Detections.

Client Sample ID: MW-68 — Lab Sample ID: 660-72417-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-27
Date Collected: 02/22/16 14:26
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	40	20	ug/L			03/04/16 01:26	2
Benzene	1.0	U	2.0	1.0	ug/L			03/04/16 01:26	2
Bromobenzene	1.2	U	2.0	1.2	ug/L			03/04/16 01:26	2
Bromoform	1.3	U	2.0	1.3	ug/L			03/04/16 01:26	2
Bromomethane	5.0	U	10	5.0	ug/L			03/04/16 01:26	2
2-Butanone (MEK)	17	U	20	17	ug/L			03/04/16 01:26	2
Carbon disulfide	2.0	U	4.0	2.0	ug/L			03/04/16 01:26	2
Carbon tetrachloride	0.86	U	2.0	0.86	ug/L			03/04/16 01:26	2
Chlorobenzene	1.3	U	2.0	1.3	ug/L			03/04/16 01:26	2
Chlorobromomethane	1.2	U	2.0	1.2	ug/L			03/04/16 01:26	2
Chlorodibromomethane	0.62	U	2.0	0.62	ug/L			03/04/16 01:26	2
Chloroethane	5.0	U	10	5.0	ug/L			03/04/16 01:26	2
Chloroform	1.8	U	2.0	1.8	ug/L			03/04/16 01:26	2
Chloromethane	2.0	U	8.0	2.0	ug/L			03/04/16 01:26	2
2-Chlorotoluene	1.3	U	2.0	1.3	ug/L			03/04/16 01:26	2
4-Chlorotoluene	1.0	U	2.0	1.0	ug/L			03/04/16 01:26	2
cis-1,2-Dichloroethene	**13**		2.0	1.3	ug/L			03/04/16 01:26	2
cis-1,3-Dichloropropene	0.78	U	2.0	0.78	ug/L			03/04/16 01:26	2
1,2-Dibromo-3-Chloropropane	5.0	U	10	5.0	ug/L			03/04/16 01:26	2
Dibromomethane	0.92	U	2.0	0.92	ug/L			03/04/16 01:26	2
1,2-Dichlorobenzene	0.98	U	2.0	0.98	ug/L			03/04/16 01:26	2
1,3-Dichlorobenzene	1.3	U	2.0	1.3	ug/L			03/04/16 01:26	2
1,4-Dichlorobenzene	1.2	U	2.0	1.2	ug/L			03/04/16 01:26	2
Dichlorobromomethane	0.88	U	2.0	0.88	ug/L			03/04/16 01:26	2
Dichlorodifluoromethane	5.0	U	10	5.0	ug/L			03/04/16 01:26	2
1,1-Dichloroethane	**68**		2.0	1.0	ug/L			03/04/16 01:26	2
1,2-Dichloroethane	1.1	U	2.0	1.1	ug/L			03/04/16 01:26	2
1,1-Dichloroethene	**130**		2.0	1.3	ug/L			03/04/16 01:26	2
1,2-Dichloropropane	1.0	U	2.0	1.0	ug/L			03/04/16 01:26	2
1,3-Dichloropropane	0.84	U	2.0	0.84	ug/L			03/04/16 01:26	2
2,2-Dichloropropane	0.72	U	2.0	0.72	ug/L			03/04/16 01:26	2
1,1-Dichloropropene	1.3	U	2.0	1.3	ug/L			03/04/16 01:26	2
Ethylbenzene	0.88	U	2.0	0.88	ug/L			03/04/16 01:26	2
Ethylene Dibromide	1.0	U	2.0	1.0	ug/L			03/04/16 01:26	2
Hexachlorobutadiene	0.68	U	2.0	0.68	ug/L			03/04/16 01:26	2
2-Hexanone	8.8	U	20	8.8	ug/L			03/04/16 01:26	2
Isopropylbenzene	1.0	U	2.0	1.0	ug/L			03/04/16 01:26	2
4-Isopropyltoluene	1.4	U	2.0	1.4	ug/L			03/04/16 01:26	2
Methylene Chloride	8.0	U	10	8.0	ug/L			03/04/16 01:26	2
4-Methyl-2-pentanone (MIBK)	8.0	U	20	8.0	ug/L			03/04/16 01:26	2
Methyl tert-butyl ether	0.88	U	2.0	0.88	ug/L			03/04/16 01:26	2
m-Xylene & p-Xylene	1.2	U	4.0	1.2	ug/L			03/04/16 01:26	2
Naphthalene	5.0	U	10	5.0	ug/L			03/04/16 01:26	2
n-Butylbenzene	1.3	U	2.0	1.3	ug/L			03/04/16 01:26	2
N-Propylbenzene	1.2	U	2.0	1.2	ug/L			03/04/16 01:26	2
o-Xylene	1.0	U	2.0	1.0	ug/L			03/04/16 01:26	2
sec-Butylbenzene	1.3	U	2.0	1.3	ug/L			03/04/16 01:26	2
Styrene	2.0	U	4.0	2.0	ug/L			03/04/16 01:26	2
tert-Butylbenzene	1.7	U	2.0	1.7	ug/L			03/04/16 01:26	2

Client Sample ID: MW-27

Date Collected: 02/22/16 14:26
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.3	U	2.0	1.3	ug/L			03/04/16 01:26	2
1,1,2,2-Tetrachloroethane	0.34	U	2.0	0.34	ug/L			03/04/16 01:26	2
Toluene	1.0	U	2.0	1.0	ug/L			03/04/16 01:26	2
trans-1,2-Dichloroethene	1.3	U	2.0	1.3	ug/L			03/04/16 01:26	2
trans-1,3-Dichloropropene	0.54	U	2.0	0.54	ug/L			03/04/16 01:26	2
1,2,3-Trichlorobenzene	1.5	U	2.0	1.5	ug/L			03/04/16 01:26	2
1,2,4-Trichlorobenzene	1.2	U	2.0	1.2	ug/L			03/04/16 01:26	2
1,1,1-Trichloroethane	0.94	U	2.0	0.94	ug/L			03/04/16 01:26	2
1,1,2-Trichloroethane	0.94	U	2.0	0.94	ug/L			03/04/16 01:26	2
Trichloroethene	**130**		2.0	1.2	ug/L			03/04/16 01:26	2
Trichlorofluoromethane	5.0	U	10	5.0	ug/L			03/04/16 01:26	2
1,2,3-Trichloropropane	0.88	U	2.0	0.88	ug/L			03/04/16 01:26	2
1,2,4-Trimethylbenzene	1.7	U	2.0	1.7	ug/L			03/04/16 01:26	2
1,3,5-Trimethylbenzene	1.1	U	2.0	1.1	ug/L			03/04/16 01:26	2
Vinyl chloride	1.4	U	2.0	1.4	ug/L			03/04/16 01:26	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/04/16 01:26*	*2*
Dibromofluoromethane	*101*		*70 - 130*		*03/04/16 01:26*	*2*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/04/16 01:26*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**670**		20	10	ug/L			03/03/16 23:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/03/16 23:15*	*20*
Dibromofluoromethane	*100*		*70 - 130*		*03/03/16 23:15*	*20*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/03/16 23:15*	*20*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**200**		20	10	ug/L			02/26/16 18:47	10

Client Sample ID: MW-29

Date Collected: 02/22/16 14:25
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/03/16 21:04	1
Benzene	0.50	U	1.0	0.50	ug/L			03/03/16 21:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 21:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/03/16 21:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/03/16 21:04	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/03/16 21:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/03/16 21:04	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/03/16 21:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/03/16 21:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/03/16 21:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/03/16 21:04	1

Client Sample ID: MW-29
Date Collected: 02/22/16 14:25
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/03/16 21:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/03/16 21:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/03/16 21:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/03/16 21:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/03/16 21:04	1
cis-1,2-Dichloroethene	**6.8**		1.0	0.65	ug/L			03/03/16 21:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/03/16 21:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/03/16 21:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/03/16 21:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/03/16 21:04	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/03/16 21:04	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/03/16 21:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/03/16 21:04	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 21:04	1
1,1-Dichloroethane	**0.66**	**I**	1.0	0.52	ug/L			03/03/16 21:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/03/16 21:04	1
1,1-Dichloroethene	**1.6**		1.0	0.67	ug/L			03/03/16 21:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/03/16 21:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/03/16 21:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/03/16 21:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/03/16 21:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/03/16 21:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/03/16 21:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/03/16 21:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/03/16 21:04	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/03/16 21:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/03/16 21:04	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/03/16 21:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/03/16 21:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/03/16 21:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/03/16 21:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/03/16 21:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/03/16 21:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/03/16 21:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/03/16 21:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/03/16 21:04	1
Styrene	0.98	U	2.0	0.98	ug/L			03/03/16 21:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/03/16 21:04	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/03/16 21:04	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/03/16 21:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/03/16 21:04	1
Toluene	0.51	U	1.0	0.51	ug/L			03/03/16 21:04	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 21:04	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/03/16 21:04	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/03/16 21:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 21:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 21:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 21:04	1
Trichloroethene	**16**		1.0	0.61	ug/L			03/03/16 21:04	1

Client Sample ID: MW-29

Date Collected: 02/22/16 14:25
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 21:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/03/16 21:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/03/16 21:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/03/16 21:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/03/16 21:04*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/03/16 21:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/03/16 21:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**41**		2.0	1.0	ug/L			02/26/16 15:22	1

Client Sample ID: MW-33

Date Collected: 02/23/16 15:17
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/03/16 22:56	1
Benzene	0.50	U	1.0	0.50	ug/L			03/03/16 22:56	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 22:56	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/03/16 22:56	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:56	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/03/16 22:56	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/03/16 22:56	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/03/16 22:56	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/03/16 22:56	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/03/16 22:56	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/03/16 22:56	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:56	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/03/16 22:56	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/03/16 22:56	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/03/16 22:56	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/03/16 22:56	1
cis-1,2-Dichloroethene	**15**		1.0	0.65	ug/L			03/03/16 22:56	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/03/16 22:56	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/03/16 22:56	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/03/16 22:56	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/03/16 22:56	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/03/16 22:56	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/03/16 22:56	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/03/16 22:56	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:56	1
1,1-Dichloroethane	**1.4**		1.0	0.52	ug/L			03/03/16 22:56	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/03/16 22:56	1
1,1-Dichloroethene	**8.0**		1.0	0.67	ug/L			03/03/16 22:56	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/03/16 22:56	1

Client Sample ID: MW-33

Date Collected: 02/23/16 15:17
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/03/16 22:56	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/03/16 22:56	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/03/16 22:56	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/03/16 22:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/03/16 22:56	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/03/16 22:56	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/03/16 22:56	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/03/16 22:56	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/03/16 22:56	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/03/16 22:56	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/03/16 22:56	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/03/16 22:56	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/03/16 22:56	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/03/16 22:56	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/03/16 22:56	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/03/16 22:56	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/03/16 22:56	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/03/16 22:56	1
Styrene	0.98	U	2.0	0.98	ug/L			03/03/16 22:56	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/03/16 22:56	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/03/16 22:56	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/03/16 22:56	1
Tetrachloroethene	**0.99**	**I**	1.0	0.50	ug/L			03/03/16 22:56	1
Toluene	0.51	U	1.0	0.51	ug/L			03/03/16 22:56	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 22:56	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/03/16 22:56	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/03/16 22:56	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 22:56	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 22:56	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 22:56	1
Trichloroethene	**17**		1.0	0.61	ug/L			03/03/16 22:56	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:56	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/03/16 22:56	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/03/16 22:56	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/03/16 22:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/03/16 22:56*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/03/16 22:56*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/03/16 22:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.6**		2.0	1.0	ug/L			02/26/16 15:42	1

Client Sample ID: MW-34
Date Collected: 02/23/16 07:01
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/03/16 21:23	1
Benzene	0.50	U	1.0	0.50	ug/L			03/03/16 21:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 21:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/03/16 21:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/03/16 21:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/03/16 21:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/03/16 21:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/03/16 21:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/03/16 21:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/03/16 21:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/03/16 21:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/03/16 21:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/03/16 21:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/03/16 21:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/03/16 21:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/03/16 21:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/03/16 21:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/03/16 21:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/03/16 21:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/03/16 21:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/03/16 21:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/03/16 21:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/03/16 21:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/03/16 21:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 21:23	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/03/16 21:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/03/16 21:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 21:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/03/16 21:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/03/16 21:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/03/16 21:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/03/16 21:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/03/16 21:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/03/16 21:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/03/16 21:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/03/16 21:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/03/16 21:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/03/16 21:23	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/03/16 21:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/03/16 21:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/03/16 21:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/03/16 21:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/03/16 21:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/03/16 21:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/03/16 21:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/03/16 21:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/03/16 21:23	1
Styrene	0.98	U	2.0	0.98	ug/L			03/03/16 21:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/03/16 21:23	1

Client Sample ID: MW-34

Date Collected: 02/23/16 07:01
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/03/16 21:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/03/16 21:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/03/16 21:23	1
Toluene	0.51	U	1.0	0.51	ug/L			03/03/16 21:23	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 21:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/03/16 21:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/03/16 21:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 21:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 21:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 21:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/03/16 21:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 21:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/03/16 21:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/03/16 21:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/03/16 21:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/03/16 21:23*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*03/03/16 21:23*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/03/16 21:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/26/16 16:01	1

Client Sample ID: MW-35

Date Collected: 02/23/16 07:20
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/03/16 21:42	1
Benzene	0.50	U	1.0	0.50	ug/L			03/03/16 21:42	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 21:42	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/03/16 21:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/03/16 21:42	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/03/16 21:42	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/03/16 21:42	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/03/16 21:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/03/16 21:42	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/03/16 21:42	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/03/16 21:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/03/16 21:42	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/03/16 21:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/03/16 21:42	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/03/16 21:42	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/03/16 21:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/03/16 21:42	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/03/16 21:42	1

Client Sample ID: MW-35
Date Collected: 02/23/16 07:20
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/03/16 21:42	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/03/16 21:42	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/03/16 21:42	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/03/16 21:42	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/03/16 21:42	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/03/16 21:42	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 21:42	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/03/16 21:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/03/16 21:42	1
1,1-Dichloroethene	**0.86**	**I**	1.0	0.67	ug/L			03/03/16 21:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/03/16 21:42	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/03/16 21:42	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/03/16 21:42	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/03/16 21:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/03/16 21:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/03/16 21:42	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/03/16 21:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/03/16 21:42	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/03/16 21:42	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/03/16 21:42	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/03/16 21:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/03/16 21:42	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/03/16 21:42	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/03/16 21:42	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/03/16 21:42	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/03/16 21:42	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/03/16 21:42	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/03/16 21:42	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/03/16 21:42	1
Styrene	0.98	U	2.0	0.98	ug/L			03/03/16 21:42	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/03/16 21:42	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/03/16 21:42	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/03/16 21:42	1
Tetrachloroethene	**7.4**		1.0	0.50	ug/L			03/03/16 21:42	1
Toluene	0.51	U	1.0	0.51	ug/L			03/03/16 21:42	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 21:42	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/03/16 21:42	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/03/16 21:42	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 21:42	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 21:42	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 21:42	1
Trichloroethene	**3.4**		1.0	0.61	ug/L			03/03/16 21:42	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 21:42	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/03/16 21:42	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/03/16 21:42	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/03/16 21:42	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/03/16 21:42*	*1*

Client Sample ID: MW-35

Date Collected: 02/23/16 07:20
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	*98*		*70 - 130*		*03/03/16 21:42*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/03/16 21:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/26/16 16:19	1

Client Sample ID: MW-37

Date Collected: 02/23/16 16:23
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/04/16 00:48	1
Benzene	0.50	U	1.0	0.50	ug/L			03/04/16 00:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/04/16 00:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/04/16 00:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/04/16 00:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/04/16 00:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/04/16 00:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/04/16 00:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/04/16 00:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/04/16 00:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/04/16 00:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/04/16 00:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/04/16 00:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/04/16 00:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/04/16 00:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/04/16 00:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/04/16 00:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/04/16 00:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/04/16 00:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/04/16 00:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/04/16 00:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/04/16 00:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/04/16 00:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/04/16 00:48	1
1,1-Dichloroethane	**9.0**		1.0	0.52	ug/L			03/04/16 00:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/04/16 00:48	1
1,1-Dichloroethene	**21**		1.0	0.67	ug/L			03/04/16 00:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/04/16 00:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/04/16 00:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/04/16 00:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/04/16 00:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/04/16 00:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/04/16 00:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/04/16 00:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/04/16 00:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/04/16 00:48	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-37
Date Collected: 02/23/16 16:23
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/04/16 00:48	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/04/16 00:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/04/16 00:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/04/16 00:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/04/16 00:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/04/16 00:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/04/16 00:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/04/16 00:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/04/16 00:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/04/16 00:48	1
Styrene	0.98	U	2.0	0.98	ug/L			03/04/16 00:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/04/16 00:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/04/16 00:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/04/16 00:48	1
Tetrachloroethene	**4.4**		1.0	0.50	ug/L			03/04/16 00:48	1
Toluene	**0.53**	**I**	1.0	0.51	ug/L			03/04/16 00:48	1
trans-1,2-Dichloroethene	**0.95**	**I**	1.0	0.67	ug/L			03/04/16 00:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/04/16 00:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/04/16 00:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/04/16 00:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/04/16 00:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/04/16 00:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/04/16 00:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/04/16 00:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/04/16 00:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/04/16 00:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/04/16 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/04/16 00:48*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/04/16 00:48*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/04/16 00:48*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**180**		5.0	3.3	ug/L			03/03/16 23:34	5
Trichloroethene	**480**		5.0	3.1	ug/L			03/03/16 23:34	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/03/16 23:34*	*5*
Dibromofluoromethane	*103*		*70 - 130*		*03/03/16 23:34*	*5*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/03/16 23:34*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**15**		2.0	1.0	ug/L			02/26/16 18:10	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-43
Date Collected: 02/23/16 15:56
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/04/16 00:11	1
Benzene	0.50	U	1.0	0.50	ug/L			03/04/16 00:11	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/04/16 00:11	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/04/16 00:11	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/04/16 00:11	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/04/16 00:11	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/04/16 00:11	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/04/16 00:11	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/04/16 00:11	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/04/16 00:11	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/04/16 00:11	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/04/16 00:11	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/04/16 00:11	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/04/16 00:11	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/04/16 00:11	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/04/16 00:11	1
cis-1,2-Dichloroethene	**40**		1.0	0.65	ug/L			03/04/16 00:11	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/04/16 00:11	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/04/16 00:11	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/04/16 00:11	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/04/16 00:11	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/04/16 00:11	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/04/16 00:11	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/04/16 00:11	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/04/16 00:11	1
1,1-Dichloroethane	**3.0**		1.0	0.52	ug/L			03/04/16 00:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/04/16 00:11	1
1,1-Dichloroethene	**13**		1.0	0.67	ug/L			03/04/16 00:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/04/16 00:11	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/04/16 00:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/04/16 00:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/04/16 00:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/04/16 00:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/04/16 00:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/04/16 00:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/04/16 00:11	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/04/16 00:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/04/16 00:11	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/04/16 00:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/04/16 00:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/04/16 00:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/04/16 00:11	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/04/16 00:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/04/16 00:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/04/16 00:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/04/16 00:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/04/16 00:11	1
Styrene	0.98	U	2.0	0.98	ug/L			03/04/16 00:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/04/16 00:11	1

Client Sample ID: MW-43

Date Collected: 02/23/16 15:56
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/04/16 00:11	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/04/16 00:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/04/16 00:11	1
Toluene	0.51	U	1.0	0.51	ug/L			03/04/16 00:11	1
trans-1,2-Dichloroethene	**3.9**		1.0	0.67	ug/L			03/04/16 00:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/04/16 00:11	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/04/16 00:11	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/04/16 00:11	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/04/16 00:11	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/04/16 00:11	1
Trichloroethene	**97**		1.0	0.61	ug/L			03/04/16 00:11	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/04/16 00:11	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/04/16 00:11	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/04/16 00:11	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/04/16 00:11	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/04/16 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/04/16 00:11*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/04/16 00:11*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/04/16 00:11*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**39**		2.0	1.0	ug/L			02/26/16 18:28	1

Client Sample ID: MW-47

Date Collected: 02/23/16 14:13
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/03/16 22:01	1
Benzene	0.50	U	1.0	0.50	ug/L			03/03/16 22:01	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 22:01	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/03/16 22:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:01	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/03/16 22:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/03/16 22:01	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/03/16 22:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/03/16 22:01	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/03/16 22:01	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/03/16 22:01	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:01	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/03/16 22:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/03/16 22:01	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/03/16 22:01	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/03/16 22:01	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/03/16 22:01	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/03/16 22:01	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-47
Date Collected: 02/23/16 14:13
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/03/16 22:01	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/03/16 22:01	1
1,2-Dichlorobenzene	**0.86**	**I**	1.0	0.49	ug/L			03/03/16 22:01	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/03/16 22:01	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/03/16 22:01	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/03/16 22:01	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:01	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/03/16 22:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/03/16 22:01	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 22:01	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/03/16 22:01	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/03/16 22:01	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/03/16 22:01	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/03/16 22:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/03/16 22:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/03/16 22:01	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/03/16 22:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/03/16 22:01	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/03/16 22:01	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/03/16 22:01	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/03/16 22:01	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/03/16 22:01	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/03/16 22:01	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/03/16 22:01	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/03/16 22:01	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/03/16 22:01	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/03/16 22:01	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/03/16 22:01	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/03/16 22:01	1
Styrene	0.98	U	2.0	0.98	ug/L			03/03/16 22:01	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/03/16 22:01	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/03/16 22:01	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/03/16 22:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/03/16 22:01	1
Toluene	0.51	U	1.0	0.51	ug/L			03/03/16 22:01	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 22:01	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/03/16 22:01	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/03/16 22:01	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 22:01	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 22:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 22:01	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/03/16 22:01	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:01	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/03/16 22:01	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/03/16 22:01	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/03/16 22:01	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/03/16 22:01*	*1*

Client Sample ID: MW-47

Lab Sample ID: 660-72250-8

Date Collected: 02/23/16 14:13

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*100*		*70 - 130*		*03/03/16 22:01*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/03/16 22:01*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.7**	**I**	2.0	1.0	ug/L			02/26/16 16:37	1

Client Sample ID: MW-48

Lab Sample ID: 660-72250-9

Date Collected: 02/23/16 15:06

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/03/16 22:19	1
Benzene	0.50	U	1.0	0.50	ug/L			03/03/16 22:19	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 22:19	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/03/16 22:19	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:19	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/03/16 22:19	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/03/16 22:19	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/03/16 22:19	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/03/16 22:19	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/03/16 22:19	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/03/16 22:19	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:19	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/03/16 22:19	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/03/16 22:19	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/03/16 22:19	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/03/16 22:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/03/16 22:19	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/03/16 22:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/03/16 22:19	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/03/16 22:19	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/03/16 22:19	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/03/16 22:19	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/03/16 22:19	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/03/16 22:19	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:19	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/03/16 22:19	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/03/16 22:19	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 22:19	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/03/16 22:19	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/03/16 22:19	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/03/16 22:19	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/03/16 22:19	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/03/16 22:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/03/16 22:19	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/03/16 22:19	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/03/16 22:19	1

Client Sample ID: MW-48

Date Collected: 02/23/16 15:06
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/03/16 22:19	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/03/16 22:19	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/03/16 22:19	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/03/16 22:19	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/03/16 22:19	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/03/16 22:19	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/03/16 22:19	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/03/16 22:19	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/03/16 22:19	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/03/16 22:19	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/03/16 22:19	1
Styrene	0.98	U	2.0	0.98	ug/L			03/03/16 22:19	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/03/16 22:19	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/03/16 22:19	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/03/16 22:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/03/16 22:19	1
Toluene	0.51	U	1.0	0.51	ug/L			03/03/16 22:19	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 22:19	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/03/16 22:19	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/03/16 22:19	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 22:19	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 22:19	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 22:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/03/16 22:19	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:19	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/03/16 22:19	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/03/16 22:19	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/03/16 22:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/03/16 22:19*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/03/16 22:19*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/03/16 22:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.7**		2.0	1.0	ug/L			02/26/16 16:56	1

Client Sample ID: MW-54

Date Collected: 02/22/16 14:50
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/03/16 22:38	1
Benzene	0.50	U	1.0	0.50	ug/L			03/03/16 22:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 22:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/03/16 22:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-54
Date Collected: 02/22/16 14:50
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/03/16 22:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/03/16 22:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/03/16 22:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/03/16 22:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/03/16 22:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/03/16 22:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/03/16 22:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/03/16 22:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/03/16 22:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/03/16 22:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/03/16 22:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/03/16 22:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/03/16 22:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/03/16 22:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/03/16 22:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/03/16 22:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/03/16 22:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/03/16 22:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/03/16 22:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/03/16 22:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 22:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/03/16 22:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/03/16 22:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/03/16 22:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/03/16 22:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/03/16 22:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/03/16 22:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/03/16 22:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/03/16 22:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/03/16 22:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/03/16 22:38	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/03/16 22:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/03/16 22:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/03/16 22:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/03/16 22:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/03/16 22:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/03/16 22:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/03/16 22:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/03/16 22:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/03/16 22:38	1
Styrene	0.98	U	2.0	0.98	ug/L			03/03/16 22:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/03/16 22:38	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/03/16 22:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/03/16 22:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/03/16 22:38	1
Toluene	0.51	U	1.0	0.51	ug/L			03/03/16 22:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 22:38	1

Client Sample ID: MW-54

Lab Sample ID: 660-72250-10

Date Collected: 02/22/16 14:50

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/03/16 22:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/03/16 22:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 22:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 22:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 22:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/03/16 22:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/03/16 22:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/03/16 22:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/03/16 22:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/03/16 22:38*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/03/16 22:38*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/03/16 22:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/26/16 17:14	1

Client Sample ID: MW-57

Lab Sample ID: 660-72250-11

Date Collected: 02/23/16 11:05

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 15:44	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 15:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 15:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 15:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 15:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 15:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 15:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 15:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 15:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 15:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 15:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 15:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 15:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 15:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 15:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 15:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 15:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 15:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 15:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 15:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 15:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 15:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 15:44	1

Client Sample ID: MW-57
Date Collected: 02/23/16 11:05
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 15:44	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 15:44	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 15:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 15:44	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 15:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 15:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 15:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 15:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 15:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 15:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 15:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 15:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 15:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 15:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 15:44	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 15:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 15:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 15:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 15:44	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 15:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 15:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 15:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 15:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 15:44	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 15:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 15:44	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 15:44	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 15:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 15:44	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 15:44	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 15:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 15:44	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 15:44	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 15:44	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 15:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 15:44	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 15:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 15:44	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 15:44	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 15:44	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 15:44	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 15:44*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/05/16 15:44*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/05/16 15:44*	*1*

Client Sample ID: MW-57

Lab Sample ID: 660-72250-11

Date Collected: 02/23/16 11:05

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/26/16 17:33	1

Client Sample ID: MW-63

Lab Sample ID: 660-72250-12

Date Collected: 02/23/16 10:06

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 16:03	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 16:03	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:03	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 16:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:03	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 16:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 16:03	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 16:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:03	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 16:03	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 16:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 16:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 16:03	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 16:03	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 16:03	1
cis-1,2-Dichloroethene	**0.99**	**I**	1.0	0.65	ug/L			03/05/16 16:03	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 16:03	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 16:03	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 16:03	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 16:03	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 16:03	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 16:03	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 16:03	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 16:03	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 16:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 16:03	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:03	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 16:03	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 16:03	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 16:03	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 16:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 16:03	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 16:03	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 16:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 16:03	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 16:03	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 16:03	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 16:03	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 16:03	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 16:03	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 16:03	1

Client Sample ID: MW-63

Date Collected: 02/23/16 10:06
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-12

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 16:03	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 16:03	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 16:03	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 16:03	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:03	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 16:03	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 16:03	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 16:03	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 16:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 16:03	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 16:03	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:03	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 16:03	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 16:03	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:03	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:03	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 16:03	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:03	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 16:03	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 16:03	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 16:03	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 16:03*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/05/16 16:03*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/05/16 16:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.9**		2.0	1.0	ug/L			02/26/16 17:51	1

Client Sample ID: MW-65

Date Collected: 02/23/16 11:48
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-13

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 16:21	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 16:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 16:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 16:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 16:21	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 16:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 16:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 16:21	1

Client Sample ID: MW-65
Date Collected: 02/23/16 11:48
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 16:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 16:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 16:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 16:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 16:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 16:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 16:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 16:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 16:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 16:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 16:21	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 16:21	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 16:21	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 16:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 16:21	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 16:21	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 16:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 16:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 16:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 16:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 16:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 16:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 16:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 16:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 16:21	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 16:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 16:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 16:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 16:21	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 16:21	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 16:21	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 16:21	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 16:21	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:21	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 16:21	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 16:21	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 16:21	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 16:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 16:21	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 16:21	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:21	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 16:21	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 16:21	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:21	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:21	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 16:21	1

Client Sample ID: MW-65

Date Collected: 02/23/16 11:48
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:21	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 16:21	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 16:21	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 16:21	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 16:21*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/05/16 16:21*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/05/16 16:21*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/29/16 12:35	1

Client Sample ID: MW-69

Date Collected: 02/22/16 15:34
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 16:40	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 16:40	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:40	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 16:40	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:40	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 16:40	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 16:40	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 16:40	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:40	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 16:40	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 16:40	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:40	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 16:40	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 16:40	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 16:40	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 16:40	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 16:40	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 16:40	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 16:40	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 16:40	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 16:40	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 16:40	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 16:40	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 16:40	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 16:40	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 16:40	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 16:40	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:40	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 16:40	1

Client Sample ID: MW-69
Date Collected: 02/22/16 15:34
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 16:40	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 16:40	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 16:40	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 16:40	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 16:40	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 16:40	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 16:40	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 16:40	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 16:40	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 16:40	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 16:40	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 16:40	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 16:40	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 16:40	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 16:40	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 16:40	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 16:40	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:40	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 16:40	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 16:40	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 16:40	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 16:40	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 16:40	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 16:40	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:40	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 16:40	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 16:40	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:40	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:40	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:40	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 16:40	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:40	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 16:40	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 16:40	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 16:40	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/05/16 16:40*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/05/16 16:40*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/05/16 16:40*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.1**	**I**	2.0	1.0	ug/L			02/29/16 12:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-72
Date Collected: 02/23/16 11:45
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 14:11	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 14:11	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 14:11	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 14:11	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:11	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 14:11	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 14:11	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 14:11	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 14:11	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 14:11	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 14:11	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:11	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 14:11	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 14:11	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 14:11	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 14:11	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 14:11	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 14:11	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 14:11	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 14:11	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 14:11	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 14:11	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 14:11	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 14:11	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 14:11	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 14:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 14:11	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 14:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 14:11	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 14:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 14:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 14:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 14:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 14:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 14:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 14:11	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 14:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 14:11	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 14:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 14:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 14:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 14:11	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 14:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 14:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 14:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 14:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 14:11	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 14:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 14:11	1

Client Sample ID: MW-72

Lab Sample ID: 660-72250-15

Date Collected: 02/23/16 11:45

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 14:11	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 14:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 14:11	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 14:11	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 14:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 14:11	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 14:11	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 14:11	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 14:11	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 14:11	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 14:11	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:11	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 14:11	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 14:11	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 14:11	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/05/16 14:11*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/05/16 14:11*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/05/16 14:11*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/29/16 13:12	1

Client Sample ID: MW-72(DUP)

Lab Sample ID: 660-72250-16

Date Collected: 02/23/16 11:47

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 16:59	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 16:59	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:59	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 16:59	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:59	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 16:59	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 16:59	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 16:59	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:59	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 16:59	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 16:59	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:59	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 16:59	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 16:59	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 16:59	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 16:59	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 16:59	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 16:59	1

Client Sample ID: MW-72(DUP)
Date Collected: 02/23/16 11:47
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 16:59	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 16:59	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 16:59	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 16:59	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 16:59	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 16:59	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 16:59	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 16:59	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 16:59	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:59	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 16:59	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 16:59	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 16:59	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 16:59	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 16:59	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 16:59	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 16:59	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 16:59	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 16:59	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 16:59	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 16:59	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 16:59	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 16:59	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 16:59	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 16:59	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 16:59	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 16:59	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 16:59	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:59	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 16:59	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 16:59	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 16:59	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 16:59	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 16:59	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 16:59	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:59	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 16:59	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 16:59	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:59	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:59	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:59	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 16:59	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:59	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 16:59	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 16:59	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 16:59	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/05/16 16:59*	*1*

Client Sample ID: MW-72(DUP)

Lab Sample ID: 660-72250-16

Date Collected: 02/23/16 11:47

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*101*		*70 - 130*		*03/05/16 16:59*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/05/16 16:59*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/29/16 14:27	1

Client Sample ID: MW-75

Lab Sample ID: 660-72250-19

Date Collected: 02/23/16 07:40

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 17:17	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 17:17	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:17	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 17:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:17	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 17:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 17:17	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 17:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:17	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 17:17	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 17:17	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:17	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 17:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 17:17	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 17:17	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 17:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 17:17	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 17:17	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 17:17	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 17:17	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 17:17	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 17:17	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 17:17	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 17:17	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 17:17	1
1,1-Dichloroethane	**1.6**		1.0	0.52	ug/L			03/05/16 17:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 17:17	1
1,1-Dichloroethene	**0.91**	**I**	1.0	0.67	ug/L			03/05/16 17:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 17:17	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 17:17	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 17:17	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 17:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 17:17	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 17:17	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 17:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 17:17	1

Client Sample ID: MW-75

Date Collected: 02/23/16 07:40
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-19

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 17:17	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 17:17	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 17:17	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 17:17	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 17:17	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 17:17	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 17:17	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 17:17	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 17:17	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 17:17	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:17	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 17:17	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 17:17	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 17:17	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 17:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 17:17	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 17:17	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:17	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 17:17	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 17:17	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:17	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:17	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 17:17	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:17	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 17:17	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 17:17	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 17:17	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 17:17*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*03/05/16 17:17*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/05/16 17:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.3**		2.0	1.0	ug/L			02/29/16 14:45	1

Client Sample ID: MW-79

Date Collected: 02/23/16 11:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-20

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 17:36	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 17:36	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:36	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 17:36	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:36	1

Client Sample ID: MW-79
Date Collected: 02/23/16 11:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 17:36	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 17:36	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 17:36	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:36	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 17:36	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 17:36	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:36	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 17:36	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 17:36	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 17:36	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 17:36	1
cis-1,2-Dichloroethene	**13**		1.0	0.65	ug/L			03/05/16 17:36	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 17:36	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 17:36	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 17:36	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 17:36	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 17:36	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 17:36	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 17:36	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 17:36	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 17:36	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 17:36	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:36	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 17:36	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 17:36	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 17:36	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 17:36	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 17:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 17:36	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 17:36	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 17:36	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 17:36	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 17:36	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 17:36	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 17:36	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 17:36	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 17:36	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 17:36	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 17:36	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 17:36	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 17:36	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:36	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 17:36	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 17:36	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 17:36	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 17:36	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 17:36	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 17:36	1
trans-1,2-Dichloroethene	**6.2**		1.0	0.67	ug/L			03/05/16 17:36	1

Client Sample ID: MW-79

Date Collected: 02/23/16 11:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 17:36	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 17:36	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:36	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:36	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:36	1
Trichloroethene	**4.7**		1.0	0.61	ug/L			03/05/16 17:36	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:36	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 17:36	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 17:36	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 17:36	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 17:36*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/05/16 17:36*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 17:36*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.5**		2.0	1.0	ug/L			02/29/16 15:04	1

Client Sample ID: MW-80

Date Collected: 02/23/16 12:06
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 17:55	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 17:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 17:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 17:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 17:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 17:55	1
Chlorobenzene	**0.75**	**I**	1.0	0.63	ug/L			03/05/16 17:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 17:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 17:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 17:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 17:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 17:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 17:55	1
cis-1,2-Dichloroethene	**1.7**		1.0	0.65	ug/L			03/05/16 17:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 17:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 17:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 17:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 17:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 17:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 17:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-80
Date Collected: 02/23/16 12:06
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 17:55	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 17:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 17:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 17:55	1
1,1-Dichloroethene	**16**		1.0	0.67	ug/L			03/05/16 17:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 17:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 17:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 17:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 17:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 17:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 17:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 17:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 17:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 17:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 17:55	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 17:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 17:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 17:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 17:55	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 17:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 17:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 17:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 17:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:55	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 17:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 17:55	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 17:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 17:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 17:55	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 17:55	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 17:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 17:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:55	1
Trichloroethene	**1.3**		1.0	0.61	ug/L			03/05/16 17:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 17:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 17:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 17:55	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 17:55*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/05/16 17:55*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/05/16 17:55*	*1*

Client Sample ID: MW-80

Date Collected: 02/23/16 12:06
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-21

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.1**		2.0	1.0	ug/L			02/29/16 15:22	1

Client Sample ID: MW-81

Date Collected: 02/23/16 13:42
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-22

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 14:29	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 14:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 14:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 14:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:29	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 14:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 14:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 14:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 14:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 14:29	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 14:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 14:29	1
Chloromethane	**2.2**	**I**	4.0	1.0	ug/L			03/05/16 14:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 14:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 14:29	1
cis-1,2-Dichloroethene	**9.5**		1.0	0.65	ug/L			03/05/16 14:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 14:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 14:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 14:29	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 14:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 14:29	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 14:29	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 14:29	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 14:29	1
1,1-Dichloroethane	**19**		1.0	0.52	ug/L			03/05/16 14:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 14:29	1
1,1-Dichloroethene	**64**		1.0	0.67	ug/L			03/05/16 14:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 14:29	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 14:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 14:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 14:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 14:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 14:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 14:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 14:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 14:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 14:29	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 14:29	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 14:29	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 14:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 14:29	1

Client Sample ID: MW-81

Date Collected: 02/23/16 13:42
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-22

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 14:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 14:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 14:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 14:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 14:29	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 14:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 14:29	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 14:29	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 14:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 14:29	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 14:29	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 14:29	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 14:29	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 14:29	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 14:29	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 14:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 14:29	1
Trichloroethene	**3.0**		1.0	0.61	ug/L			03/05/16 14:29	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:29	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 14:29	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 14:29	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 14:29	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 14:29*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/05/16 14:29*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/05/16 14:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**43**		2.0	1.0	ug/L			02/29/16 15:41	1

Client Sample ID: MW-82

Date Collected: 02/22/16 12:59
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-23

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 21:01	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 21:01	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 21:01	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 21:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 21:01	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 21:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 21:01	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 21:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 21:01	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 21:01	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 21:01	1

Client Sample ID: MW-82
Date Collected: 02/22/16 12:59
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 21:01	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 21:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 21:01	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 21:01	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 21:01	1
cis-1,2-Dichloroethene	**2.5**		1.0	0.65	ug/L			03/05/16 21:01	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 21:01	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 21:01	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 21:01	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 21:01	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 21:01	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 21:01	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 21:01	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 21:01	1
1,1-Dichloroethane	**43**		1.0	0.52	ug/L			03/05/16 21:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 21:01	1
1,1-Dichloroethene	**39**		1.0	0.67	ug/L			03/05/16 21:01	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 21:01	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 21:01	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 21:01	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 21:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 21:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 21:01	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 21:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 21:01	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 21:01	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 21:01	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 21:01	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 21:01	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 21:01	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 21:01	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 21:01	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 21:01	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 21:01	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 21:01	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 21:01	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 21:01	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 21:01	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 21:01	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 21:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 21:01	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 21:01	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 21:01	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 21:01	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 21:01	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 21:01	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 21:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 21:01	1
Trichloroethene	**1.4**		1.0	0.61	ug/L			03/05/16 21:01	1

Client Sample ID: MW-82

Date Collected: 02/22/16 12:59
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 21:01	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 21:01	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 21:01	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 21:01	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/05/16 21:01*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/05/16 21:01*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/05/16 21:01*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**27**		2.0	1.0	ug/L			02/29/16 15:59	1

Client Sample ID: MW-85

Date Collected: 02/23/16 08:51
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/06/16 20:24	1
Benzene	0.50	U	1.0	0.50	ug/L			03/06/16 20:24	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/06/16 20:24	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/06/16 20:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/06/16 20:24	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/06/16 20:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/06/16 20:24	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/06/16 20:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/06/16 20:24	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/06/16 20:24	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/06/16 20:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/06/16 20:24	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/06/16 20:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/06/16 20:24	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/06/16 20:24	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/06/16 20:24	1
cis-1,2-Dichloroethene	**5.5**		1.0	0.65	ug/L			03/06/16 20:24	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/06/16 20:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/06/16 20:24	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/06/16 20:24	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/06/16 20:24	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/06/16 20:24	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/06/16 20:24	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/06/16 20:24	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/06/16 20:24	1
1,1-Dichloroethane	**20**		1.0	0.52	ug/L			03/06/16 20:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/06/16 20:24	1
1,1-Dichloroethene	**9.9**		1.0	0.67	ug/L			03/06/16 20:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/06/16 20:24	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-85
Date Collected: 02/23/16 08:51
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/06/16 20:24	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/06/16 20:24	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/06/16 20:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/06/16 20:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/06/16 20:24	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/06/16 20:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/06/16 20:24	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/06/16 20:24	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/06/16 20:24	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/06/16 20:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/06/16 20:24	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/06/16 20:24	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/06/16 20:24	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/06/16 20:24	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/06/16 20:24	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/06/16 20:24	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/06/16 20:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/06/16 20:24	1
Styrene	0.98	U	2.0	0.98	ug/L			03/06/16 20:24	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/06/16 20:24	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/06/16 20:24	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/06/16 20:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/06/16 20:24	1
Toluene	0.51	U	1.0	0.51	ug/L			03/06/16 20:24	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/06/16 20:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/06/16 20:24	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/06/16 20:24	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/06/16 20:24	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/06/16 20:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/06/16 20:24	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/06/16 20:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/06/16 20:24	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/06/16 20:24	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/06/16 20:24	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/06/16 20:24	1
Vinyl chloride	**1.9**		1.0	0.71	ug/L			03/06/16 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/06/16 20:24*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/06/16 20:24*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/06/16 20:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**50**		2.0	1.0	ug/L			02/29/16 16:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-85 (DUP)
Date Collected: 02/23/16 08:53
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 20:43	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 20:43	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:43	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 20:43	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:43	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 20:43	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 20:43	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 20:43	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:43	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 20:43	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 20:43	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:43	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 20:43	1
Chloromethane	**1.8**	**I**	4.0	1.0	ug/L			03/05/16 20:43	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 20:43	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 20:43	1
cis-1,2-Dichloroethene	**5.4**		1.0	0.65	ug/L			03/05/16 20:43	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 20:43	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 20:43	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 20:43	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 20:43	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 20:43	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 20:43	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 20:43	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 20:43	1
1,1-Dichloroethane	**20**		1.0	0.52	ug/L			03/05/16 20:43	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 20:43	1
1,1-Dichloroethene	**9.7**		1.0	0.67	ug/L			03/05/16 20:43	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 20:43	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 20:43	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 20:43	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 20:43	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 20:43	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 20:43	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 20:43	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 20:43	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 20:43	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 20:43	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 20:43	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 20:43	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 20:43	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 20:43	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 20:43	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 20:43	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 20:43	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 20:43	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:43	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 20:43	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 20:43	1

Client Sample ID: MW-85 (DUP)

Lab Sample ID: 660-72250-25

Date Collected: 02/23/16 08:53

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 20:43	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 20:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 20:43	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 20:43	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 20:43	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 20:43	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 20:43	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:43	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:43	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 20:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:43	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 20:43	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 20:43	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 20:43	1
Vinyl chloride	**2.1**	**J3**	1.0	0.71	ug/L			03/05/16 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*03/05/16 20:43*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/05/16 20:43*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/05/16 20:43*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**52**		2.0	1.0	ug/L			02/29/16 16:37	1

Client Sample ID: MW-86R

Lab Sample ID: 660-72250-28

Date Collected: 02/23/16 10:23

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:13	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 18:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:13	1
cis-1,2-Dichloroethene	**0.67**	**I**	1.0	0.65	ug/L			03/05/16 18:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:13	1

Client Sample ID: MW-86R
Date Collected: 02/23/16 10:23
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:13	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 18:13	1
1,1-Dichloroethane	**11**		1.0	0.52	ug/L			03/05/16 18:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:13	1
1,1-Dichloroethene	**11**		1.0	0.67	ug/L			03/05/16 18:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:13	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:13	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:13	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:13	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:13	1
Trichloroethene	**1.1**		1.0	0.61	ug/L			03/05/16 18:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:13	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 18:13*	*1*

Client Sample ID: MW-86R

Lab Sample ID: 660-72250-28

Date Collected: 02/23/16 10:23

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*105*		*70 - 130*		*03/05/16 18:13*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/05/16 18:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**47**		2.0	1.0	ug/L			02/29/16 20:37	1

Client Sample ID: MW-91

Lab Sample ID: 660-72250-29

Date Collected: 02/22/16 15:52

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:32	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:32	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:32	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:32	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:32	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:32	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:32	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:32	1
Chloromethane	**3.3**	**I**	4.0	1.0	ug/L			03/05/16 18:32	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:32	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:32	1
cis-1,2-Dichloroethene	**6.7**		1.0	0.65	ug/L			03/05/16 18:32	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:32	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:32	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:32	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:32	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:32	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:32	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 18:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 18:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:32	1
1,1-Dichloroethene	**1.5**		1.0	0.67	ug/L			03/05/16 18:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:32	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:32	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:32	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:32	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:32	1

Client Sample ID: MW-91

Date Collected: 02/22/16 15:52
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-29

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:32	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:32	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:32	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:32	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:32	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:32	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:32	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:32	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:32	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:32	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:32	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:32	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:32	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:32	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:32	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:32	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:32	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:32	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:32	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:32	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:32	1
Trichloroethene	**15**		1.0	0.61	ug/L			03/05/16 18:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:32	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:32	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:32	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:32	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 18:32*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/05/16 18:32*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/05/16 18:32*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**42**		2.0	1.0	ug/L			02/29/16 20:19	1

Client Sample ID: MW-94

Date Collected: 02/23/16 09:00
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-30

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:51	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:51	1

Client Sample ID: MW-94
Date Collected: 02/23/16 09:00
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:51	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 18:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:51	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 18:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:51	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:51	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 18:51	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 18:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:51	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:51	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:51	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:51	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:51	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:51	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:51	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:51	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:51	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:51	1

Client Sample ID: MW-94

Date Collected: 02/23/16 09:00
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-30

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:51	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:51	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:51	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:51	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:51	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 18:51	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:51	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:51	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:51	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:51	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 18:51*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*03/05/16 18:51*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/05/16 18:51*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.3**		2.0	1.0	ug/L			02/29/16 17:51	1

Client Sample ID: MW-98

Date Collected: 02/22/16 14:44
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-31

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 21:11	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 21:11	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 21:11	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 21:11	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 21:11	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 21:11	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 21:11	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 21:11	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 21:11	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 21:11	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 21:11	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 21:11	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 21:11	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 21:11	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 21:11	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 21:11	1
cis-1,2-Dichloroethene	**4.9**		1.0	0.65	ug/L			03/05/16 21:11	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 21:11	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 21:11	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 21:11	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 21:11	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 21:11	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 21:11	1

Client Sample ID: MW-98
Date Collected: 02/22/16 14:44
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 21:11	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 21:11	1
1,1-Dichloroethane	**17**		1.0	0.52	ug/L			03/05/16 21:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 21:11	1
1,1-Dichloroethene	**49**		1.0	0.67	ug/L			03/05/16 21:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 21:11	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 21:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 21:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 21:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 21:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 21:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 21:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 21:11	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 21:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 21:11	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 21:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 21:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 21:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 21:11	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 21:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 21:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 21:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 21:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 21:11	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 21:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 21:11	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 21:11	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 21:11	1
Tetrachloroethene	**0.88**	**I**	1.0	0.50	ug/L			03/05/16 21:11	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 21:11	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 21:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 21:11	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 21:11	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 21:11	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 21:11	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 21:11	1
Trichloroethene	**31**		1.0	0.61	ug/L			03/05/16 21:11	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 21:11	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 21:11	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 21:11	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 21:11	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 21:11*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*03/05/16 21:11*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/05/16 21:11*	*1*

Client Sample ID: MW-98

Lab Sample ID: 660-72250-31

Date Collected: 02/22/16 14:44

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	25		2.0	1.0	ug/L			02/29/16 19:42	1

Client Sample ID: MW-100

Lab Sample ID: 660-72250-32

Date Collected: 02/22/16 13:16

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 19:09	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 19:09	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:09	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 19:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 19:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 19:09	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 19:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:09	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 19:09	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 19:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 19:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 19:09	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 19:09	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 19:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 19:09	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 19:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 19:09	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 19:09	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 19:09	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 19:09	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 19:09	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 19:09	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 19:09	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 19:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 19:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 19:09	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 19:09	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 19:09	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 19:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 19:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 19:09	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 19:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 19:09	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 19:09	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 19:09	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 19:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 19:09	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 19:09	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 19:09	1

Client Sample ID: MW-100

Date Collected: 02/22/16 13:16
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 19:09	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 19:09	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 19:09	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 19:09	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:09	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 19:09	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 19:09	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 19:09	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 19:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 19:09	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 19:09	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 19:09	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 19:09	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:09	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 19:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:09	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 19:09	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 19:09	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 19:09	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/05/16 19:09*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/05/16 19:09*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/05/16 19:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.5**		2.0	1.0	ug/L			02/29/16 18:09	1

Client Sample ID: MW-101

Date Collected: 02/22/16 12:29
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 19:28	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 19:28	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:28	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 19:28	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:28	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 19:28	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 19:28	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 19:28	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:28	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 19:28	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 19:28	1

Client Sample ID: MW-101
Date Collected: 02/22/16 12:29
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:28	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 19:28	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 19:28	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 19:28	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 19:28	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.65	ug/L			03/05/16 19:28	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 19:28	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 19:28	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 19:28	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 19:28	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 19:28	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 19:28	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 19:28	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 19:28	1
1,1-Dichloroethane	**14**		1.0	0.52	ug/L			03/05/16 19:28	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 19:28	1
1,1-Dichloroethene	**1.4**		1.0	0.67	ug/L			03/05/16 19:28	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 19:28	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 19:28	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 19:28	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 19:28	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 19:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 19:28	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 19:28	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 19:28	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 19:28	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 19:28	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 19:28	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 19:28	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 19:28	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 19:28	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 19:28	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 19:28	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 19:28	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 19:28	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:28	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 19:28	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 19:28	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 19:28	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 19:28	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 19:28	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 19:28	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:28	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 19:28	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 19:28	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:28	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:28	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:28	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 19:28	1

Client Sample ID: MW-101

Lab Sample ID: 660-72250-33

Date Collected: 02/22/16 12:29

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:28	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 19:28	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 19:28	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 19:28	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 19:28*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/05/16 19:28*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/05/16 19:28*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	40		2.0	1.0	ug/L			02/29/16 20:00	1

Client Sample ID: MW-102

Lab Sample ID: 660-72250-34

Date Collected: 02/22/16 13:57

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 14:48	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 14:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 14:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 14:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 14:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 14:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 14:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 14:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 14:48	1
Chlorodibromomethane	0.31	U J3	1.0	0.31	ug/L			03/05/16 14:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 14:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 14:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 14:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 14:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 14:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 14:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 14:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 14:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 14:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 14:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 14:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 14:48	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 14:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 14:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 14:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 14:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 14:48	1

Client Sample ID: MW-102
Date Collected: 02/22/16 13:57
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 14:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 14:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 14:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 14:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 14:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 14:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 14:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 14:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 14:48	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 14:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 14:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 14:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 14:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 14:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 14:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 14:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 14:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 14:48	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 14:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 14:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 14:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 14:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 14:48	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 14:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 14:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 14:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 14:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 14:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 14:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 14:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 14:48	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 14:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 14:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 14:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 14:48	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/05/16 14:48*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*03/05/16 14:48*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 14:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/29/16 18:28	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-102 (DUP)
Date Collected: 02/22/16 13:59
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 19:46	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 19:46	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:46	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 19:46	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:46	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 19:46	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 19:46	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 19:46	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:46	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 19:46	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 19:46	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:46	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 19:46	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 19:46	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 19:46	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 19:46	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 19:46	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 19:46	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 19:46	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 19:46	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 19:46	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 19:46	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 19:46	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 19:46	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 19:46	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 19:46	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 19:46	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:46	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 19:46	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 19:46	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 19:46	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 19:46	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 19:46	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 19:46	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 19:46	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 19:46	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 19:46	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 19:46	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 19:46	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 19:46	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 19:46	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 19:46	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 19:46	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 19:46	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 19:46	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 19:46	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:46	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 19:46	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 19:46	1

Client Sample ID: MW-102 (DUP)

Lab Sample ID: 660-72250-35

Date Collected: 02/22/16 13:59

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 19:46	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 19:46	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 19:46	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 19:46	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:46	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 19:46	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 19:46	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:46	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:46	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:46	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 19:46	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:46	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 19:46	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 19:46	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 19:46	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/05/16 19:46*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/05/16 19:46*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/05/16 19:46*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/29/16 18:46	1

Client Sample ID: MW-104

Lab Sample ID: 660-72250-38

Date Collected: 02/22/16 14:02

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 20:05	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 20:05	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:05	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 20:05	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:05	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 20:05	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 20:05	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 20:05	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:05	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 20:05	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 20:05	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:05	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 20:05	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 20:05	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 20:05	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 20:05	1
cis-1,2-Dichloroethene	**6.9**		1.0	0.65	ug/L			03/05/16 20:05	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 20:05	1

Client Sample ID: MW-104
Date Collected: 02/22/16 14:02
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 20:05	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 20:05	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 20:05	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 20:05	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 20:05	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 20:05	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 20:05	1
1,1-Dichloroethane	**20**		1.0	0.52	ug/L			03/05/16 20:05	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 20:05	1
1,1-Dichloroethene	**12**		1.0	0.67	ug/L			03/05/16 20:05	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 20:05	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 20:05	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 20:05	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 20:05	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 20:05	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 20:05	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 20:05	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 20:05	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 20:05	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 20:05	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 20:05	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 20:05	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 20:05	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 20:05	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 20:05	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 20:05	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 20:05	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 20:05	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:05	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 20:05	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 20:05	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 20:05	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 20:05	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 20:05	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 20:05	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 20:05	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 20:05	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 20:05	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:05	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:05	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:05	1
Trichloroethene	**2.3**		1.0	0.61	ug/L			03/05/16 20:05	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:05	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 20:05	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 20:05	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 20:05	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/05/16 20:05*	*1*

Client Sample ID: MW-104

Lab Sample ID: 660-72250-38

Date Collected: 02/22/16 14:02

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*103*		*70 - 130*		*03/05/16 20:05*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/05/16 20:05*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**60**		2.0	1.0	ug/L			03/01/16 15:27	1

Client Sample ID: MW-108

Lab Sample ID: 660-72250-39

Date Collected: 02/23/16 08:03

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 20:24	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 20:24	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:24	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 20:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:24	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 20:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 20:24	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 20:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:24	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 20:24	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 20:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:24	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 20:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 20:24	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 20:24	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 20:24	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 20:24	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 20:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 20:24	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 20:24	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 20:24	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 20:24	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 20:24	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 20:24	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 20:24	1
1,1-Dichloroethane	**0.65**	**I**	1.0	0.52	ug/L			03/05/16 20:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 20:24	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 20:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 20:24	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 20:24	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 20:24	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 20:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 20:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 20:24	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 20:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 20:24	1

Client Sample ID: MW-108

Date Collected: 02/23/16 08:03
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 20:24	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 20:24	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 20:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 20:24	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 20:24	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 20:24	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 20:24	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 20:24	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 20:24	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 20:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:24	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 20:24	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 20:24	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 20:24	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 20:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 20:24	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 20:24	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 20:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 20:24	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 20:24	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:24	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:24	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 20:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:24	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 20:24	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 20:24	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 20:24	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/05/16 20:24*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/05/16 20:24*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/05/16 20:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.6**		2.0	1.0	ug/L			03/01/16 16:41	1

Client Sample ID: MW-114

Date Collected: 02/23/16 08:11
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 17:04	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 17:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 17:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:04	1

Client Sample ID: MW-114
Date Collected: 02/23/16 08:11
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 17:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 17:04	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 17:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 17:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 17:04	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 17:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 17:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 17:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 17:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 17:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 17:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 17:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 17:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 17:04	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 17:04	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 17:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 17:04	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 17:04	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 17:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 17:04	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 17:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 17:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 17:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 17:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 17:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 17:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 17:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 17:04	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 17:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 17:04	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 17:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 17:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 17:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 17:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 17:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 17:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 17:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 17:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:04	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 17:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 17:04	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 17:04	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 17:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 17:04	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 17:04	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:04	1

Client Sample ID: MW-114

Lab Sample ID: 660-72250-40

Date Collected: 02/23/16 08:11

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 17:04	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 17:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:04	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 17:04	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 17:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 17:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 17:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 17:04	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 17:04*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 17:04*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/05/16 17:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**9.3**		2.0	1.0	ug/L			03/01/16 16:59	1

Client Sample ID: MW-131

Lab Sample ID: 660-72250-41

Date Collected: 02/23/16 09:36

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 20:33	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 20:33	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:33	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 20:33	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:33	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 20:33	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 20:33	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 20:33	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:33	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 20:33	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 20:33	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:33	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 20:33	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 20:33	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 20:33	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 20:33	1
cis-1,2-Dichloroethene	**25**		1.0	0.65	ug/L			03/05/16 20:33	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 20:33	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 20:33	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 20:33	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 20:33	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 20:33	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 20:33	1

Client Sample ID: MW-131
Date Collected: 02/23/16 09:36
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-41
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 20:33	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 20:33	1
1,1-Dichloroethane	**1.5**		1.0	0.52	ug/L			03/05/16 20:33	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 20:33	1
1,1-Dichloroethene	**1.9**		1.0	0.67	ug/L			03/05/16 20:33	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 20:33	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 20:33	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 20:33	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 20:33	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 20:33	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 20:33	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 20:33	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 20:33	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 20:33	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 20:33	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 20:33	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 20:33	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 20:33	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 20:33	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 20:33	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 20:33	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 20:33	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 20:33	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:33	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 20:33	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 20:33	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 20:33	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 20:33	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 20:33	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 20:33	1
trans-1,2-Dichloroethene	**44**		1.0	0.67	ug/L			03/05/16 20:33	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 20:33	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 20:33	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:33	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:33	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:33	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 20:33	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 20:33	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 20:33	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 20:33	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 20:33	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 20:33*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 20:33*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 20:33*	*1*

Client Sample ID: MW-131

Date Collected: 02/23/16 09:36
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-41

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**33**		2.0	1.0	ug/L			03/01/16 17:17	1

Client Sample ID: MW-133

Date Collected: 02/22/16 15:30
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-42

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 17:23	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 17:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 17:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 17:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 17:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 17:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 17:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 17:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 17:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 17:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 17:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 17:23	1
cis-1,2-Dichloroethene	**5.6**		1.0	0.65	ug/L			03/05/16 17:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 17:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 17:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 17:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 17:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 17:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 17:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 17:23	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 17:23	1
1,1-Dichloroethane	**1.4**		1.0	0.52	ug/L			03/05/16 17:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 17:23	1
1,1-Dichloroethene	**1.5**		1.0	0.67	ug/L			03/05/16 17:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 17:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 17:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 17:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 17:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 17:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 17:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 17:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 17:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 17:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 17:23	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 17:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 17:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 17:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 17:23	1

Client Sample ID: MW-133

Date Collected: 02/22/16 15:30
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-42

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 17:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 17:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 17:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 17:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:23	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 17:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 17:23	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 17:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 17:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 17:23	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 17:23	1
trans-1,2-Dichloroethene	**7.4**		1.0	0.67	ug/L			03/05/16 17:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 17:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 17:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 17:23	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 17:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 17:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 17:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 17:23	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 17:23*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 17:23*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 17:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**34**		2.0	1.0	ug/L			03/01/16 17:36	1

Client Sample ID: MW-215

Date Collected: 02/22/16 12:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-43

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 19:55	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 19:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 19:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 19:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 19:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 19:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 19:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 19:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-215
Date Collected: 02/22/16 12:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-43
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 19:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 19:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 19:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 19:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 19:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 19:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 19:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 19:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 19:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 19:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 19:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 19:55	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 19:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 19:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 19:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 19:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 19:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 19:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 19:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 19:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 19:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 19:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 19:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 19:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 19:55	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 19:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 19:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 19:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 19:55	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 19:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 19:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 19:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 19:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:55	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 19:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 19:55	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 19:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 19:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 19:55	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 19:55	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 19:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 19:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:55	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 19:55	1

Client Sample ID: MW-215

Lab Sample ID: 660-72250-43

Date Collected: 02/22/16 12:18

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 19:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 19:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 19:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 19:55	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/05/16 19:55*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*03/05/16 19:55*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 19:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 17:54	1

Client Sample ID: MW-231

Lab Sample ID: 660-72250-44

Date Collected: 02/22/16 15:57

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 17:42	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 17:42	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:42	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 17:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:42	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 17:42	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 17:42	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 17:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:42	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 17:42	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 17:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:42	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 17:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 17:42	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 17:42	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 17:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 17:42	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 17:42	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 17:42	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 17:42	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 17:42	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 17:42	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 17:42	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 17:42	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 17:42	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 17:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 17:42	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 17:42	1

Client Sample ID: MW-231
Date Collected: 02/22/16 15:57
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-44
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 17:42	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 17:42	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 17:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 17:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 17:42	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 17:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 17:42	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 17:42	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 17:42	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 17:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 17:42	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 17:42	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 17:42	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 17:42	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 17:42	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 17:42	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 17:42	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:42	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 17:42	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 17:42	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 17:42	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 17:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 17:42	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 17:42	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:42	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 17:42	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 17:42	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:42	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:42	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:42	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 17:42	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 17:42	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 17:42	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 17:42	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 17:42	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 17:42*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*03/05/16 17:42*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 17:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 18:12	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-239
Date Collected: 02/23/16 10:39
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-45
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:01	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:01	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:01	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:01	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:01	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:01	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:01	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:01	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:01	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 18:01	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:01	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:01	1
cis-1,2-Dichloroethene	**0.88**	**I**	1.0	0.65	ug/L			03/05/16 18:01	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:01	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:01	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:01	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:01	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:01	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:01	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:01	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 18:01	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 18:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:01	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:01	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:01	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:01	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:01	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:01	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:01	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:01	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:01	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:01	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:01	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:01	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:01	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:01	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:01	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:01	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:01	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:01	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:01	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:01	1

Client Sample ID: MW-239

Date Collected: 02/23/16 10:39
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-45

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:01	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:01	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:01	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:01	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:01	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:01	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:01	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:01	1
Trichloroethene	**1.0**		1.0	0.61	ug/L			03/05/16 18:01	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 18:01	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:01	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:01	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:01	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/05/16 18:01*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 18:01*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/05/16 18:01*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.3**		2.0	1.0	ug/L			03/01/16 18:31	1

Client Sample ID: MW-249

Date Collected: 02/22/16 11:46
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-46

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:20	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:20	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:20	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:20	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:20	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:20	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:20	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 18:20	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:20	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 18:20	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:20	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-249
Date Collected: 02/22/16 11:46
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-46
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:20	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:20	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:20	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:20	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:20	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:20	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 18:20	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 18:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:20	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:20	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:20	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:20	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:20	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:20	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:20	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:20	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:20	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:20	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:20	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:20	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:20	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:20	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:20	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:20	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:20	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:20	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:20	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:20	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:20	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:20	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:20	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:20	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:20	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:20	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:20	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 18:20	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 18:20	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:20	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:20	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:20	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 18:20*	*1*

Client Sample ID: MW-249

Lab Sample ID: 660-72250-46

Date Collected: 02/22/16 11:46

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*109*		*70 - 130*		*03/05/16 18:20*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 18:20*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 18:51	1

Client Sample ID: MW-250

Lab Sample ID: 660-72250-47

Date Collected: 02/22/16 12:43

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:39	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:39	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:39	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:39	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:39	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:39	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:39	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:39	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:39	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:39	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:39	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:39	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:39	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 18:39	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:39	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:39	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 18:39	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:39	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:39	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:39	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:39	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:39	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:39	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:39	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 18:39	1
1,1-Dichloroethane	**1.7**		1.0	0.52	ug/L			03/05/16 18:39	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:39	1
1,1-Dichloroethene	**1.5**		1.0	0.67	ug/L			03/05/16 18:39	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:39	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:39	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:39	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:39	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:39	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:39	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:39	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:39	1

Client Sample ID: MW-250

Lab Sample ID: 660-72250-47

Date Collected: 02/22/16 12:43

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:39	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:39	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:39	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:39	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:39	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:39	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:39	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:39	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:39	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:39	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:39	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:39	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:39	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:39	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:39	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:39	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:39	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:39	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:39	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:39	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:39	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:39	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:39	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 18:39	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 18:39	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:39	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:39	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:39	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/05/16 18:39*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 18:39*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/05/16 18:39*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**31**		2.0	1.0	ug/L			03/01/16 19:09	1

Client Sample ID: MW-255

Lab Sample ID: 660-72250-48

Date Collected: 02/22/16 13:30

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 20:14	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 20:14	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:14	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 20:14	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:14	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-255
Date Collected: 02/22/16 13:30
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-48
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 20:14	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 20:14	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 20:14	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:14	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 20:14	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 20:14	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:14	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 20:14	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 20:14	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 20:14	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 20:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 20:14	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 20:14	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 20:14	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 20:14	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 20:14	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 20:14	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 20:14	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 20:14	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 20:14	1
1,1-Dichloroethane	**0.95**	**I**	1.0	0.52	ug/L			03/05/16 20:14	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 20:14	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 20:14	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 20:14	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 20:14	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 20:14	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 20:14	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 20:14	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 20:14	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 20:14	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 20:14	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 20:14	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 20:14	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 20:14	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 20:14	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 20:14	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 20:14	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 20:14	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 20:14	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 20:14	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 20:14	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:14	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 20:14	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 20:14	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 20:14	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 20:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 20:14	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 20:14	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 20:14	1

Client Sample ID: MW-255

Lab Sample ID: 660-72250-48

Date Collected: 02/22/16 13:30

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 20:14	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 20:14	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:14	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:14	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:14	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 20:14	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 20:14	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 20:14	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 20:14	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 20:14	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 20:14*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 20:14*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/05/16 20:14*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**14**		2.0	1.0	ug/L			03/01/16 19:28	1

Client Sample ID: Blank-32

Lab Sample ID: 660-72250-49

Date Collected: 02/22/16 13:28

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:58	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:58	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:58	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:58	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:58	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:58	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:58	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:58	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:58	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:58	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:58	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:58	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:58	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 18:58	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:58	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:58	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 18:58	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:58	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:58	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:58	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:58	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:58	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:58	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: Blank-32
Date Collected: 02/22/16 13:28
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-49
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:58	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 18:58	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 18:58	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:58	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:58	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:58	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:58	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:58	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:58	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:58	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:58	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:58	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:58	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:58	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:58	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:58	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:58	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:58	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:58	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:58	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:58	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:58	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:58	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:58	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:58	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:58	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:58	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:58	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:58	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:58	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:58	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:58	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:58	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:58	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:58	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:58	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 18:58	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 18:58	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:58	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:58	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:58	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 18:58*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*03/05/16 18:58*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/05/16 18:58*	*1*

Client Sample ID: Blank-32

Lab Sample ID: 660-72250-49

Date Collected: 02/22/16 13:28

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 19:48	1

Client Sample ID: Blank-33

Lab Sample ID: 660-72250-50

Date Collected: 02/22/16 08:35

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 19:17	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 19:17	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:17	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 19:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:17	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 19:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 19:17	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 19:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:17	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 19:17	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 19:17	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:17	1
Chloroform	**5.1**		1.0	0.90	ug/L			03/05/16 19:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 19:17	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 19:17	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 19:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 19:17	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 19:17	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 19:17	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 19:17	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 19:17	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 19:17	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 19:17	1
Dichlorobromomethane	**0.69**	**I**	1.0	0.44	ug/L			03/05/16 19:17	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 19:17	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 19:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 19:17	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 19:17	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 19:17	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 19:17	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 19:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 19:17	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 19:17	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 19:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 19:17	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 19:17	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 19:17	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 19:17	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 19:17	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 19:17	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 19:17	1

Client Sample ID: Blank-33

Lab Sample ID: 660-72250-50

Date Collected: 02/22/16 08:35

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 19:17	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 19:17	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 19:17	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 19:17	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:17	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 19:17	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 19:17	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 19:17	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 19:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 19:17	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 19:17	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:17	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 19:17	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 19:17	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:17	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:17	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 19:17	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 19:17	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 19:17	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 19:17	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 19:17	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 19:17*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*03/05/16 19:17*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 19:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 20:06	1

Client Sample ID: Blank-34

Lab Sample ID: 660-72250-51

Date Collected: 02/23/16 11:18

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 19:36	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 19:36	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:36	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 19:36	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:36	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 19:36	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 19:36	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 19:36	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:36	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 19:36	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 19:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: Blank-34
Date Collected: 02/23/16 11:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-51
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:36	1
Chloroform	**4.6**		1.0	0.90	ug/L			03/05/16 19:36	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 19:36	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 19:36	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 19:36	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 19:36	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 19:36	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 19:36	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 19:36	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 19:36	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 19:36	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 19:36	1
Dichlorobromomethane	**0.71**	**I**	1.0	0.44	ug/L			03/05/16 19:36	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 19:36	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 19:36	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 19:36	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:36	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 19:36	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 19:36	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 19:36	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 19:36	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 19:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 19:36	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 19:36	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 19:36	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 19:36	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 19:36	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 19:36	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 19:36	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 19:36	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 19:36	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 19:36	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 19:36	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 19:36	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 19:36	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:36	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 19:36	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 19:36	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 19:36	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 19:36	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 19:36	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 19:36	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:36	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 19:36	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 19:36	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:36	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:36	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:36	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 19:36	1

Client Sample ID: Blank-34

Lab Sample ID: 660-72250-51

Date Collected: 02/23/16 11:18

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			03/05/16 19:36	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 19:36	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 19:36	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 19:36	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 19:36*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 19:36*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/05/16 19:36*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 20:24	1

Client Sample ID: T Blank 72250

Lab Sample ID: 660-72250-52

Date Collected: 02/23/16 00:00

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/06/16 21:38	1
Benzene	0.50	U	1.0	0.50	ug/L			03/06/16 21:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/06/16 21:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/06/16 21:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/06/16 21:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/06/16 21:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/06/16 21:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/06/16 21:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/06/16 21:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/06/16 21:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/06/16 21:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/06/16 21:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/06/16 21:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/06/16 21:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/06/16 21:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/06/16 21:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/06/16 21:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/06/16 21:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/06/16 21:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/06/16 21:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/06/16 21:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/06/16 21:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/06/16 21:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/06/16 21:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/06/16 21:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/06/16 21:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/06/16 21:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/06/16 21:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/06/16 21:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: T Blank 72250
Date Collected: 02/23/16 00:00
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-52
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/06/16 21:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/06/16 21:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/06/16 21:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/06/16 21:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/06/16 21:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/06/16 21:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/06/16 21:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/06/16 21:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/06/16 21:38	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/06/16 21:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/06/16 21:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/06/16 21:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/06/16 21:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/06/16 21:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/06/16 21:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/06/16 21:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/06/16 21:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/06/16 21:38	1
Styrene	0.98	U	2.0	0.98	ug/L			03/06/16 21:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/06/16 21:38	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/06/16 21:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/06/16 21:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/06/16 21:38	1
Toluene	0.51	U	1.0	0.51	ug/L			03/06/16 21:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/06/16 21:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/06/16 21:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/06/16 21:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/06/16 21:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/06/16 21:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/06/16 21:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/06/16 21:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/06/16 21:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/06/16 21:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/06/16 21:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/06/16 21:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/06/16 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/06/16 21:38*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/06/16 21:38*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/06/16 21:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 20:43	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: IWI-1
Date Collected: 02/24/16 16:24
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	99	U	200	99	ug/L			03/07/16 16:50	10
Benzene	5.0	U	10	5.0	ug/L			03/07/16 16:50	10
Bromobenzene	5.8	U	10	5.8	ug/L			03/07/16 16:50	10
Bromoform	6.3	U	10	6.3	ug/L			03/07/16 16:50	10
Bromomethane	25	U	50	25	ug/L			03/07/16 16:50	10
2-Butanone (MEK)	84	U	100	84	ug/L			03/07/16 16:50	10
Carbon disulfide	10	U	20	10	ug/L			03/07/16 16:50	10
Carbon tetrachloride	4.3	U	10	4.3	ug/L			03/07/16 16:50	10
Chlorobenzene	6.3	U	10	6.3	ug/L			03/07/16 16:50	10
Chlorobromomethane	5.8	U	10	5.8	ug/L			03/07/16 16:50	10
Chlorodibromomethane	3.1	U	10	3.1	ug/L			03/07/16 16:50	10
Chloroethane	25	U	50	25	ug/L			03/07/16 16:50	10
Chloroform	9.0	U	10	9.0	ug/L			03/07/16 16:50	10
Chloromethane	10	U	40	10	ug/L			03/07/16 16:50	10
2-Chlorotoluene	6.5	U	10	6.5	ug/L			03/07/16 16:50	10
4-Chlorotoluene	5.2	U	10	5.2	ug/L			03/07/16 16:50	10
cis-1,3-Dichloropropene	3.9	U	10	3.9	ug/L			03/07/16 16:50	10
1,2-Dibromo-3-Chloropropane	25	U	50	25	ug/L			03/07/16 16:50	10
Dibromomethane	4.6	U	10	4.6	ug/L			03/07/16 16:50	10
1,2-Dichlorobenzene	4.9	U	10	4.9	ug/L			03/07/16 16:50	10
1,3-Dichlorobenzene	6.4	U	10	6.4	ug/L			03/07/16 16:50	10
1,4-Dichlorobenzene	6.0	U	10	6.0	ug/L			03/07/16 16:50	10
Dichlorobromomethane	4.4	U	10	4.4	ug/L			03/07/16 16:50	10
Dichlorodifluoromethane	25	U	50	25	ug/L			03/07/16 16:50	10
1,1-Dichloroethane	**30**		10	5.2	ug/L			03/07/16 16:50	10
1,2-Dichloroethane	5.7	U	10	5.7	ug/L			03/07/16 16:50	10
1,1-Dichloroethene	**130**		10	6.7	ug/L			03/07/16 16:50	10
1,2-Dichloropropane	5.2	U	10	5.2	ug/L			03/07/16 16:50	10
1,3-Dichloropropane	4.2	U	10	4.2	ug/L			03/07/16 16:50	10
2,2-Dichloropropane	3.6	U	10	3.6	ug/L			03/07/16 16:50	10
1,1-Dichloropropene	6.5	U	10	6.5	ug/L			03/07/16 16:50	10
Ethylbenzene	4.4	U	10	4.4	ug/L			03/07/16 16:50	10
Ethylene Dibromide	5.0	U	10	5.0	ug/L			03/07/16 16:50	10
Hexachlorobutadiene	3.4	U	10	3.4	ug/L			03/07/16 16:50	10
2-Hexanone	44	U	100	44	ug/L			03/07/16 16:50	10
Isopropylbenzene	5.2	U	10	5.2	ug/L			03/07/16 16:50	10
4-Isopropyltoluene	6.9	U	10	6.9	ug/L			03/07/16 16:50	10
Methylene Chloride	40	U	50	40	ug/L			03/07/16 16:50	10
4-Methyl-2-pentanone (MIBK)	40	U	100	40	ug/L			03/07/16 16:50	10
Methyl tert-butyl ether	4.4	U	10	4.4	ug/L			03/07/16 16:50	10
m-Xylene & p-Xylene	6.0	U	20	6.0	ug/L			03/07/16 16:50	10
Naphthalene	25	U	50	25	ug/L			03/07/16 16:50	10
n-Butylbenzene	6.7	U	10	6.7	ug/L			03/07/16 16:50	10
N-Propylbenzene	5.9	U	10	5.9	ug/L			03/07/16 16:50	10
o-Xylene	5.0	U	10	5.0	ug/L			03/07/16 16:50	10
sec-Butylbenzene	6.3	U	10	6.3	ug/L			03/07/16 16:50	10
Styrene	9.8	U	20	9.8	ug/L			03/07/16 16:50	10
tert-Butylbenzene	8.4	U	10	8.4	ug/L			03/07/16 16:50	10
1,1,1,2-Tetrachloroethane	6.3	U	10	6.3	ug/L			03/07/16 16:50	10

Client Sample ID: IWI-1

Date Collected: 02/24/16 16:24
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	1.7	U	10	1.7	ug/L			03/07/16 16:50	10
Tetrachloroethene	5.0	U	10	5.0	ug/L			03/07/16 16:50	10
Toluene	5.1	U	10	5.1	ug/L			03/07/16 16:50	10
trans-1,2-Dichloroethene	6.7	U	10	6.7	ug/L			03/07/16 16:50	10
trans-1,3-Dichloropropene	2.7	U	10	2.7	ug/L			03/07/16 16:50	10
1,2,3-Trichlorobenzene	7.7	U	10	7.7	ug/L			03/07/16 16:50	10
1,2,4-Trichlorobenzene	5.8	U	10	5.8	ug/L			03/07/16 16:50	10
1,1,1-Trichloroethane	4.7	U	10	4.7	ug/L			03/07/16 16:50	10
1,1,2-Trichloroethane	4.7	U	10	4.7	ug/L			03/07/16 16:50	10
Trichloroethene	**22**		10	6.1	ug/L			03/07/16 16:50	10
Trichlorofluoromethane	25	U	50	25	ug/L			03/07/16 16:50	10
1,2,3-Trichloropropane	4.4	U	10	4.4	ug/L			03/07/16 16:50	10
1,2,4-Trimethylbenzene	8.6	U	10	8.6	ug/L			03/07/16 16:50	10
1,3,5-Trimethylbenzene	5.4	U	10	5.4	ug/L			03/07/16 16:50	10
Vinyl chloride	**360**		10	7.1	ug/L			03/07/16 16:50	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/07/16 16:50*	*10*
Dibromofluoromethane	*103*		*70 - 130*		*03/07/16 16:50*	*10*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/07/16 16:50*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**1400**		100	65	ug/L			03/07/16 16:13	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/07/16 16:13*	*100*
Dibromofluoromethane	*103*		*70 - 130*		*03/07/16 16:13*	*100*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/07/16 16:13*	*100*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**190**	**J3**	10	5.0	ug/L			03/02/16 14:50	5

Client Sample ID: MW-19

Date Collected: 02/24/16 11:45
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 10:34	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 10:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 10:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 10:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 10:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 10:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 10:34	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 10:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 10:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 10:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 10:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-19
Date Collected: 02/24/16 11:45
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 10:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 10:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 10:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 10:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 10:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 10:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 10:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 10:34	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 10:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 10:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 10:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 10:34	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 10:34	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 10:34	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 10:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 10:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 10:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 10:34	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 10:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 10:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 10:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 10:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 10:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 10:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 10:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 10:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 10:34	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 10:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 10:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 10:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 10:34	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 10:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 10:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 10:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 10:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 10:34	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 10:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 10:34	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 10:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 10:34	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/07/16 10:34	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 10:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 10:34	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 10:34	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 10:34	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 10:34	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 10:34	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 10:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/07/16 10:34	1

Client Sample ID: MW-19

Date Collected: 02/24/16 11:45
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 10:34	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 10:34	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 10:34	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 10:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/07/16 10:34*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/07/16 10:34*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/07/16 10:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 16:08	1

Client Sample ID: MW-23

Date Collected: 02/24/16 11:05
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 10:53	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 10:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 10:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 10:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 10:53	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 10:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 10:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 10:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 10:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 10:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 10:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 10:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 10:53	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 10:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 10:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 10:53	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 10:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 10:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 10:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 10:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 10:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 10:53	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 10:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 10:53	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 10:53	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 10:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 10:53	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 10:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 10:53	1

Client Sample ID: MW-23
Date Collected: 02/24/16 11:05
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 10:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 10:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 10:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 10:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 10:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 10:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 10:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 10:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 10:53	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 10:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 10:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 10:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 10:53	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 10:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 10:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 10:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 10:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 10:53	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 10:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 10:53	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 10:53	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 10:53	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/07/16 10:53	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 10:53	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 10:53	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 10:53	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 10:53	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 10:53	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 10:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 10:53	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/07/16 10:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 10:53	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 10:53	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 10:53	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 10:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 10:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/07/16 10:53*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/07/16 10:53*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/07/16 10:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.7**	**I**	2.0	1.0	ug/L			03/02/16 16:27	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-32
Date Collected: 02/25/16 08:58
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 12:31	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 12:31	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 12:31	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 12:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 12:31	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 12:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 12:31	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 12:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 12:31	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 12:31	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 12:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 12:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 12:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 12:31	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 12:31	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 12:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 12:31	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 12:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 12:31	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 12:31	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 12:31	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 12:31	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 12:31	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 12:31	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 12:31	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 12:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 12:31	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 12:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 12:31	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 12:31	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 12:31	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 12:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 12:31	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 12:31	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 12:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 12:31	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 12:31	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 12:31	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 12:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 12:31	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 12:31	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 12:31	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 12:31	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 12:31	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 12:31	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 12:31	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 12:31	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 12:31	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 12:31	1

Client Sample ID: MW-32

Lab Sample ID: 660-72281-4

Date Collected: 02/25/16 08:58

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 12:31	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 12:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/07/16 12:31	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 12:31	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 12:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 12:31	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 12:31	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 12:31	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 12:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 12:31	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/07/16 12:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 12:31	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 12:31	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 12:31	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 12:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/07/16 12:31*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/07/16 12:31*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/07/16 12:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 16:45	1

Client Sample ID: MW-36

Lab Sample ID: 660-72281-5

Date Collected: 02/25/16 07:45

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 12:49	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 12:49	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 12:49	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 12:49	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 12:49	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 12:49	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 12:49	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 12:49	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 12:49	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 12:49	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 12:49	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 12:49	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 12:49	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 12:49	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 12:49	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 12:49	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 12:49	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 12:49	1

Client Sample ID: MW-36
Date Collected: 02/25/16 07:45
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 12:49	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 12:49	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 12:49	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 12:49	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 12:49	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 12:49	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 12:49	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 12:49	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 12:49	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 12:49	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 12:49	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 12:49	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 12:49	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 12:49	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 12:49	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 12:49	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 12:49	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 12:49	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 12:49	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 12:49	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 12:49	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 12:49	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 12:49	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 12:49	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 12:49	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 12:49	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 12:49	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 12:49	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 12:49	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 12:49	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 12:49	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 12:49	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 12:49	1
Tetrachloroethene	**1.8**		1.0	0.50	ug/L			03/07/16 12:49	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 12:49	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 12:49	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 12:49	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 12:49	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 12:49	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 12:49	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 12:49	1
Trichloroethene	**3.6**		1.0	0.61	ug/L			03/07/16 12:49	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 12:49	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 12:49	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 12:49	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 12:49	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/07/16 12:49*	*1*

Client Sample ID: MW-36

Lab Sample ID: 660-72281-5

Date Collected: 02/25/16 07:45

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*100*		*70 - 130*		*03/07/16 12:49*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/07/16 12:49*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 17:04	1

Client Sample ID: MW-40

Lab Sample ID: 660-72281-6

Date Collected: 02/25/16 08:35

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 13:08	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 13:08	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 13:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 13:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 13:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 13:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 13:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 13:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 13:08	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 13:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 13:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 13:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 13:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 13:08	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 13:08	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 13:08	1
cis-1,2-Dichloroethene	**3.3**		1.0	0.65	ug/L			03/07/16 13:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 13:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 13:08	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 13:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 13:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 13:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 13:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 13:08	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 13:08	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 13:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 13:08	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 13:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 13:08	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 13:08	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 13:08	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 13:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 13:08	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 13:08	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 13:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 13:08	1

Client Sample ID: MW-40

Date Collected: 02/25/16 08:35
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 13:08	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 13:08	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 13:08	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 13:08	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 13:08	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 13:08	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 13:08	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 13:08	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 13:08	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 13:08	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 13:08	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 13:08	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 13:08	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 13:08	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 13:08	1
Tetrachloroethene	**21**		1.0	0.50	ug/L			03/07/16 13:08	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 13:08	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 13:08	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 13:08	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 13:08	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 13:08	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 13:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 13:08	1
Trichloroethene	**12**		1.0	0.61	ug/L			03/07/16 13:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 13:08	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 13:08	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 13:08	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 13:08	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/07/16 13:08*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/07/16 13:08*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/07/16 13:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 17:22	1

Client Sample ID: MW-41

Date Collected: 02/24/16 09:04
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	100	50	ug/L			03/08/16 14:45	5
Benzene	2.5	U	5.0	2.5	ug/L			03/08/16 14:45	5
Bromobenzene	2.9	U	5.0	2.9	ug/L			03/08/16 14:45	5
Bromoform	3.2	U	5.0	3.2	ug/L			03/08/16 14:45	5
Bromomethane	13	U	25	13	ug/L			03/08/16 14:45	5

Client Sample ID: MW-41

Date Collected: 02/24/16 09:04
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	42	U	50	42	ug/L			03/08/16 14:45	5
Carbon disulfide	5.0	U	10	5.0	ug/L			03/08/16 14:45	5
Carbon tetrachloride	2.2	U	5.0	2.2	ug/L			03/08/16 14:45	5
Chlorobenzene	3.2	U	5.0	3.2	ug/L			03/08/16 14:45	5
Chlorobromomethane	2.9	U	5.0	2.9	ug/L			03/08/16 14:45	5
Chlorodibromomethane	1.6	U	5.0	1.6	ug/L			03/08/16 14:45	5
Chloroethane	13	U	25	13	ug/L			03/08/16 14:45	5
Chloroform	4.5	U	5.0	4.5	ug/L			03/08/16 14:45	5
Chloromethane	5.0	U	20	5.0	ug/L			03/08/16 14:45	5
2-Chlorotoluene	3.3	U	5.0	3.3	ug/L			03/08/16 14:45	5
4-Chlorotoluene	2.6	U	5.0	2.6	ug/L			03/08/16 14:45	5
cis-1,2-Dichloroethene	**100**		5.0	3.3	ug/L			03/08/16 14:45	5
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/L			03/08/16 14:45	5
1,2-Dibromo-3-Chloropropane	13	U	25	13	ug/L			03/08/16 14:45	5
Dibromomethane	2.3	U	5.0	2.3	ug/L			03/08/16 14:45	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			03/08/16 14:45	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			03/08/16 14:45	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			03/08/16 14:45	5
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			03/08/16 14:45	5
Dichlorodifluoromethane	13	U	25	13	ug/L			03/08/16 14:45	5
1,1-Dichloroethane	**46**		5.0	2.6	ug/L			03/08/16 14:45	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			03/08/16 14:45	5
1,1-Dichloroethene	**61**		5.0	3.4	ug/L			03/08/16 14:45	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			03/08/16 14:45	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			03/08/16 14:45	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			03/08/16 14:45	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			03/08/16 14:45	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			03/08/16 14:45	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			03/08/16 14:45	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			03/08/16 14:45	5
2-Hexanone	22	U	50	22	ug/L			03/08/16 14:45	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			03/08/16 14:45	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			03/08/16 14:45	5
Methylene Chloride	20	U	25	20	ug/L			03/08/16 14:45	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			03/08/16 14:45	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			03/08/16 14:45	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			03/08/16 14:45	5
Naphthalene	13	U	25	13	ug/L			03/08/16 14:45	5
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			03/08/16 14:45	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			03/08/16 14:45	5
o-Xylene	2.5	U	5.0	2.5	ug/L			03/08/16 14:45	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			03/08/16 14:45	5
Styrene	4.9	U	10	4.9	ug/L			03/08/16 14:45	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			03/08/16 14:45	5
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			03/08/16 14:45	5
1,1,2,2-Tetrachloroethane	0.85	U	5.0	0.85	ug/L			03/08/16 14:45	5
Tetrachloroethene	**3.1**	**I**	5.0	2.5	ug/L			03/08/16 14:45	5
Toluene	2.6	U	5.0	2.6	ug/L			03/08/16 14:45	5
trans-1,2-Dichloroethene	3.4	U	5.0	3.4	ug/L			03/08/16 14:45	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-41

Date Collected: 02/24/16 09:04
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.4	U	5.0	1.4	ug/L			03/08/16 14:45	5
1,2,3-Trichlorobenzene	3.9	U	5.0	3.9	ug/L			03/08/16 14:45	5
1,2,4-Trichlorobenzene	2.9	U	5.0	2.9	ug/L			03/08/16 14:45	5
1,1,1-Trichloroethane	2.4	U	5.0	2.4	ug/L			03/08/16 14:45	5
1,1,2-Trichloroethane	2.4	U	5.0	2.4	ug/L			03/08/16 14:45	5
Trichloroethene	**400**		5.0	3.1	ug/L			03/08/16 14:45	5
Trichlorofluoromethane	13	U	25	13	ug/L			03/08/16 14:45	5
1,2,3-Trichloropropane	2.2	U	5.0	2.2	ug/L			03/08/16 14:45	5
1,2,4-Trimethylbenzene	4.3	U	5.0	4.3	ug/L			03/08/16 14:45	5
1,3,5-Trimethylbenzene	2.7	U	5.0	2.7	ug/L			03/08/16 14:45	5
Vinyl chloride	3.6	U	5.0	3.6	ug/L			03/08/16 14:45	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/08/16 14:45*	*5*
Dibromofluoromethane	*106*		*70 - 130*		*03/08/16 14:45*	*5*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/08/16 14:45*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**300**		20	10	ug/L			03/02/16 20:51	10

Client Sample ID: MW-42

Date Collected: 02/25/16 08:07
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 13:26	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 13:26	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 13:26	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 13:26	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 13:26	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 13:26	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 13:26	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 13:26	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 13:26	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 13:26	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 13:26	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 13:26	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 13:26	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 13:26	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 13:26	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 13:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 13:26	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 13:26	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 13:26	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 13:26	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 13:26	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 13:26	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 13:26	1

Client Sample ID: MW-42
Date Collected: 02/25/16 08:07
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 13:26	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 13:26	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 13:26	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 13:26	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 13:26	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 13:26	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 13:26	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 13:26	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 13:26	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 13:26	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 13:26	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 13:26	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 13:26	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 13:26	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 13:26	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 13:26	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 13:26	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 13:26	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 13:26	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 13:26	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 13:26	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 13:26	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 13:26	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 13:26	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 13:26	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 13:26	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 13:26	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 13:26	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/07/16 13:26	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 13:26	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 13:26	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 13:26	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 13:26	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 13:26	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 13:26	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 13:26	1
Trichloroethene	**1.7**		1.0	0.61	ug/L			03/07/16 13:26	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 13:26	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 13:26	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 13:26	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 13:26	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/07/16 13:26*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*03/07/16 13:26*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/07/16 13:26*	*1*

Client Sample ID: MW-42

Lab Sample ID: 660-72281-8

Date Collected: 02/25/16 08:07

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 17:41	1

Client Sample ID: MW-44

Lab Sample ID: 660-72281-9

Date Collected: 02/24/16 07:36

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 13:44	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 13:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 13:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 13:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 13:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 13:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 13:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 13:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 13:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 13:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 13:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 13:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 13:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 13:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 13:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 13:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 13:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 13:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 13:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 13:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 13:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 13:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 13:44	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 13:44	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 13:44	1
1,1-Dichloroethane	**0.74**	**I**	1.0	0.52	ug/L			03/07/16 13:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 13:44	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 13:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 13:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 13:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 13:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 13:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 13:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 13:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 13:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 13:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 13:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 13:44	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 13:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 13:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 13:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 13:44	1

Client Sample ID: MW-44

Date Collected: 02/24/16 07:36
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 13:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 13:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 13:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 13:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 13:44	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 13:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 13:44	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 13:44	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 13:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/07/16 13:44	1
Toluene	**0.56**	**I**	1.0	0.51	ug/L			03/07/16 13:44	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 13:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 13:44	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 13:44	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 13:44	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 13:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 13:44	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/07/16 13:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 13:44	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 13:44	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 13:44	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 13:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/07/16 13:44*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*03/07/16 13:44*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/07/16 13:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 17:59	1

Client Sample ID: MW-45

Date Collected: 02/25/16 09:34
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 14:03	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 14:03	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 14:03	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 14:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:03	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 14:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 14:03	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 14:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 14:03	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 14:03	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 14:03	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-45
Date Collected: 02/25/16 09:34
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 14:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 14:03	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 14:03	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 14:03	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 14:03	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 14:03	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 14:03	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 14:03	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 14:03	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 14:03	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 14:03	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 14:03	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:03	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 14:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 14:03	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 14:03	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 14:03	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 14:03	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 14:03	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 14:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 14:03	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 14:03	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 14:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 14:03	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 14:03	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 14:03	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 14:03	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 14:03	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 14:03	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 14:03	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 14:03	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 14:03	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 14:03	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 14:03	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 14:03	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 14:03	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 14:03	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 14:03	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 14:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/07/16 14:03	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 14:03	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 14:03	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 14:03	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 14:03	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 14:03	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 14:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 14:03	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/07/16 14:03	1

Client Sample ID: MW-45

Date Collected: 02/25/16 09:34
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:03	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 14:03	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 14:03	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 14:03	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/07/16 14:03*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/07/16 14:03*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/07/16 14:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 18:18	1

Client Sample ID: MW-71

Date Collected: 02/24/16 16:27
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 14:21	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 14:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 14:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 14:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 14:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 14:21	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 14:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 14:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 14:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 14:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 14:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 14:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 14:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 14:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 14:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 14:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 14:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 14:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 14:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 14:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 14:21	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 14:21	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:21	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 14:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 14:21	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 14:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 14:21	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-71
Date Collected: 02/24/16 16:27
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 14:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 14:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 14:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 14:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 14:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 14:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 14:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 14:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 14:21	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 14:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 14:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 14:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 14:21	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 14:21	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 14:21	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 14:21	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 14:21	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 14:21	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 14:21	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 14:21	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 14:21	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 14:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/07/16 14:21	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 14:21	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 14:21	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 14:21	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 14:21	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 14:21	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 14:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 14:21	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/07/16 14:21	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:21	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 14:21	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 14:21	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 14:21	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/07/16 14:21*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/07/16 14:21*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/07/16 14:21*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 18:39	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-128
Date Collected: 02/24/16 15:09
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 14:40	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 14:40	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 14:40	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 14:40	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:40	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 14:40	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 14:40	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 14:40	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 14:40	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 14:40	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 14:40	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:40	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 14:40	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 14:40	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 14:40	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 14:40	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 14:40	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 14:40	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 14:40	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 14:40	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 14:40	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 14:40	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 14:40	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 14:40	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:40	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 14:40	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 14:40	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 14:40	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 14:40	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 14:40	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 14:40	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 14:40	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 14:40	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 14:40	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 14:40	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 14:40	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 14:40	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 14:40	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 14:40	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 14:40	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 14:40	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 14:40	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 14:40	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 14:40	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 14:40	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 14:40	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 14:40	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 14:40	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 14:40	1

Client Sample ID: MW-128

Date Collected: 02/24/16 15:09
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 14:40	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 14:40	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/07/16 14:40	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 14:40	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 14:40	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 14:40	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 14:40	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 14:40	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 14:40	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 14:40	1
Trichloroethene	**1.5**		1.0	0.61	ug/L			03/07/16 14:40	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:40	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 14:40	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 14:40	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 14:40	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/07/16 14:40*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/07/16 14:40*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/07/16 14:40*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.7**	**I**	2.0	1.0	ug/L			03/02/16 18:58	1

Client Sample ID: MW-129

Date Collected: 02/25/16 09:06
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 14:58	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 14:58	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 14:58	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 14:58	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:58	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 14:58	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 14:58	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 14:58	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 14:58	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 14:58	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 14:58	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:58	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 14:58	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 14:58	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 14:58	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 14:58	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 14:58	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 14:58	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-129
Date Collected: 02/25/16 09:06
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 14:58	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 14:58	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 14:58	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 14:58	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 14:58	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 14:58	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:58	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 14:58	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 14:58	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 14:58	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 14:58	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 14:58	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 14:58	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 14:58	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 14:58	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 14:58	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 14:58	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 14:58	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 14:58	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 14:58	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 14:58	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 14:58	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 14:58	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 14:58	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 14:58	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 14:58	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 14:58	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 14:58	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 14:58	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 14:58	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 14:58	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 14:58	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 14:58	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/07/16 14:58	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 14:58	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 14:58	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 14:58	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 14:58	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 14:58	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 14:58	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 14:58	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/07/16 14:58	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 14:58	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 14:58	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 14:58	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 14:58	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/07/16 14:58*	*1*

Client Sample ID: MW-129

Lab Sample ID: 660-72281-13

Date Collected: 02/25/16 09:06

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*103*		*70 - 130*		*03/07/16 14:58*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/07/16 14:58*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 19:16	1

Client Sample ID: MW-134

Lab Sample ID: 660-72281-14

Date Collected: 02/24/16 14:17

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 15:17	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 15:17	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 15:17	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 15:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 15:17	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 15:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 15:17	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 15:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 15:17	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 15:17	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 15:17	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 15:17	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 15:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 15:17	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 15:17	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 15:17	1
cis-1,2-Dichloroethene	**29**		1.0	0.65	ug/L			03/07/16 15:17	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 15:17	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 15:17	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 15:17	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 15:17	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 15:17	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 15:17	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 15:17	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 15:17	1
1,1-Dichloroethane	**13**		1.0	0.52	ug/L			03/07/16 15:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 15:17	1
1,1-Dichloroethene	**23**		1.0	0.67	ug/L			03/07/16 15:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 15:17	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 15:17	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 15:17	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 15:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 15:17	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 15:17	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 15:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 15:17	1

Client Sample ID: MW-134

Date Collected: 02/24/16 14:17
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-14

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 15:17	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 15:17	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 15:17	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 15:17	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 15:17	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 15:17	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 15:17	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 15:17	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 15:17	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 15:17	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 15:17	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 15:17	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 15:17	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 15:17	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 15:17	1
Tetrachloroethene	**0.61**	**I**	1.0	0.50	ug/L			03/07/16 15:17	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 15:17	1
trans-1,2-Dichloroethene	**1.6**		1.0	0.67	ug/L			03/07/16 15:17	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 15:17	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 15:17	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 15:17	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 15:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 15:17	1
Trichloroethene	**18**		1.0	0.61	ug/L			03/07/16 15:17	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 15:17	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 15:17	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 15:17	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 15:17	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/07/16 15:17*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/07/16 15:17*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/07/16 15:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**88**		2.0	1.0	ug/L			03/02/16 21:29	1

Client Sample ID: MW-158

Date Collected: 02/24/16 15:11
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-15

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 15:35	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 15:35	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 15:35	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 15:35	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 15:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-158
Date Collected: 02/24/16 15:11
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 15:35	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 15:35	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 15:35	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 15:35	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 15:35	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 15:35	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 15:35	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 15:35	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 15:35	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 15:35	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 15:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 15:35	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 15:35	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 15:35	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 15:35	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 15:35	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 15:35	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 15:35	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 15:35	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 15:35	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 15:35	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 15:35	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 15:35	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 15:35	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 15:35	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 15:35	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 15:35	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 15:35	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 15:35	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 15:35	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 15:35	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 15:35	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 15:35	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 15:35	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 15:35	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 15:35	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 15:35	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 15:35	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 15:35	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 15:35	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 15:35	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 15:35	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 15:35	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 15:35	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 15:35	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 15:35	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/07/16 15:35	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 15:35	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 15:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-158

Lab Sample ID: 660-72281-15

Date Collected: 02/24/16 15:11

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 15:35	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 15:35	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 15:35	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 15:35	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 15:35	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/07/16 15:35	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 15:35	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 15:35	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 15:35	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 15:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/07/16 15:35*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/07/16 15:35*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/07/16 15:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.8**		2.0	1.0	ug/L			03/02/16 19:35	1

Client Sample ID: MW-233

Lab Sample ID: 660-72281-16

Date Collected: 02/24/16 15:47

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 15:54	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 15:54	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 15:54	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 15:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 15:54	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 15:54	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 15:54	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 15:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 15:54	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 15:54	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 15:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 15:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 15:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 15:54	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 15:54	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 15:54	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 15:54	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 15:54	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 15:54	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 15:54	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 15:54	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 15:54	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 15:54	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-233
Date Collected: 02/24/16 15:47
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 15:54	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 15:54	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 15:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 15:54	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 15:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 15:54	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 15:54	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 15:54	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 15:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 15:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 15:54	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 15:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 15:54	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 15:54	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 15:54	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 15:54	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 15:54	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 15:54	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 15:54	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 15:54	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 15:54	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 15:54	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 15:54	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 15:54	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 15:54	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 15:54	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 15:54	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 15:54	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/07/16 15:54	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 15:54	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 15:54	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 15:54	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 15:54	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 15:54	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 15:54	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 15:54	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/07/16 15:54	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 15:54	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 15:54	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 15:54	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 15:54	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/07/16 15:54*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/07/16 15:54*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/07/16 15:54*	*1*

Client Sample ID: MW-233

Lab Sample ID: 660-72281-16

Date Collected: 02/24/16 15:47

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 19:53	1

Client Sample ID: MW-253

Lab Sample ID: 660-72281-17

Date Collected: 02/24/16 14:10

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	100	50	ug/L			03/07/16 17:08	5
Benzene	2.5	U	5.0	2.5	ug/L			03/07/16 17:08	5
Bromobenzene	2.9	U	5.0	2.9	ug/L			03/07/16 17:08	5
Bromoform	3.2	U	5.0	3.2	ug/L			03/07/16 17:08	5
Bromomethane	13	U	25	13	ug/L			03/07/16 17:08	5
2-Butanone (MEK)	42	U	50	42	ug/L			03/07/16 17:08	5
Carbon disulfide	5.0	U	10	5.0	ug/L			03/07/16 17:08	5
Carbon tetrachloride	2.2	U	5.0	2.2	ug/L			03/07/16 17:08	5
Chlorobenzene	3.2	U	5.0	3.2	ug/L			03/07/16 17:08	5
Chlorobromomethane	2.9	U	5.0	2.9	ug/L			03/07/16 17:08	5
Chlorodibromomethane	1.6	U	5.0	1.6	ug/L			03/07/16 17:08	5
Chloroethane	13	U	25	13	ug/L			03/07/16 17:08	5
Chloroform	4.5	U	5.0	4.5	ug/L			03/07/16 17:08	5
Chloromethane	5.0	U	20	5.0	ug/L			03/07/16 17:08	5
2-Chlorotoluene	3.3	U	5.0	3.3	ug/L			03/07/16 17:08	5
4-Chlorotoluene	2.6	U	5.0	2.6	ug/L			03/07/16 17:08	5
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/L			03/07/16 17:08	5
1,2-Dibromo-3-Chloropropane	13	U	25	13	ug/L			03/07/16 17:08	5
Dibromomethane	2.3	U	5.0	2.3	ug/L			03/07/16 17:08	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			03/07/16 17:08	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			03/07/16 17:08	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			03/07/16 17:08	5
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			03/07/16 17:08	5
Dichlorodifluoromethane	13	U	25	13	ug/L			03/07/16 17:08	5
1,1-Dichloroethane	**10**		5.0	2.6	ug/L			03/07/16 17:08	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			03/07/16 17:08	5
1,1-Dichloroethene	**52**		5.0	3.4	ug/L			03/07/16 17:08	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			03/07/16 17:08	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			03/07/16 17:08	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			03/07/16 17:08	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			03/07/16 17:08	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			03/07/16 17:08	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			03/07/16 17:08	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			03/07/16 17:08	5
2-Hexanone	22	U	50	22	ug/L			03/07/16 17:08	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			03/07/16 17:08	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			03/07/16 17:08	5
Methylene Chloride	20	U	25	20	ug/L			03/07/16 17:08	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			03/07/16 17:08	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			03/07/16 17:08	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			03/07/16 17:08	5
Naphthalene	13	U	25	13	ug/L			03/07/16 17:08	5

Client Sample ID: MW-253

Date Collected: 02/24/16 14:10
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-17

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			03/07/16 17:08	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			03/07/16 17:08	5
o-Xylene	2.5	U	5.0	2.5	ug/L			03/07/16 17:08	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			03/07/16 17:08	5
Styrene	4.9	U	10	4.9	ug/L			03/07/16 17:08	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			03/07/16 17:08	5
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			03/07/16 17:08	5
1,1,2,2-Tetrachloroethane	0.85	U	5.0	0.85	ug/L			03/07/16 17:08	5
Tetrachloroethene	2.5	U	5.0	2.5	ug/L			03/07/16 17:08	5
Toluene	2.6	U	5.0	2.6	ug/L			03/07/16 17:08	5
trans-1,2-Dichloroethene	3.4	U	5.0	3.4	ug/L			03/07/16 17:08	5
trans-1,3-Dichloropropene	1.4	U	5.0	1.4	ug/L			03/07/16 17:08	5
1,2,3-Trichlorobenzene	3.9	U	5.0	3.9	ug/L			03/07/16 17:08	5
1,2,4-Trichlorobenzene	2.9	U	5.0	2.9	ug/L			03/07/16 17:08	5
1,1,1-Trichloroethane	2.4	U	5.0	2.4	ug/L			03/07/16 17:08	5
1,1,2-Trichloroethane	2.4	U	5.0	2.4	ug/L			03/07/16 17:08	5
Trichloroethene	**25**		5.0	3.1	ug/L			03/07/16 17:08	5
Trichlorofluoromethane	13	U	25	13	ug/L			03/07/16 17:08	5
1,2,3-Trichloropropane	2.2	U	5.0	2.2	ug/L			03/07/16 17:08	5
1,2,4-Trimethylbenzene	4.3	U	5.0	4.3	ug/L			03/07/16 17:08	5
1,3,5-Trimethylbenzene	2.7	U	5.0	2.7	ug/L			03/07/16 17:08	5
Vinyl chloride	3.6	U	5.0	3.6	ug/L			03/07/16 17:08	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/07/16 17:08*	*5*
Dibromofluoromethane	*104*		*70 - 130*		*03/07/16 17:08*	*5*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/07/16 17:08*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**520**		50	33	ug/L			03/07/16 16:31	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/07/16 16:31*	*50*
Dibromofluoromethane	*103*		*70 - 130*		*03/07/16 16:31*	*50*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/07/16 16:31*	*50*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**65**		4.0	2.0	ug/L			03/02/16 21:10	2

Client Sample ID: MW-254

Date Collected: 02/25/16 09:20
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-18

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	40	20	ug/L			03/08/16 16:18	2
Benzene	1.0	U	2.0	1.0	ug/L			03/08/16 16:18	2
Bromobenzene	1.2	U	2.0	1.2	ug/L			03/08/16 16:18	2
Bromoform	1.3	U	2.0	1.3	ug/L			03/08/16 16:18	2

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-254
Date Collected: 02/25/16 09:20
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	5.0	U	10	5.0	ug/L			03/08/16 16:18	2
2-Butanone (MEK)	17	U	20	17	ug/L			03/08/16 16:18	2
Carbon disulfide	2.0	U	4.0	2.0	ug/L			03/08/16 16:18	2
Carbon tetrachloride	0.86	U	2.0	0.86	ug/L			03/08/16 16:18	2
Chlorobenzene	1.3	U	2.0	1.3	ug/L			03/08/16 16:18	2
Chlorobromomethane	1.2	U	2.0	1.2	ug/L			03/08/16 16:18	2
Chlorodibromomethane	0.62	U	2.0	0.62	ug/L			03/08/16 16:18	2
Chloroethane	5.0	U	10	5.0	ug/L			03/08/16 16:18	2
Chloroform	1.8	U	2.0	1.8	ug/L			03/08/16 16:18	2
Chloromethane	2.0	U	8.0	2.0	ug/L			03/08/16 16:18	2
2-Chlorotoluene	1.3	U	2.0	1.3	ug/L			03/08/16 16:18	2
4-Chlorotoluene	1.0	U	2.0	1.0	ug/L			03/08/16 16:18	2
cis-1,2-Dichloroethene	**6.8**		2.0	1.3	ug/L			03/08/16 16:18	2
cis-1,3-Dichloropropene	0.78	U	2.0	0.78	ug/L			03/08/16 16:18	2
1,2-Dibromo-3-Chloropropane	5.0	U	10	5.0	ug/L			03/08/16 16:18	2
Dibromomethane	0.92	U	2.0	0.92	ug/L			03/08/16 16:18	2
1,2-Dichlorobenzene	0.98	U	2.0	0.98	ug/L			03/08/16 16:18	2
1,3-Dichlorobenzene	1.3	U	2.0	1.3	ug/L			03/08/16 16:18	2
1,4-Dichlorobenzene	1.2	U	2.0	1.2	ug/L			03/08/16 16:18	2
Dichlorobromomethane	0.88	U	2.0	0.88	ug/L			03/08/16 16:18	2
Dichlorodifluoromethane	5.0	U	10	5.0	ug/L			03/08/16 16:18	2
1,1-Dichloroethane	1.0	U	2.0	1.0	ug/L			03/08/16 16:18	2
1,2-Dichloroethane	1.1	U	2.0	1.1	ug/L			03/08/16 16:18	2
1,1-Dichloroethene	1.3	U	2.0	1.3	ug/L			03/08/16 16:18	2
1,2-Dichloropropane	1.0	U	2.0	1.0	ug/L			03/08/16 16:18	2
1,3-Dichloropropane	0.84	U	2.0	0.84	ug/L			03/08/16 16:18	2
2,2-Dichloropropane	0.72	U	2.0	0.72	ug/L			03/08/16 16:18	2
1,1-Dichloropropene	1.3	U	2.0	1.3	ug/L			03/08/16 16:18	2
Ethylbenzene	0.88	U	2.0	0.88	ug/L			03/08/16 16:18	2
Ethylene Dibromide	1.0	U	2.0	1.0	ug/L			03/08/16 16:18	2
Hexachlorobutadiene	0.68	U	2.0	0.68	ug/L			03/08/16 16:18	2
2-Hexanone	8.8	U	20	8.8	ug/L			03/08/16 16:18	2
Isopropylbenzene	1.0	U	2.0	1.0	ug/L			03/08/16 16:18	2
4-Isopropyltoluene	1.4	U	2.0	1.4	ug/L			03/08/16 16:18	2
Methylene Chloride	8.0	U	10	8.0	ug/L			03/08/16 16:18	2
4-Methyl-2-pentanone (MIBK)	8.0	U	20	8.0	ug/L			03/08/16 16:18	2
Methyl tert-butyl ether	0.88	U	2.0	0.88	ug/L			03/08/16 16:18	2
m-Xylene & p-Xylene	1.2	U	4.0	1.2	ug/L			03/08/16 16:18	2
Naphthalene	5.0	U	10	5.0	ug/L			03/08/16 16:18	2
n-Butylbenzene	1.3	U	2.0	1.3	ug/L			03/08/16 16:18	2
N-Propylbenzene	1.2	U	2.0	1.2	ug/L			03/08/16 16:18	2
o-Xylene	1.0	U	2.0	1.0	ug/L			03/08/16 16:18	2
sec-Butylbenzene	1.3	U	2.0	1.3	ug/L			03/08/16 16:18	2
Styrene	2.0	U	4.0	2.0	ug/L			03/08/16 16:18	2
tert-Butylbenzene	1.7	U	2.0	1.7	ug/L			03/08/16 16:18	2
1,1,1,2-Tetrachloroethane	1.3	U	2.0	1.3	ug/L			03/08/16 16:18	2
1,1,2,2-Tetrachloroethane	0.34	U	2.0	0.34	ug/L			03/08/16 16:18	2
Toluene	1.0	U	2.0	1.0	ug/L			03/08/16 16:18	2
trans-1,2-Dichloroethene	1.3	U	2.0	1.3	ug/L			03/08/16 16:18	2

Client Sample ID: MW-254

Lab Sample ID: 660-72281-18

Date Collected: 02/25/16 09:20

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.54	U	2.0	0.54	ug/L			03/08/16 16:18	2
1,2,3-Trichlorobenzene	1.5	U	2.0	1.5	ug/L			03/08/16 16:18	2
1,2,4-Trichlorobenzene	1.2	U	2.0	1.2	ug/L			03/08/16 16:18	2
1,1,1-Trichloroethane	0.94	U	2.0	0.94	ug/L			03/08/16 16:18	2
1,1,2-Trichloroethane	0.94	U	2.0	0.94	ug/L			03/08/16 16:18	2
Trichloroethene	**120**		2.0	1.2	ug/L			03/08/16 16:18	2
Trichlorofluoromethane	5.0	U	10	5.0	ug/L			03/08/16 16:18	2
1,2,3-Trichloropropane	0.88	U	2.0	0.88	ug/L			03/08/16 16:18	2
1,2,4-Trimethylbenzene	1.7	U	2.0	1.7	ug/L			03/08/16 16:18	2
1,3,5-Trimethylbenzene	1.1	U	2.0	1.1	ug/L			03/08/16 16:18	2
Vinyl chloride	1.4	U	2.0	1.4	ug/L			03/08/16 16:18	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*03/08/16 16:18*	*2*
Dibromofluoromethane	*102*		*70 - 130*		*03/08/16 16:18*	*2*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/08/16 16:18*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**610**		20	10	ug/L			03/08/16 12:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/08/16 12:15*	*20*
Dibromofluoromethane	*105*		*70 - 130*		*03/08/16 12:15*	*20*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/08/16 12:15*	*20*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 20:13	1

Client Sample ID: Trip Blank 72281

Lab Sample ID: 660-72281-19

Date Collected: 02/24/16 00:00

Matrix: Water

Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/08/16 14:08	1
Benzene	0.50	U	1.0	0.50	ug/L			03/08/16 14:08	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/08/16 14:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/08/16 14:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/08/16 14:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/08/16 14:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/08/16 14:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/08/16 14:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/08/16 14:08	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/08/16 14:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/08/16 14:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/08/16 14:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/08/16 14:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/08/16 14:08	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/08/16 14:08	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: Trip Blank 72281
Date Collected: 02/24/16 00:00
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/08/16 14:08	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/08/16 14:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/08/16 14:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/08/16 14:08	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/08/16 14:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/08/16 14:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/08/16 14:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/08/16 14:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/08/16 14:08	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/08/16 14:08	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/08/16 14:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/08/16 14:08	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/08/16 14:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/08/16 14:08	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/08/16 14:08	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/08/16 14:08	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/08/16 14:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/08/16 14:08	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/08/16 14:08	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/08/16 14:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/08/16 14:08	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/08/16 14:08	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/08/16 14:08	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/08/16 14:08	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/08/16 14:08	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/08/16 14:08	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/08/16 14:08	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/08/16 14:08	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/08/16 14:08	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/08/16 14:08	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/08/16 14:08	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/08/16 14:08	1
Styrene	0.98	U	2.0	0.98	ug/L			03/08/16 14:08	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/08/16 14:08	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/08/16 14:08	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/08/16 14:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/08/16 14:08	1
Toluene	0.51	U	1.0	0.51	ug/L			03/08/16 14:08	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/08/16 14:08	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/08/16 14:08	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/08/16 14:08	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/08/16 14:08	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/08/16 14:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/08/16 14:08	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/08/16 14:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/08/16 14:08	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/08/16 14:08	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/08/16 14:08	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/08/16 14:08	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: Trip Blank 72281

Lab Sample ID: 660-72281-19

Date Collected: 02/24/16 00:00
Matrix: Water
Date Received: 02/25/16 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/08/16 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/08/16 14:08*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/08/16 14:08*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/08/16 14:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 20:31	1

Client Sample ID: MW-68

Lab Sample ID: 660-72417-1

Date Collected: 03/03/16 11:17
Matrix: Water
Date Received: 03/03/16 14:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/08/16 14:26	1
Benzene	0.50	U	1.0	0.50	ug/L			03/08/16 14:26	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/08/16 14:26	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/08/16 14:26	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/08/16 14:26	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/08/16 14:26	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/08/16 14:26	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/08/16 14:26	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/08/16 14:26	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/08/16 14:26	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/08/16 14:26	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/08/16 14:26	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/08/16 14:26	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/08/16 14:26	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/08/16 14:26	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/08/16 14:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/08/16 14:26	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/08/16 14:26	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/08/16 14:26	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/08/16 14:26	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/08/16 14:26	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/08/16 14:26	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/08/16 14:26	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/08/16 14:26	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/08/16 14:26	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/08/16 14:26	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/08/16 14:26	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/08/16 14:26	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/08/16 14:26	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/08/16 14:26	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/08/16 14:26	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/08/16 14:26	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/08/16 14:26	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-68
Date Collected: 03/03/16 11:17
Date Received: 03/03/16 14:40

Lab Sample ID: 660-72417-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/08/16 14:26	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/08/16 14:26	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/08/16 14:26	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/08/16 14:26	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/08/16 14:26	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/08/16 14:26	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/08/16 14:26	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/08/16 14:26	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/08/16 14:26	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/08/16 14:26	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/08/16 14:26	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/08/16 14:26	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/08/16 14:26	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/08/16 14:26	1
Styrene	0.98	U	2.0	0.98	ug/L			03/08/16 14:26	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/08/16 14:26	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/08/16 14:26	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/08/16 14:26	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/08/16 14:26	1
Toluene	0.51	U	1.0	0.51	ug/L			03/08/16 14:26	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/08/16 14:26	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/08/16 14:26	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/08/16 14:26	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/08/16 14:26	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/08/16 14:26	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/08/16 14:26	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/08/16 14:26	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/08/16 14:26	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/08/16 14:26	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/08/16 14:26	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/08/16 14:26	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/08/16 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/08/16 14:26*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/08/16 14:26*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/08/16 14:26*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.9**		2.0	1.0	ug/L			03/08/16 12:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-167014/7
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/03/16 17:20	1
Benzene	0.50	U	1.0	0.50	ug/L			03/03/16 17:20	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 17:20	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/03/16 17:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/03/16 17:20	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/03/16 17:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/03/16 17:20	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/03/16 17:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/03/16 17:20	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/03/16 17:20	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/03/16 17:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/03/16 17:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/03/16 17:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/03/16 17:20	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/03/16 17:20	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/03/16 17:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/03/16 17:20	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/03/16 17:20	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/03/16 17:20	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/03/16 17:20	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/03/16 17:20	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/03/16 17:20	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/03/16 17:20	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/03/16 17:20	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 17:20	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/03/16 17:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/03/16 17:20	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 17:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/03/16 17:20	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/03/16 17:20	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/03/16 17:20	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/03/16 17:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/03/16 17:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/03/16 17:20	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/03/16 17:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/03/16 17:20	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/03/16 17:20	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/03/16 17:20	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/03/16 17:20	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/03/16 17:20	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/03/16 17:20	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/03/16 17:20	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/03/16 17:20	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/03/16 17:20	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/03/16 17:20	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/03/16 17:20	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/03/16 17:20	1
Styrene	0.98	U	2.0	0.98	ug/L			03/03/16 17:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167014/7
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/03/16 17:20	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/03/16 17:20	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/03/16 17:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/03/16 17:20	1
Toluene	0.51	U	1.0	0.51	ug/L			03/03/16 17:20	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 17:20	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/03/16 17:20	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/03/16 17:20	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 17:20	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 17:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 17:20	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/03/16 17:20	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 17:20	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/03/16 17:20	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/03/16 17:20	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/03/16 17:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 17:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/03/16 17:20*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/03/16 17:20*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/03/16 17:20*	*1*

Lab Sample ID: LCS 660-167014/4
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	112		ug/L		112	62 - 142
Benzene	10.0	10.1		ug/L		101	68 - 134
Bromobenzene	10.0	10.3		ug/L		103	70 - 130
Bromoform	10.0	9.64		ug/L		96	65 - 130
Bromomethane	10.0	8.98		ug/L		90	22 - 150
2-Butanone (MEK)	100	108		ug/L		108	63 - 140
Carbon disulfide	10.0	10.2		ug/L		102	30 - 150
Carbon tetrachloride	10.0	10.6		ug/L		106	61 - 134
Chlorobenzene	10.0	9.89		ug/L		99	70 - 130
Chlorobromomethane	10.0	10.7		ug/L		107	70 - 130
Chlorodibromomethane	10.0	10.1		ug/L		101	70 - 130
Chloroethane	10.0	9.91		ug/L		99	39 - 150
Chloroform	10.0	10.4		ug/L		104	68 - 130
Chloromethane	10.0	8.86		ug/L		89	35 - 150
2-Chlorotoluene	10.0	10.0		ug/L		100	70 - 130
4-Chlorotoluene	10.0	9.94		ug/L		99	70 - 130
cis-1,2-Dichloroethene	10.0	9.77		ug/L		98	66 - 130
cis-1,3-Dichloropropene	10.0	10.1		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.97		ug/L		100	63 - 130
Dibromomethane	10.0	10.4		ug/L		104	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167014/4
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
1,3-Dichlorobenzene	10.0	9.88		ug/L		99	70 - 130
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
Dichlorobromomethane	10.0	10.3		ug/L		103	70 - 130
Dichlorodifluoromethane	10.0	7.85		ug/L		79	16 - 149
1,1-Dichloroethane	10.0	9.92		ug/L		99	66 - 130
1,2-Dichloroethane	10.0	9.92		ug/L		99	70 - 130
1,1-Dichloroethene	10.0	9.51		ug/L		95	51 - 150
1,2-Dichloropropane	10.0	10.1		ug/L		101	70 - 130
1,3-Dichloropropane	10.0	10.2		ug/L		102	70 - 130
2,2-Dichloropropane	10.0	9.28		ug/L		93	66 - 134
1,1-Dichloropropene	10.0	10.3		ug/L		103	65 - 136
Ethylbenzene	10.0	10.3		ug/L		103	70 - 130
Ethylene Dibromide	10.0	10.5		ug/L		105	66 - 130
Hexachlorobutadiene	10.0	10.5		ug/L		105	62 - 143
2-Hexanone	100	110		ug/L		110	60 - 148
Isopropylbenzene	10.0	9.87		ug/L		99	62 - 130
4-Isopropyltoluene	10.0	9.63		ug/L		96	65 - 134
Methylene Chloride	10.0	10.7		ug/L		107	57 - 130
4-Methyl-2-pentanone (MIBK)	100	95.9		ug/L		96	64 - 137
Methyl tert-butyl ether	10.0	9.83		ug/L		98	67 - 130
Naphthalene	10.0	10.2		ug/L		102	50 - 136
n-Butylbenzene	10.0	9.47		ug/L		95	61 - 131
N-Propylbenzene	10.0	9.87		ug/L		99	67 - 130
o-Xylene	10.0	9.86		ug/L		99	69 - 130
sec-Butylbenzene	10.0	9.88		ug/L		99	68 - 133
Styrene	10.0	9.78		ug/L		98	68 - 131
tert-Butylbenzene	10.0	9.78		ug/L		98	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.36		ug/L		94	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.3		ug/L		103	70 - 130
Tetrachloroethene	10.0	10.5		ug/L		105	50 - 143
Toluene	10.0	9.98		ug/L		100	70 - 131
trans-1,2-Dichloroethene	10.0	11.3		ug/L		113	62 - 139
trans-1,3-Dichloropropene	10.0	9.82		ug/L		98	67 - 130
1,2,3-Trichlorobenzene	10.0	10.5		ug/L		105	58 - 132
1,2,4-Trichlorobenzene	10.0	10.1		ug/L		101	66 - 130
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	63 - 132
1,1,2-Trichloroethane	10.0	10.6		ug/L		106	70 - 130
Trichloroethene	10.0	10.8		ug/L		108	63 - 139
Trichlorofluoromethane	10.0	9.45		ug/L		95	62 - 146
1,2,3-Trichloropropane	10.0	10.2		ug/L		102	66 - 130
1,2,4-Trimethylbenzene	10.0	9.62		ug/L		96	70 - 132
1,3,5-Trimethylbenzene	10.0	9.68		ug/L		97	65 - 134
Vinyl chloride	10.0	9.69		ug/L		97	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167014/4
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 660-167014/5
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	103		ug/L		103	62 - 142	8	30
Benzene			10.0	9.99		ug/L		100	68 - 134	1	30
Bromobenzene			10.0	10.2		ug/L		102	70 - 130	1	30
Bromoform			10.0	9.83		ug/L		98	65 - 130	2	30
Bromomethane			10.0	8.66		ug/L		87	22 - 150	4	30
2-Butanone (MEK)			100	103		ug/L		103	63 - 140	5	30
Carbon disulfide			10.0	10.0		ug/L		100	30 - 150	2	30
Carbon tetrachloride			10.0	10.6		ug/L		106	61 - 134	1	30
Chlorobenzene			10.0	9.92		ug/L		99	70 - 130	0	30
Chlorobromomethane			10.0	10.2		ug/L		102	70 - 130	5	30
Chlorodibromomethane			10.0	10.2		ug/L		102	70 - 130	1	30
Chloroethane			10.0	10.1		ug/L		101	39 - 150	2	30
Chloroform			10.0	9.88		ug/L		99	68 - 130	5	30
Chloromethane			10.0	8.54		ug/L		85	35 - 150	4	30
2-Chlorotoluene			10.0	9.87		ug/L		99	70 - 130	1	30
4-Chlorotoluene			10.0	9.84		ug/L		98	70 - 130	1	30
cis-1,2-Dichloroethene			10.0	9.70		ug/L		97	66 - 130	1	30
cis-1,3-Dichloropropene			10.0	10.1		ug/L		101	70 - 130	0	30
1,2-Dibromo-3-Chloropropane			10.0	9.57		ug/L		96	63 - 130	4	30
Dibromomethane			10.0	10.3		ug/L		103	70 - 130	0	30
1,2-Dichlorobenzene			10.0	10.2		ug/L		102	70 - 130	1	30
1,3-Dichlorobenzene			10.0	9.91		ug/L		99	70 - 130	0	30
1,4-Dichlorobenzene			10.0	10.1		ug/L		101	70 - 130	2	30
Dichlorobromomethane			10.0	10.2		ug/L		102	70 - 130	1	30
Dichlorodifluoromethane			10.0	7.29		ug/L		73	16 - 149	7	30
1,1-Dichloroethane			10.0	9.98		ug/L		100	66 - 130	1	30
1,2-Dichloroethane			10.0	9.59		ug/L		96	70 - 130	3	30
1,1-Dichloroethene			10.0	9.51		ug/L		95	51 - 150	0	30
1,2-Dichloropropane			10.0	10.5		ug/L		105	70 - 130	4	30
1,3-Dichloropropane			10.0	9.90		ug/L		99	70 - 130	3	30
2,2-Dichloropropane			10.0	9.32		ug/L		93	66 - 134	0	30
1,1-Dichloropropene			10.0	10.4		ug/L		104	65 - 136	1	30
Ethylbenzene			10.0	9.71		ug/L		97	70 - 130	6	30
Ethylene Dibromide			10.0	9.95		ug/L		100	66 - 130	5	30
Hexachlorobutadiene			10.0	10.1		ug/L		101	62 - 143	3	30
2-Hexanone			100	101		ug/L		101	60 - 148	8	30
Isopropylbenzene			10.0	9.78		ug/L		98	62 - 130	1	30
4-Isopropyltoluene			10.0	9.39		ug/L		94	65 - 134	3	30
Methylene Chloride			10.0	10.5		ug/L		105	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)			100	92.4		ug/L		92	64 - 137	4	30
Methyl tert-butyl ether			10.0	9.58		ug/L		96	67 - 130	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-167014/5
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	9.67		ug/L		97	50 - 136	5	30
n-Butylbenzene			10.0	9.37		ug/L		94	61 - 131	1	30
N-Propylbenzene			10.0	9.64		ug/L		96	67 - 130	2	30
o-Xylene			10.0	9.80		ug/L		98	69 - 130	1	30
sec-Butylbenzene			10.0	9.75		ug/L		97	68 - 133	1	30
Styrene			10.0	9.76		ug/L		98	68 - 131	0	30
tert-Butylbenzene			10.0	9.94		ug/L		99	64 - 130	2	30
1,1,1,2-Tetrachloroethane			10.0	9.88		ug/L		99	70 - 130	5	30
1,1,2,2-Tetrachloroethane			10.0	9.70		ug/L		97	70 - 130	6	30
Tetrachloroethene			10.0	11.4		ug/L		114	50 - 143	8	30
Toluene			10.0	10.2		ug/L		102	70 - 131	2	30
trans-1,2-Dichloroethene			10.0	10.8		ug/L		108	62 - 139	5	30
trans-1,3-Dichloropropene			10.0	9.73		ug/L		97	67 - 130	1	30
1,2,3-Trichlorobenzene			10.0	10.2		ug/L		102	58 - 132	2	30
1,2,4-Trichlorobenzene			10.0	9.94		ug/L		99	66 - 130	2	30
1,1,1-Trichloroethane			10.0	10.3		ug/L		103	63 - 132	0	30
1,1,2-Trichloroethane			10.0	10.9		ug/L		109	70 - 130	3	30
Trichloroethene			10.0	10.7		ug/L		107	63 - 139	0	30
Trichlorofluoromethane			10.0	9.24		ug/L		92	62 - 146	2	30
1,2,3-Trichloropropane			10.0	9.60		ug/L		96	66 - 130	6	30
1,2,4-Trimethylbenzene			10.0	9.65		ug/L		96	70 - 132	0	30
1,3,5-Trimethylbenzene			10.0	9.72		ug/L		97	65 - 134	0	30
Vinyl chloride			10.0	10.1		ug/L		101	48 - 147	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-72390-D-3 MS
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	17	I	100	110		ug/L		92	62 - 142
Benzene	0.50	U	10.0	10.5		ug/L		105	68 - 134
Bromobenzene	0.58	U	10.0	10.3		ug/L		103	70 - 130
Bromoform	0.63	U	10.0	9.91		ug/L		99	65 - 130
Bromomethane	2.5	U	10.0	8.76		ug/L		88	22 - 150
2-Butanone (MEK)	8.4	U	100	98.9		ug/L		99	63 - 140
Carbon disulfide	1.0	U	10.0	10.4		ug/L		104	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.0		ug/L		110	61 - 134
Chlorobenzene	0.63	U	10.0	10.4		ug/L		104	70 - 130
Chlorobromomethane	0.58	U	10.0	10.4		ug/L		104	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.2		ug/L		102	70 - 130
Chloroethane	2.5	U	10.0	11.4		ug/L		114	39 - 150
Chloroform	0.90	U	10.0	9.95		ug/L		99	68 - 130
Chloromethane	1.0	U	10.0	10.0		ug/L		100	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72390-D-3 MS
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	10.1		ug/L		101	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.3		ug/L		103	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.4		ug/L		104	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.90		ug/L		99	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.37		ug/L		94	63 - 130
Dibromomethane	0.46	U	10.0	11.2		ug/L		112	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.2		ug/L		102	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.3		ug/L		103	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.3		ug/L		103	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.5		ug/L		105	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	8.74		ug/L		87	16 - 149
1,1-Dichloroethane	3.8		10.0	14.1		ug/L		102	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.0		ug/L		100	70 - 130
1,1-Dichloroethene	0.67	U	10.0	10.1		ug/L		101	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.99		ug/L		100	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.93		ug/L		99	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.48		ug/L		95	66 - 134
1,1-Dichloropropene	0.65	U	10.0	10.6		ug/L		106	65 - 136
Ethylbenzene	0.44	U	10.0	10.6		ug/L		106	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.6		ug/L		106	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.4		ug/L		104	62 - 143
2-Hexanone	4.4	U	100	97.0		ug/L		97	60 - 148
Isopropylbenzene	0.52	U	10.0	10.3		ug/L		103	62 - 130
4-Isopropyltoluene	0.69	U	10.0	10.2		ug/L		102	65 - 134
Methylene Chloride	4.0	U	10.0	10.3		ug/L		103	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	86.5		ug/L		87	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.33		ug/L		93	67 - 130
Naphthalene	2.5	U	10.0	9.25		ug/L		92	50 - 136
n-Butylbenzene	0.67	U	10.0	10.1		ug/L		101	61 - 131
N-Propylbenzene	0.59	U	10.0	10.2		ug/L		102	67 - 130
o-Xylene	0.50	U	10.0	10.2		ug/L		102	69 - 130
sec-Butylbenzene	0.63	U	10.0	10.6		ug/L		106	68 - 133
Styrene	0.98	U	10.0	10.0		ug/L		100	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.3		ug/L		103	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.4		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.85		ug/L		98	70 - 130
Tetrachloroethene	0.50	U	10.0	11.3		ug/L		113	50 - 143
Toluene	0.51	U	10.0	10.8		ug/L		108	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.6		ug/L		106	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.3		ug/L		103	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.82		ug/L		98	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.0		ug/L		100	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.9		ug/L		109	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.7		ug/L		107	70 - 130
Trichloroethene	0.61	U	10.0	11.4		ug/L		114	63 - 139
Trichlorofluoromethane	2.5	U	10.0	10.9		ug/L		109	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.2		ug/L		102	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.87		ug/L		99	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72390-D-3 MS
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	10.2		ug/L		102	65 - 134
Vinyl chloride	0.71	U	10.0	11.5		ug/L		115	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-72390-A-2 DU
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	17	I	17.6	I	ug/L		3	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	4.0		4.01		ug/L		0.4	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72390-A-2 DU
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 660-167066/7
Matrix: Water
Analysis Batch: 167066

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 13:38	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 13:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 13:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 13:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 13:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 13:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 13:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167066/7
Matrix: Water
Analysis Batch: 167066

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 13:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 13:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 13:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 13:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 13:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 13:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 13:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 13:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 13:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 13:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 13:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 13:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 13:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 13:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 13:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 13:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 13:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 13:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 13:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 13:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 13:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 13:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 13:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 13:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 13:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 13:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 13:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 13:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 13:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 13:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 13:38	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 13:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 13:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 13:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 13:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 13:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 13:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 13:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 13:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 13:38	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 13:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 13:38	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 13:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 13:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 13:38	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 13:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 13:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 13:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167066/7
Matrix: Water
Analysis Batch: 167066

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 13:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 13:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 13:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 13:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 13:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 13:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 13:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 13:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 13:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/05/16 13:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 13:38*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*03/05/16 13:38*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/05/16 13:38*	*1*

Lab Sample ID: LCS 660-167066/4
Matrix: Water
Analysis Batch: 167066

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	114		ug/L		114	62 - 142
Benzene	10.0	10.4		ug/L		104	68 - 134
Bromobenzene	10.0	10.8		ug/L		108	70 - 130
Bromoform	10.0	9.61		ug/L		96	65 - 130
Bromomethane	10.0	10.9		ug/L		109	22 - 150
2-Butanone (MEK)	100	88.9		ug/L		89	63 - 140
Carbon disulfide	10.0	10.6		ug/L		106	30 - 150
Carbon tetrachloride	10.0	11.1		ug/L		111	61 - 134
Chlorobenzene	10.0	10.5		ug/L		105	70 - 130
Chlorobromomethane	10.0	11.2		ug/L		112	70 - 130
Chlorodibromomethane	10.0	8.09		ug/L		81	70 - 130
Chloroethane	10.0	12.6		ug/L		126	39 - 150
Chloroform	10.0	11.4		ug/L		114	68 - 130
Chloromethane	10.0	9.85		ug/L		98	35 - 150
2-Chlorotoluene	10.0	11.6		ug/L		116	70 - 130
4-Chlorotoluene	10.0	11.9		ug/L		119	70 - 130
cis-1,2-Dichloroethene	10.0	11.3		ug/L		113	66 - 130
cis-1,3-Dichloropropene	10.0	8.92		ug/L		89	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.39		ug/L		84	63 - 130
Dibromomethane	10.0	10.9		ug/L		109	70 - 130
1,2-Dichlorobenzene	10.0	11.1		ug/L		111	70 - 130
1,3-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
1,4-Dichlorobenzene	10.0	11.0		ug/L		110	70 - 130
Dichlorobromomethane	10.0	9.48		ug/L		95	70 - 130
Dichlorodifluoromethane	10.0	8.69		ug/L		87	16 - 149
1,1-Dichloroethane	10.0	11.2		ug/L		112	66 - 130
1,2-Dichloroethane	10.0	12.0		ug/L		120	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167066/4
Matrix: Water
Analysis Batch: 167066

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	9.90		ug/L		99	51 - 150
1,2-Dichloropropane	10.0	10.6		ug/L		106	70 - 130
1,3-Dichloropropane	10.0	10.4		ug/L		104	70 - 130
2,2-Dichloropropane	10.0	11.8		ug/L		118	66 - 134
1,1-Dichloropropene	10.0	10.3		ug/L		103	65 - 136
Ethylbenzene	10.0	10.0		ug/L		100	70 - 130
Ethylene Dibromide	10.0	9.83		ug/L		98	66 - 130
Hexachlorobutadiene	10.0	10.5		ug/L		105	62 - 143
2-Hexanone	100	106		ug/L		106	60 - 148
Isopropylbenzene	10.0	10.6		ug/L		106	62 - 130
4-Isopropyltoluene	10.0	10.6		ug/L		106	65 - 134
Methylene Chloride	10.0	9.96		ug/L		100	57 - 130
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	64 - 137
Methyl tert-butyl ether	10.0	10.1		ug/L		101	67 - 130
Naphthalene	10.0	10.2		ug/L		102	50 - 136
n-Butylbenzene	10.0	11.0		ug/L		110	61 - 131
N-Propylbenzene	10.0	10.9		ug/L		109	67 - 130
o-Xylene	10.0	10.5		ug/L		105	69 - 130
sec-Butylbenzene	10.0	10.4		ug/L		104	68 - 133
Styrene	10.0	11.1		ug/L		111	68 - 131
tert-Butylbenzene	10.0	11.8		ug/L		118	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.09		ug/L		91	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.07		ug/L		91	70 - 130
Tetrachloroethene	10.0	9.83		ug/L		98	50 - 143
Toluene	10.0	10.6		ug/L		106	70 - 131
trans-1,2-Dichloroethene	10.0	11.2		ug/L		112	62 - 139
trans-1,3-Dichloropropene	10.0	8.51		ug/L		85	67 - 130
1,2,3-Trichlorobenzene	10.0	10.5		ug/L		105	58 - 132
1,2,4-Trichlorobenzene	10.0	10.7		ug/L		107	66 - 130
1,1,1-Trichloroethane	10.0	10.8		ug/L		108	63 - 132
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	70 - 130
Trichloroethene	10.0	9.25		ug/L		93	63 - 139
Trichlorofluoromethane	10.0	14.0		ug/L		140	62 - 146
1,2,3-Trichloropropane	10.0	10.3		ug/L		103	66 - 130
1,2,4-Trimethylbenzene	10.0	11.7		ug/L		117	70 - 132
1,3,5-Trimethylbenzene	10.0	10.5		ug/L		105	65 - 134
Vinyl chloride	10.0	10.5		ug/L		105	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-167066/5
Matrix: Water
Analysis Batch: 167066

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	131		ug/L		131	62 - 142	13	30
Benzene	10.0	10.4		ug/L		104	68 - 134	0	30
Bromobenzene	10.0	10.8		ug/L		108	70 - 130	1	30
Bromoform	10.0	10.4		ug/L		104	65 - 130	7	30
Bromomethane	10.0	8.28		ug/L		83	22 - 150	27	30
2-Butanone (MEK)	100	96.7		ug/L		97	63 - 140	8	30
Carbon disulfide	10.0	10.2		ug/L		102	30 - 150	4	30
Carbon tetrachloride	10.0	10.8		ug/L		108	61 - 134	3	30
Chlorobenzene	10.0	10.9		ug/L		109	70 - 130	3	30
Chlorobromomethane	10.0	11.4		ug/L		114	70 - 130	2	30
Chlorodibromomethane	10.0	8.80		ug/L		88	70 - 130	8	30
Chloroethane	10.0	10.0		ug/L		100	39 - 150	23	30
Chloroform	10.0	11.2		ug/L		112	68 - 130	2	30
Chloromethane	10.0	7.59		ug/L		76	35 - 150	26	30
2-Chlorotoluene	10.0	11.2		ug/L		112	70 - 130	4	30
4-Chlorotoluene	10.0	12.0		ug/L		120	70 - 130	1	30
cis-1,2-Dichloroethene	10.0	11.2		ug/L		112	66 - 130	1	30
cis-1,3-Dichloropropene	10.0	9.37		ug/L		94	70 - 130	5	30
1,2-Dibromo-3-Chloropropane	10.0	8.72		ug/L		87	63 - 130	4	30
Dibromomethane	10.0	11.1		ug/L		111	70 - 130	2	30
1,2-Dichlorobenzene	10.0	11.0		ug/L		110	70 - 130	1	30
1,3-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130	3	30
1,4-Dichlorobenzene	10.0	10.7		ug/L		107	70 - 130	3	30
Dichlorobromomethane	10.0	9.76		ug/L		98	70 - 130	3	30
Dichlorodifluoromethane	10.0	5.63	J3	ug/L		56	16 - 149	43	30
1,1-Dichloroethane	10.0	11.2		ug/L		112	66 - 130	1	30
1,2-Dichloroethane	10.0	12.6		ug/L		126	70 - 130	5	30
1,1-Dichloroethene	10.0	9.48		ug/L		95	51 - 150	4	30
1,2-Dichloropropane	10.0	10.6		ug/L		106	70 - 130	0	30
1,3-Dichloropropane	10.0	10.7		ug/L		107	70 - 130	3	30
2,2-Dichloropropane	10.0	11.2		ug/L		112	66 - 134	5	30
1,1-Dichloropropene	10.0	10.4		ug/L		104	65 - 136	1	30
Ethylbenzene	10.0	10.4		ug/L		104	70 - 130	4	30
Ethylene Dibromide	10.0	10.5		ug/L		105	66 - 130	6	30
Hexachlorobutadiene	10.0	9.85		ug/L		99	62 - 143	6	30
2-Hexanone	100	118		ug/L		118	60 - 148	11	30
Isopropylbenzene	10.0	10.5		ug/L		105	62 - 130	1	30
4-Isopropyltoluene	10.0	10.2		ug/L		102	65 - 134	4	30
Methylene Chloride	10.0	9.71		ug/L		97	57 - 130	3	30
4-Methyl-2-pentanone (MIBK)	100	114		ug/L		114	64 - 137	8	30
Methyl tert-butyl ether	10.0	10.9		ug/L		109	67 - 130	7	30
Naphthalene	10.0	10.8		ug/L		108	50 - 136	6	30
n-Butylbenzene	10.0	10.4		ug/L		104	61 - 131	6	30
N-Propylbenzene	10.0	10.5		ug/L		105	67 - 130	3	30
o-Xylene	10.0	10.7		ug/L		107	69 - 130	2	30
sec-Butylbenzene	10.0	9.83		ug/L		98	68 - 133	5	30
Styrene	10.0	11.0		ug/L		110	68 - 131	1	30
tert-Butylbenzene	10.0	11.0		ug/L		110	64 - 130	7	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-167066/5
Matrix: Water
Analysis Batch: 167066

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			10.0	8.98		ug/L		90	70 - 130	1	30
1,1,2,2-Tetrachloroethane			10.0	9.70		ug/L		97	70 - 130	7	30
Tetrachloroethene			10.0	9.72		ug/L		97	50 - 143	1	30
Toluene			10.0	10.3		ug/L		103	70 - 131	3	30
trans-1,2-Dichloroethene			10.0	10.5		ug/L		105	62 - 139	7	30
trans-1,3-Dichloropropene			10.0	9.05		ug/L		91	67 - 130	6	30
1,2,3-Trichlorobenzene			10.0	10.7		ug/L		107	58 - 132	2	30
1,2,4-Trichlorobenzene			10.0	10.5		ug/L		105	66 - 130	2	30
1,1,1-Trichloroethane			10.0	10.9		ug/L		109	63 - 132	0	30
1,1,2-Trichloroethane			10.0	10.8		ug/L		108	70 - 130	6	30
Trichloroethene			10.0	9.28		ug/L		93	63 - 139	0	30
Trichlorofluoromethane			10.0	9.31	J3	ug/L		93	62 - 146	40	30
1,2,3-Trichloropropane			10.0	10.5		ug/L		105	66 - 130	2	30
1,2,4-Trimethylbenzene			10.0	11.5		ug/L		115	70 - 132	2	30
1,3,5-Trimethylbenzene			10.0	10.4		ug/L		104	65 - 134	1	30
Vinyl chloride			10.0	7.50	J3	ug/L		75	48 - 147	33	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-72250-34 MS
Matrix: Water
Analysis Batch: 167066

Client Sample ID: MW-102 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	111		ug/L		111	62 - 142
Benzene	0.50	U	10.0	9.63		ug/L		96	68 - 134
Bromobenzene	0.58	U	10.0	9.35		ug/L		93	70 - 130
Bromoform	0.63	U	10.0	8.49		ug/L		85	65 - 130
Bromomethane	2.5	U	10.0	10.8		ug/L		108	22 - 150
2-Butanone (MEK)	8.4	U	100	86.8		ug/L		87	63 - 140
Carbon disulfide	1.0	U	10.0	10.7		ug/L		107	30 - 150
Carbon tetrachloride	0.43	U	10.0	10.5		ug/L		105	61 - 134
Chlorobenzene	0.63	U	10.0	9.96		ug/L		100	70 - 130
Chlorobromomethane	0.58	U	10.0	10.2		ug/L		102	70 - 130
Chlorodibromomethane	0.31	U J3	10.0	6.84	J3	ug/L		68	70 - 130
Chloroethane	2.5	U	10.0	11.1		ug/L		111	39 - 150
Chloroform	0.90	U	10.0	10.5		ug/L		105	68 - 130
Chloromethane	1.0	U	10.0	8.05		ug/L		81	35 - 150
2-Chlorotoluene	0.65	U	10.0	10.6		ug/L		106	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.6		ug/L		106	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.8		ug/L		108	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.46		ug/L		75	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.74		ug/L		77	63 - 130
Dibromomethane	0.46	U	10.0	10.1		ug/L		101	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.83		ug/L		98	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72250-34 MS
Matrix: Water
Analysis Batch: 167066

Client Sample ID: MW-102 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.64	U	10.0	9.59		ug/L		96	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.79		ug/L		98	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.63		ug/L		86	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	6.62		ug/L		66	16 - 149
1,1-Dichloroethane	0.52	U	10.0	11.0		ug/L		110	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.8		ug/L		108	70 - 130
1,1-Dichloroethene	0.67	U	10.0	9.76		ug/L		98	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.28		ug/L		93	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.34		ug/L		93	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.0		ug/L		110	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.75		ug/L		97	65 - 136
Ethylbenzene	0.44	U	10.0	9.73		ug/L		97	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.58		ug/L		86	66 - 130
Hexachlorobutadiene	0.34	U	10.0	8.28		ug/L		83	62 - 143
2-Hexanone	4.4	U	100	107		ug/L		107	60 - 148
Isopropylbenzene	0.52	U	10.0	10.1		ug/L		101	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.85		ug/L		98	65 - 134
Methylene Chloride	4.0	U	10.0	8.94		ug/L		89	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	106		ug/L		106	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	8.79		ug/L		88	67 - 130
Naphthalene	2.5	U	10.0	8.59		ug/L		86	50 - 136
n-Butylbenzene	0.67	U	10.0	9.85		ug/L		98	61 - 131
N-Propylbenzene	0.59	U	10.0	10.3		ug/L		103	67 - 130
o-Xylene	0.50	U	10.0	9.84		ug/L		98	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.70		ug/L		97	68 - 133
Styrene	0.98	U	10.0	10.0		ug/L		100	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.8		ug/L		108	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	7.70		ug/L		77	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.37		ug/L		84	70 - 130
Tetrachloroethene	0.50	U	10.0	9.19		ug/L		92	50 - 143
Toluene	0.51	U	10.0	9.87		ug/L		99	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.7		ug/L		107	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.40		ug/L		74	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	7.79		ug/L		78	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.27		ug/L		83	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.6		ug/L		106	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	8.87		ug/L		89	70 - 130
Trichloroethene	0.61	U	10.0	8.36		ug/L		84	63 - 139
Trichlorofluoromethane	2.5	U J3	10.0	12.3		ug/L		123	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.1		ug/L		101	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.6		ug/L		106	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	9.46		ug/L		95	65 - 134
Vinyl chloride	0.71	U J3	10.0	8.59		ug/L		86	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-72250-34 MSD
Matrix: Water
Analysis Batch: 167066

Client Sample ID: MW-102 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	9.9	U	100	123		ug/L		123	62 - 142	11	30
Benzene	0.50	U	10.0	10.5		ug/L		105	68 - 134	9	30
Bromobenzene	0.58	U	10.0	10.7		ug/L		107	70 - 130	13	30
Bromoform	0.63	U	10.0	9.87		ug/L		99	65 - 130	15	30
Bromomethane	2.5	U	10.0	11.1		ug/L		111	22 - 150	2	30
2-Butanone (MEK)	8.4	U	100	94.2		ug/L		94	63 - 140	8	30
Carbon disulfide	1.0	U	10.0	11.1		ug/L		111	30 - 150	4	30
Carbon tetrachloride	0.43	U	10.0	11.5		ug/L		115	61 - 134	9	30
Chlorobenzene	0.63	U	10.0	10.7		ug/L		107	70 - 130	7	30
Chlorobromomethane	0.58	U	10.0	10.8		ug/L		108	70 - 130	6	30
Chlorodibromomethane	0.31	U J3	10.0	7.87		ug/L		79	70 - 130	14	30
Chloroethane	2.5	U	10.0	9.52		ug/L		95	39 - 150	15	30
Chloroform	0.90	U	10.0	11.0		ug/L		110	68 - 130	5	30
Chloromethane	1.0	U	10.0	8.19		ug/L		82	35 - 150	2	30
2-Chlorotoluene	0.65	U	10.0	11.9		ug/L		119	70 - 130	12	30
4-Chlorotoluene	0.52	U	10.0	11.9		ug/L		119	70 - 130	11	30
cis-1,2-Dichloroethene	0.65	U	10.0	11.6		ug/L		116	66 - 130	8	30
cis-1,3-Dichloropropene	0.39	U	10.0	8.62		ug/L		86	70 - 130	14	30
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.86		ug/L		89	63 - 130	14	30
Dibromomethane	0.46	U	10.0	11.1		ug/L		111	70 - 130	9	30
1,2-Dichlorobenzene	0.49	U	10.0	10.7		ug/L		107	70 - 130	9	30
1,3-Dichlorobenzene	0.64	U	10.0	10.6		ug/L		106	70 - 130	10	30
1,4-Dichlorobenzene	0.60	U	10.0	10.5		ug/L		105	70 - 130	7	30
Dichlorobromomethane	0.44	U	10.0	9.29		ug/L		93	70 - 130	7	30
Dichlorodifluoromethane	2.5	U J3	10.0	7.13		ug/L		71	16 - 149	7	30
1,1-Dichloroethane	0.52	U	10.0	11.6		ug/L		116	66 - 130	6	30
1,2-Dichloroethane	0.57	U	10.0	12.4		ug/L		124	70 - 130	14	30
1,1-Dichloroethene	0.67	U	10.0	10.3		ug/L		103	51 - 150	6	30
1,2-Dichloropropane	0.52	U	10.0	10.7		ug/L		107	70 - 130	14	30
1,3-Dichloropropane	0.42	U	10.0	10.1		ug/L		101	70 - 130	8	30
2,2-Dichloropropane	0.36	U	10.0	12.2		ug/L		122	66 - 134	10	30
1,1-Dichloropropene	0.65	U	10.0	10.9		ug/L		109	65 - 136	11	30
Ethylbenzene	0.44	U	10.0	10.8		ug/L		108	70 - 130	10	30
Ethylene Dibromide	0.50	U	10.0	9.80		ug/L		98	66 - 130	13	30
Hexachlorobutadiene	0.34	U	10.0	9.65		ug/L		96	62 - 143	15	30
2-Hexanone	4.4	U	100	119		ug/L		119	60 - 148	11	30
Isopropylbenzene	0.52	U	10.0	11.1		ug/L		111	62 - 130	10	30
4-Isopropyltoluene	0.69	U	10.0	10.5		ug/L		105	65 - 134	6	30
Methylene Chloride	4.0	U	10.0	9.48		ug/L		95	57 - 130	6	30
4-Methyl-2-pentanone (MIBK)	4.0	U	100	114		ug/L		114	64 - 137	7	30
Methyl tert-butyl ether	0.44	U	10.0	10.5		ug/L		105	67 - 130	18	30
Naphthalene	2.5	U	10.0	10.3		ug/L		103	50 - 136	18	30
n-Butylbenzene	0.67	U	10.0	10.8		ug/L		108	61 - 131	9	30
N-Propylbenzene	0.59	U	10.0	11.3		ug/L		113	67 - 130	9	30
o-Xylene	0.50	U	10.0	10.6		ug/L		106	69 - 130	8	30
sec-Butylbenzene	0.63	U	10.0	10.6		ug/L		106	68 - 133	9	30
Styrene	0.98	U	10.0	11.1		ug/L		111	68 - 131	10	30
tert-Butylbenzene	0.84	U	10.0	12.0		ug/L		120	64 - 130	11	30
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.51		ug/L		85	70 - 130	10	30
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.73		ug/L		97	70 - 130	15	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72250-34 MSD
Matrix: Water
Analysis Batch: 167066

Client Sample ID: MW-102 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	0.50	U	10.0	9.90		ug/L		99	50 - 143	7	30
Toluene	0.51	U	10.0	10.6		ug/L		106	70 - 131	7	30
trans-1,2-Dichloroethene	0.67	U	10.0	11.5		ug/L		115	62 - 139	7	30
trans-1,3-Dichloropropene	0.27	U	10.0	8.44		ug/L		84	67 - 130	13	30
1,2,3-Trichlorobenzene	0.77	U	10.0	9.56		ug/L		96	58 - 132	20	30
1,2,4-Trichlorobenzene	0.58	U	10.0	9.95		ug/L		99	66 - 130	18	30
1,1,1-Trichloroethane	0.47	U	10.0	11.9		ug/L		119	63 - 132	11	30
1,1,2-Trichloroethane	0.47	U	10.0	9.97		ug/L		100	70 - 130	12	30
Trichloroethene	0.61	U	10.0	9.12		ug/L		91	63 - 139	9	30
Trichlorofluoromethane	2.5	U J3	10.0	12.5		ug/L		125	62 - 146	2	30
1,2,3-Trichloropropane	0.44	U	10.0	10.6		ug/L		106	66 - 130	4	30
1,2,4-Trimethylbenzene	0.86	U	10.0	11.7		ug/L		117	70 - 132	10	30
1,3,5-Trimethylbenzene	0.54	U	10.0	10.4		ug/L		104	65 - 134	10	30
Vinyl chloride	0.71	U J3	10.0	8.49		ug/L		85	48 - 147	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 660-167069/7
Matrix: Water
Analysis Batch: 167069

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 13:36	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 13:36	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 13:36	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 13:36	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 13:36	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 13:36	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 13:36	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 13:36	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 13:36	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 13:36	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 13:36	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 13:36	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 13:36	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 13:36	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 13:36	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 13:36	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 13:36	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 13:36	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 13:36	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 13:36	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 13:36	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 13:36	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 13:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167069/7
Matrix: Water
Analysis Batch: 167069

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 13:36	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 13:36	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 13:36	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 13:36	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 13:36	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 13:36	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 13:36	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 13:36	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 13:36	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 13:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 13:36	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 13:36	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 13:36	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 13:36	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 13:36	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 13:36	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 13:36	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 13:36	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 13:36	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 13:36	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 13:36	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 13:36	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 13:36	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 13:36	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 13:36	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 13:36	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 13:36	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 13:36	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 13:36	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 13:36	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 13:36	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 13:36	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 13:36	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 13:36	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 13:36	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 13:36	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 13:36	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 13:36	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 13:36	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 13:36	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 13:36	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/05/16 13:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 13:36*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/05/16 13:36*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/05/16 13:36*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167069/4
Matrix: Water
Analysis Batch: 167069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	92.6		ug/L		93	62 - 142
Benzene	10.0	9.51		ug/L		95	68 - 134
Bromobenzene	10.0	9.46		ug/L		95	70 - 130
Bromoform	10.0	9.39		ug/L		94	65 - 130
Bromomethane	10.0	8.49		ug/L		85	22 - 150
2-Butanone (MEK)	100	89.8		ug/L		90	63 - 140
Carbon disulfide	10.0	9.72		ug/L		97	30 - 150
Carbon tetrachloride	10.0	10.8		ug/L		108	61 - 134
Chlorobenzene	10.0	9.65		ug/L		96	70 - 130
Chlorobromomethane	10.0	10.3		ug/L		103	70 - 130
Chlorodibromomethane	10.0	9.81		ug/L		98	70 - 130
Chloroethane	10.0	9.54		ug/L		95	39 - 150
Chloroform	10.0	9.22		ug/L		92	68 - 130
Chloromethane	10.0	8.90		ug/L		89	35 - 150
2-Chlorotoluene	10.0	9.24		ug/L		92	70 - 130
4-Chlorotoluene	10.0	9.28		ug/L		93	70 - 130
cis-1,2-Dichloroethene	10.0	8.97		ug/L		90	66 - 130
cis-1,3-Dichloropropene	10.0	9.10		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.69		ug/L		87	63 - 130
Dibromomethane	10.0	9.80		ug/L		98	70 - 130
1,2-Dichlorobenzene	10.0	9.55		ug/L		95	70 - 130
1,3-Dichlorobenzene	10.0	9.46		ug/L		95	70 - 130
1,4-Dichlorobenzene	10.0	9.46		ug/L		95	70 - 130
Dichlorobromomethane	10.0	9.35		ug/L		93	70 - 130
Dichlorodifluoromethane	10.0	8.69		ug/L		87	16 - 149
1,1-Dichloroethane	10.0	9.22		ug/L		92	66 - 130
1,2-Dichloroethane	10.0	8.64		ug/L		86	70 - 130
1,1-Dichloroethene	10.0	8.92		ug/L		89	51 - 150
1,2-Dichloropropane	10.0	9.14		ug/L		91	70 - 130
1,3-Dichloropropane	10.0	9.03		ug/L		90	70 - 130
2,2-Dichloropropane	10.0	8.74		ug/L		87	66 - 134
1,1-Dichloropropene	10.0	9.60		ug/L		96	65 - 136
Ethylbenzene	10.0	9.50		ug/L		95	70 - 130
Ethylene Dibromide	10.0	9.77		ug/L		98	66 - 130
Hexachlorobutadiene	10.0	10.6		ug/L		106	62 - 143
2-Hexanone	100	87.3		ug/L		87	60 - 148
Isopropylbenzene	10.0	9.45		ug/L		95	62 - 130
4-Isopropyltoluene	10.0	9.52		ug/L		95	65 - 134
Methylene Chloride	10.0	9.75		ug/L		98	57 - 130
4-Methyl-2-pentanone (MIBK)	100	81.7		ug/L		82	64 - 137
Methyl tert-butyl ether	10.0	8.70		ug/L		87	67 - 130
Naphthalene	10.0	9.25		ug/L		92	50 - 136
n-Butylbenzene	10.0	9.00		ug/L		90	61 - 131
N-Propylbenzene	10.0	9.34		ug/L		93	67 - 130
o-Xylene	10.0	9.56		ug/L		96	69 - 130
sec-Butylbenzene	10.0	9.62		ug/L		96	68 - 133
Styrene	10.0	9.22		ug/L		92	68 - 131
tert-Butylbenzene	10.0	9.11		ug/L		91	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167069/4
Matrix: Water
Analysis Batch: 167069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	9.26		ug/L		93	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.03		ug/L		90	70 - 130
Tetrachloroethene	10.0	10.1		ug/L		101	50 - 143
Toluene	10.0	9.75		ug/L		98	70 - 131
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	62 - 139
trans-1,3-Dichloropropene	10.0	9.09		ug/L		91	67 - 130
1,2,3-Trichlorobenzene	10.0	9.90		ug/L		99	58 - 132
1,2,4-Trichlorobenzene	10.0	9.68		ug/L		97	66 - 130
1,1,1-Trichloroethane	10.0	10.1		ug/L		101	63 - 132
1,1,2-Trichloroethane	10.0	9.94		ug/L		99	70 - 130
Trichloroethene	10.0	10.9		ug/L		109	63 - 139
Trichlorofluoromethane	10.0	9.10		ug/L		91	62 - 146
1,2,3-Trichloropropane	10.0	9.45		ug/L		95	66 - 130
1,2,4-Trimethylbenzene	10.0	8.96		ug/L		90	70 - 132
1,3,5-Trimethylbenzene	10.0	9.25		ug/L		93	65 - 134
Vinyl chloride	10.0	9.89		ug/L		99	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 660-167069/5
Matrix: Water
Analysis Batch: 167069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	97.4		ug/L		97	62 - 142	5	30
Benzene	10.0	9.17		ug/L		92	68 - 134	4	30
Bromobenzene	10.0	9.56		ug/L		96	70 - 130	1	30
Bromoform	10.0	9.67		ug/L		97	65 - 130	3	30
Bromomethane	10.0	7.63		ug/L		76	22 - 150	11	30
2-Butanone (MEK)	100	92.5		ug/L		92	63 - 140	3	30
Carbon disulfide	10.0	8.96		ug/L		90	30 - 150	8	30
Carbon tetrachloride	10.0	9.91		ug/L		99	61 - 134	9	30
Chlorobenzene	10.0	9.14		ug/L		91	70 - 130	5	30
Chlorobromomethane	10.0	10.1		ug/L		101	70 - 130	1	30
Chlorodibromomethane	10.0	9.84		ug/L		98	70 - 130	0	30
Chloroethane	10.0	8.18		ug/L		82	39 - 150	15	30
Chloroform	10.0	9.02		ug/L		90	68 - 130	2	30
Chloromethane	10.0	7.39		ug/L		74	35 - 150	19	30
2-Chlorotoluene	10.0	8.97		ug/L		90	70 - 130	3	30
4-Chlorotoluene	10.0	9.01		ug/L		90	70 - 130	3	30
cis-1,2-Dichloroethene	10.0	8.78		ug/L		88	66 - 130	2	30
cis-1,3-Dichloropropene	10.0	8.78		ug/L		88	70 - 130	4	30
1,2-Dibromo-3-Chloropropane	10.0	8.88		ug/L		89	63 - 130	2	30
Dibromomethane	10.0	9.42		ug/L		94	70 - 130	4	30
1,2-Dichlorobenzene	10.0	9.49		ug/L		95	70 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-167069/5
Matrix: Water
Analysis Batch: 167069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene			10.0	9.38		ug/L		94	70 - 130	1	30
1,4-Dichlorobenzene			10.0	9.38		ug/L		94	70 - 130	1	30
Dichlorobromomethane			10.0	9.49		ug/L		95	70 - 130	2	30
Dichlorodifluoromethane			10.0	6.32	J3	ug/L		63	16 - 149	32	30
1,1-Dichloroethane			10.0	8.79		ug/L		88	66 - 130	5	30
1,2-Dichloroethane			10.0	8.42		ug/L		84	70 - 130	3	30
1,1-Dichloroethene			10.0	8.18		ug/L		82	51 - 150	9	30
1,2-Dichloropropane			10.0	8.88		ug/L		89	70 - 130	3	30
1,3-Dichloropropane			10.0	9.34		ug/L		93	70 - 130	3	30
2,2-Dichloropropane			10.0	8.30		ug/L		83	66 - 134	5	30
1,1-Dichloropropene			10.0	8.86		ug/L		89	65 - 136	8	30
Ethylbenzene			10.0	8.90		ug/L		89	70 - 130	7	30
Ethylene Dibromide			10.0	9.49		ug/L		95	66 - 130	3	30
Hexachlorobutadiene			10.0	10.1		ug/L		101	62 - 143	5	30
2-Hexanone			100	92.3		ug/L		92	60 - 148	6	30
Isopropylbenzene			10.0	8.98		ug/L		90	62 - 130	5	30
4-Isopropyltoluene			10.0	8.93		ug/L		89	65 - 134	6	30
Methylene Chloride			10.0	9.25		ug/L		93	57 - 130	5	30
4-Methyl-2-pentanone (MIBK)			100	83.7		ug/L		84	64 - 137	2	30
Methyl tert-butyl ether			10.0	8.89		ug/L		89	67 - 130	2	30
Naphthalene			10.0	9.55		ug/L		95	50 - 136	3	30
n-Butylbenzene			10.0	8.63		ug/L		86	61 - 131	4	30
N-Propylbenzene			10.0	8.79		ug/L		88	67 - 130	6	30
o-Xylene			10.0	8.71		ug/L		87	69 - 130	9	30
sec-Butylbenzene			10.0	9.02		ug/L		90	68 - 133	6	30
Styrene			10.0	8.95		ug/L		90	68 - 131	3	30
tert-Butylbenzene			10.0	9.01		ug/L		90	64 - 130	1	30
1,1,1,2-Tetrachloroethane			10.0	9.16		ug/L		92	70 - 130	1	30
1,1,2,2-Tetrachloroethane			10.0	9.04		ug/L		90	70 - 130	0	30
Tetrachloroethene			10.0	9.26		ug/L		93	50 - 143	9	30
Toluene			10.0	8.97		ug/L		90	70 - 131	8	30
trans-1,2-Dichloroethene			10.0	10.0		ug/L		100	62 - 139	3	30
trans-1,3-Dichloropropene			10.0	8.88		ug/L		89	67 - 130	2	30
1,2,3-Trichlorobenzene			10.0	9.62		ug/L		96	58 - 132	3	30
1,2,4-Trichlorobenzene			10.0	9.75		ug/L		98	66 - 130	1	30
1,1,1-Trichloroethane			10.0	9.02		ug/L		90	63 - 132	11	30
1,1,2-Trichloroethane			10.0	9.71		ug/L		97	70 - 130	2	30
Trichloroethene			10.0	10.1		ug/L		101	63 - 139	7	30
Trichlorofluoromethane			10.0	7.36		ug/L		74	62 - 146	21	30
1,2,3-Trichloropropane			10.0	9.32		ug/L		93	66 - 130	1	30
1,2,4-Trimethylbenzene			10.0	8.82		ug/L		88	70 - 132	2	30
1,3,5-Trimethylbenzene			10.0	8.96		ug/L		90	65 - 134	3	30
Vinyl chloride			10.0	7.03	J3	ug/L		70	48 - 147	34	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-72250-15 MS
Matrix: Water
Analysis Batch: 167069

Client Sample ID: MW-72 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	82.5		ug/L		83	62 - 142
Benzene	0.50	U	10.0	8.73		ug/L		87	68 - 134
Bromobenzene	0.58	U	10.0	8.66		ug/L		87	70 - 130
Bromoform	0.63	U	10.0	8.30		ug/L		83	65 - 130
Bromomethane	2.5	U	10.0	6.98		ug/L		70	22 - 150
2-Butanone (MEK)	8.4	U	100	83.6		ug/L		84	63 - 140
Carbon disulfide	1.0	U	10.0	8.67		ug/L		87	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.28		ug/L		93	61 - 134
Chlorobenzene	0.63	U	10.0	8.74		ug/L		87	70 - 130
Chlorobromomethane	0.58	U	10.0	9.02		ug/L		90	70 - 130
Chlorodibromomethane	0.31	U	10.0	8.47		ug/L		85	70 - 130
Chloroethane	2.5	U	10.0	9.95		ug/L		99	39 - 150
Chloroform	0.90	U	10.0	8.25		ug/L		83	68 - 130
Chloromethane	1.0	U	10.0	7.36		ug/L		74	35 - 150
2-Chlorotoluene	0.65	U	10.0	8.49		ug/L		85	70 - 130
4-Chlorotoluene	0.52	U	10.0	8.50		ug/L		85	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	8.48		ug/L		85	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	8.21		ug/L		82	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.77		ug/L		88	63 - 130
Dibromomethane	0.46	U	10.0	8.70		ug/L		87	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	8.54		ug/L		85	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	8.72		ug/L		87	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	8.93		ug/L		89	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.59		ug/L		86	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	6.52		ug/L		65	16 - 149
1,1-Dichloroethane	0.52	U	10.0	8.85		ug/L		89	66 - 130
1,2-Dichloroethane	0.57	U	10.0	7.97		ug/L		80	70 - 130
1,1-Dichloroethene	0.67	U	10.0	8.50		ug/L		85	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.29		ug/L		83	70 - 130
1,3-Dichloropropane	0.42	U	10.0	8.43		ug/L		84	70 - 130
2,2-Dichloropropane	0.36	U	10.0	7.99		ug/L		80	66 - 134
1,1-Dichloropropene	0.65	U	10.0	8.80		ug/L		88	65 - 136
Ethylbenzene	0.44	U	10.0	8.69		ug/L		87	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.91		ug/L		89	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.31		ug/L		93	62 - 143
2-Hexanone	4.4	U	100	85.5		ug/L		85	60 - 148
Isopropylbenzene	0.52	U	10.0	8.67		ug/L		87	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.47		ug/L		85	65 - 134
Methylene Chloride	4.0	U	10.0	8.52		ug/L		85	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	82.1		ug/L		82	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	7.72		ug/L		77	67 - 130
Naphthalene	2.5	U	10.0	7.96		ug/L		80	50 - 136
n-Butylbenzene	0.67	U	10.0	8.21		ug/L		82	61 - 131
N-Propylbenzene	0.59	U	10.0	8.37		ug/L		84	67 - 130
o-Xylene	0.50	U	10.0	8.18		ug/L		82	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.69		ug/L		87	68 - 133
Styrene	0.98	U	10.0	8.53		ug/L		85	68 - 131
tert-Butylbenzene	0.84	U	10.0	8.54		ug/L		85	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.52		ug/L		85	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.03		ug/L		80	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72250-15 MS
Matrix: Water
Analysis Batch: 167069

Client Sample ID: MW-72 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	0.50	U	10.0	9.59		ug/L		96	50 - 143
Toluene	0.51	U	10.0	8.73		ug/L		87	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.40		ug/L		94	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.85		ug/L		78	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.68		ug/L		87	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.43		ug/L		84	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.03		ug/L		90	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	8.73		ug/L		87	70 - 130
Trichloroethene	0.61	U	10.0	9.69		ug/L		97	63 - 139
Trichlorofluoromethane	2.5	U	10.0	8.05		ug/L		81	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	8.53		ug/L		85	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	8.11		ug/L		81	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	8.44		ug/L		84	65 - 134
Vinyl chloride	0.71	U J3	10.0	8.57		ug/L		86	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-72250-15 MSD
Matrix: Water
Analysis Batch: 167069

Client Sample ID: MW-72 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	9.9	U	100	79.8		ug/L		80	62 - 142	3	30
Benzene	0.50	U	10.0	9.70		ug/L		97	68 - 134	11	30
Bromobenzene	0.58	U	10.0	9.75		ug/L		98	70 - 130	12	30
Bromoform	0.63	U	10.0	9.53		ug/L		95	65 - 130	14	30
Bromomethane	2.5	U	10.0	8.00		ug/L		80	22 - 150	14	30
2-Butanone (MEK)	8.4	U	100	80.9		ug/L		81	63 - 140	3	30
Carbon disulfide	1.0	U	10.0	9.60		ug/L		96	30 - 150	10	30
Carbon tetrachloride	0.43	U	10.0	10.4		ug/L		104	61 - 134	11	30
Chlorobenzene	0.63	U	10.0	9.97		ug/L		100	70 - 130	13	30
Chlorobromomethane	0.58	U	10.0	10.3		ug/L		103	70 - 130	14	30
Chlorodibromomethane	0.31	U	10.0	9.73		ug/L		97	70 - 130	14	30
Chloroethane	2.5	U	10.0	10.7		ug/L		107	39 - 150	8	30
Chloroform	0.90	U	10.0	9.34		ug/L		93	68 - 130	12	30
Chloromethane	1.0	U	10.0	7.85		ug/L		79	35 - 150	6	30
2-Chlorotoluene	0.65	U	10.0	9.57		ug/L		96	70 - 130	12	30
4-Chlorotoluene	0.52	U	10.0	9.51		ug/L		95	70 - 130	11	30
cis-1,2-Dichloroethene	0.65	U	10.0	8.95		ug/L		89	66 - 130	5	30
cis-1,3-Dichloropropene	0.39	U	10.0	9.22		ug/L		92	70 - 130	12	30
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.77		ug/L		88	63 - 130	0	30
Dibromomethane	0.46	U	10.0	9.36		ug/L		94	70 - 130	7	30
1,2-Dichlorobenzene	0.49	U	10.0	9.70		ug/L		97	70 - 130	13	30
1,3-Dichlorobenzene	0.64	U	10.0	9.71		ug/L		97	70 - 130	11	30
1,4-Dichlorobenzene	0.60	U	10.0	9.69		ug/L		97	70 - 130	8	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72250-15 MSD
Matrix: Water
Analysis Batch: 167069

Client Sample ID: MW-72 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	0.44	U	10.0	9.45		ug/L		94	70 - 130	9	30
Dichlorodifluoromethane	2.5	U J3	10.0	8.28		ug/L		83	16 - 149	24	30
1,1-Dichloroethane	0.52	U	10.0	9.31		ug/L		93	66 - 130	5	30
1,2-Dichloroethane	0.57	U	10.0	8.94		ug/L		89	70 - 130	12	30
1,1-Dichloroethene	0.67	U	10.0	8.92		ug/L		89	51 - 150	5	30
1,2-Dichloropropane	0.52	U	10.0	9.19		ug/L		92	70 - 130	10	30
1,3-Dichloropropane	0.42	U	10.0	9.34		ug/L		93	70 - 130	10	30
2,2-Dichloropropane	0.36	U	10.0	8.70		ug/L		87	66 - 134	8	30
1,1-Dichloropropene	0.65	U	10.0	9.75		ug/L		98	65 - 136	10	30
Ethylbenzene	0.44	U	10.0	9.41		ug/L		94	70 - 130	8	30
Ethylene Dibromide	0.50	U	10.0	9.36		ug/L		94	66 - 130	5	30
Hexachlorobutadiene	0.34	U	10.0	10.0		ug/L		100	62 - 143	8	30
2-Hexanone	4.4	U	100	82.3		ug/L		82	60 - 148	4	30
Isopropylbenzene	0.52	U	10.0	9.76		ug/L		98	62 - 130	12	30
4-Isopropyltoluene	0.69	U	10.0	9.48		ug/L		95	65 - 134	11	30
Methylene Chloride	4.0	U	10.0	9.32		ug/L		93	57 - 130	9	30
4-Methyl-2-pentanone (MIBK)	4.0	U	100	74.2		ug/L		74	64 - 137	10	30
Methyl tert-butyl ether	0.44	U	10.0	8.76		ug/L		88	67 - 130	13	30
Naphthalene	2.5	U	10.0	8.84		ug/L		88	50 - 136	11	30
n-Butylbenzene	0.67	U	10.0	9.23		ug/L		92	61 - 131	12	30
N-Propylbenzene	0.59	U	10.0	9.32		ug/L		93	67 - 130	11	30
o-Xylene	0.50	U	10.0	9.09		ug/L		91	69 - 130	11	30
sec-Butylbenzene	0.63	U	10.0	9.69		ug/L		97	68 - 133	11	30
Styrene	0.98	U	10.0	9.25		ug/L		93	68 - 131	8	30
tert-Butylbenzene	0.84	U	10.0	9.50		ug/L		95	64 - 130	11	30
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.75		ug/L		98	70 - 130	14	30
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.80		ug/L		88	70 - 130	9	30
Tetrachloroethene	0.50	U	10.0	10.4		ug/L		104	50 - 143	8	30
Toluene	0.51	U	10.0	9.74		ug/L		97	70 - 131	11	30
trans-1,2-Dichloroethene	0.67	U	10.0	10.3		ug/L		103	62 - 139	9	30
trans-1,3-Dichloropropene	0.27	U	10.0	8.97		ug/L		90	67 - 130	13	30
1,2,3-Trichlorobenzene	0.77	U	10.0	10.1		ug/L		101	58 - 132	15	30
1,2,4-Trichlorobenzene	0.58	U	10.0	9.95		ug/L		100	66 - 130	17	30
1,1,1-Trichloroethane	0.47	U	10.0	9.82		ug/L		98	63 - 132	8	30
1,1,2-Trichloroethane	0.47	U	10.0	9.97		ug/L		100	70 - 130	13	30
Trichloroethene	0.61	U	10.0	10.8		ug/L		108	63 - 139	11	30
Trichlorofluoromethane	2.5	U	10.0	8.59		ug/L		86	62 - 146	6	30
1,2,3-Trichloropropane	0.44	U	10.0	9.67		ug/L		97	66 - 130	13	30
1,2,4-Trimethylbenzene	0.86	U	10.0	9.23		ug/L		92	70 - 132	13	30
1,3,5-Trimethylbenzene	0.54	U	10.0	9.30		ug/L		93	65 - 134	10	30
Vinyl chloride	0.71	U J3	10.0	8.73		ug/L		87	48 - 147	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167075/7
Matrix: Water
Analysis Batch: 167075

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/06/16 20:05	1
Benzene	0.50	U	1.0	0.50	ug/L			03/06/16 20:05	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/06/16 20:05	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/06/16 20:05	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/06/16 20:05	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/06/16 20:05	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/06/16 20:05	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/06/16 20:05	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/06/16 20:05	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/06/16 20:05	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/06/16 20:05	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/06/16 20:05	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/06/16 20:05	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/06/16 20:05	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/06/16 20:05	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/06/16 20:05	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/06/16 20:05	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/06/16 20:05	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/06/16 20:05	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/06/16 20:05	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/06/16 20:05	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/06/16 20:05	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/06/16 20:05	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/06/16 20:05	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/06/16 20:05	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/06/16 20:05	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/06/16 20:05	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/06/16 20:05	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/06/16 20:05	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/06/16 20:05	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/06/16 20:05	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/06/16 20:05	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/06/16 20:05	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/06/16 20:05	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/06/16 20:05	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/06/16 20:05	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/06/16 20:05	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/06/16 20:05	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/06/16 20:05	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/06/16 20:05	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/06/16 20:05	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/06/16 20:05	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/06/16 20:05	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/06/16 20:05	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/06/16 20:05	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/06/16 20:05	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/06/16 20:05	1
Styrene	0.98	U	2.0	0.98	ug/L			03/06/16 20:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167075/7
Matrix: Water
Analysis Batch: 167075

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/06/16 20:05	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/06/16 20:05	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/06/16 20:05	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/06/16 20:05	1
Toluene	0.51	U	1.0	0.51	ug/L			03/06/16 20:05	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/06/16 20:05	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/06/16 20:05	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/06/16 20:05	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/06/16 20:05	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/06/16 20:05	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/06/16 20:05	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/06/16 20:05	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/06/16 20:05	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/06/16 20:05	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/06/16 20:05	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/06/16 20:05	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/06/16 20:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/06/16 20:05*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/06/16 20:05*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/06/16 20:05*	*1*

Lab Sample ID: LCS 660-167075/4
Matrix: Water
Analysis Batch: 167075

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	99.4		ug/L		99	62 - 142
Benzene	10.0	9.49		ug/L		95	68 - 134
Bromobenzene	10.0	9.56		ug/L		96	70 - 130
Bromoform	10.0	9.20		ug/L		92	65 - 130
Bromomethane	10.0	8.03		ug/L		80	22 - 150
2-Butanone (MEK)	100	95.1		ug/L		95	63 - 140
Carbon disulfide	10.0	9.20		ug/L		92	30 - 150
Carbon tetrachloride	10.0	9.08		ug/L		91	61 - 134
Chlorobenzene	10.0	9.63		ug/L		96	70 - 130
Chlorobromomethane	10.0	11.1		ug/L		111	70 - 130
Chlorodibromomethane	10.0	9.74		ug/L		97	70 - 130
Chloroethane	10.0	11.4		ug/L		114	39 - 150
Chloroform	10.0	9.62		ug/L		96	68 - 130
Chloromethane	10.0	9.43		ug/L		94	35 - 150
2-Chlorotoluene	10.0	9.09		ug/L		91	70 - 130
4-Chlorotoluene	10.0	9.35		ug/L		94	70 - 130
cis-1,2-Dichloroethene	10.0	9.13		ug/L		91	66 - 130
cis-1,3-Dichloropropene	10.0	9.64		ug/L		96	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.16		ug/L		92	63 - 130
Dibromomethane	10.0	10.7		ug/L		107	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167075/4
Matrix: Water
Analysis Batch: 167075

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	9.71		ug/L		97	70 - 130
1,3-Dichlorobenzene	10.0	9.68		ug/L		97	70 - 130
1,4-Dichlorobenzene	10.0	9.88		ug/L		99	70 - 130
Dichlorobromomethane	10.0	10.1		ug/L		101	70 - 130
Dichlorodifluoromethane	10.0	7.59		ug/L		76	16 - 149
1,1-Dichloroethane	10.0	9.51		ug/L		95	66 - 130
1,2-Dichloroethane	10.0	9.69		ug/L		97	70 - 130
1,1-Dichloroethene	10.0	8.29		ug/L		83	51 - 150
1,2-Dichloropropane	10.0	9.75		ug/L		98	70 - 130
1,3-Dichloropropane	10.0	9.45		ug/L		95	70 - 130
2,2-Dichloropropane	10.0	8.17		ug/L		82	66 - 134
1,1-Dichloropropene	10.0	8.73		ug/L		87	65 - 136
Ethylbenzene	10.0	9.36		ug/L		94	70 - 130
Ethylene Dibromide	10.0	9.72		ug/L		97	66 - 130
Hexachlorobutadiene	10.0	9.33		ug/L		93	62 - 143
2-Hexanone	100	94.5		ug/L		95	60 - 148
Isopropylbenzene	10.0	8.67		ug/L		87	62 - 130
4-Isopropyltoluene	10.0	8.50		ug/L		85	65 - 134
Methylene Chloride	10.0	10.3		ug/L		103	57 - 130
4-Methyl-2-pentanone (MIBK)	100	84.7		ug/L		85	64 - 137
Methyl tert-butyl ether	10.0	8.85		ug/L		89	67 - 130
Naphthalene	10.0	9.05		ug/L		90	50 - 136
n-Butylbenzene	10.0	8.29		ug/L		83	61 - 131
N-Propylbenzene	10.0	8.42		ug/L		84	67 - 130
o-Xylene	10.0	9.14		ug/L		91	69 - 130
sec-Butylbenzene	10.0	8.65		ug/L		87	68 - 133
Styrene	10.0	9.37		ug/L		94	68 - 131
tert-Butylbenzene	10.0	8.33		ug/L		83	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.98		ug/L		90	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.03		ug/L		90	70 - 130
Tetrachloroethene	10.0	9.12		ug/L		91	50 - 143
Toluene	10.0	9.27		ug/L		93	70 - 131
trans-1,2-Dichloroethene	10.0	9.85		ug/L		99	62 - 139
trans-1,3-Dichloropropene	10.0	9.37		ug/L		94	67 - 130
1,2,3-Trichlorobenzene	10.0	9.87		ug/L		99	58 - 132
1,2,4-Trichlorobenzene	10.0	9.69		ug/L		97	66 - 130
1,1,1-Trichloroethane	10.0	9.14		ug/L		91	63 - 132
1,1,2-Trichloroethane	10.0	9.96		ug/L		100	70 - 130
Trichloroethene	10.0	10.3		ug/L		103	63 - 139
Trichlorofluoromethane	10.0	8.17		ug/L		82	62 - 146
1,2,3-Trichloropropane	10.0	9.33		ug/L		93	66 - 130
1,2,4-Trimethylbenzene	10.0	8.62		ug/L		86	70 - 132
1,3,5-Trimethylbenzene	10.0	8.82		ug/L		88	65 - 134
Vinyl chloride	10.0	8.80		ug/L		88	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167075/4
Matrix: Water
Analysis Batch: 167075

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 660-167075/5
Matrix: Water
Analysis Batch: 167075

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	97.9		ug/L		98	62 - 142	1	30
Benzene			10.0	9.78		ug/L		98	68 - 134	3	30
Bromobenzene			10.0	9.79		ug/L		98	70 - 130	2	30
Bromoform			10.0	9.31		ug/L		93	65 - 130	1	30
Bromomethane			10.0	8.39		ug/L		84	22 - 150	4	30
2-Butanone (MEK)			100	91.3		ug/L		91	63 - 140	4	30
Carbon disulfide			10.0	10.1		ug/L		101	30 - 150	9	30
Carbon tetrachloride			10.0	10.7		ug/L		107	61 - 134	17	30
Chlorobenzene			10.0	9.63		ug/L		96	70 - 130	0	30
Chlorobromomethane			10.0	10.6		ug/L		106	70 - 130	5	30
Chlorodibromomethane			10.0	10.0		ug/L		100	70 - 130	3	30
Chloroethane			10.0	9.32		ug/L		93	39 - 150	20	30
Chloroform			10.0	9.62		ug/L		96	68 - 130	0	30
Chloromethane			10.0	9.15		ug/L		92	35 - 150	3	30
2-Chlorotoluene			10.0	9.55		ug/L		96	70 - 130	5	30
4-Chlorotoluene			10.0	9.43		ug/L		94	70 - 130	1	30
cis-1,2-Dichloroethene			10.0	9.12		ug/L		91	66 - 130	0	30
cis-1,3-Dichloropropene			10.0	9.47		ug/L		95	70 - 130	2	30
1,2-Dibromo-3-Chloropropane			10.0	8.73		ug/L		87	63 - 130	5	30
Dibromomethane			10.0	9.98		ug/L		100	70 - 130	7	30
1,2-Dichlorobenzene			10.0	10.0		ug/L		100	70 - 130	3	30
1,3-Dichlorobenzene			10.0	9.77		ug/L		98	70 - 130	1	30
1,4-Dichlorobenzene			10.0	9.39		ug/L		94	70 - 130	5	30
Dichlorobromomethane			10.0	9.88		ug/L		99	70 - 130	2	30
Dichlorodifluoromethane			10.0	9.35		ug/L		93	16 - 149	21	30
1,1-Dichloroethane			10.0	9.73		ug/L		97	66 - 130	2	30
1,2-Dichloroethane			10.0	9.07		ug/L		91	70 - 130	7	30
1,1-Dichloroethene			10.0	9.47		ug/L		95	51 - 150	13	30
1,2-Dichloropropane			10.0	9.09		ug/L		91	70 - 130	7	30
1,3-Dichloropropane			10.0	9.47		ug/L		95	70 - 130	0	30
2,2-Dichloropropane			10.0	9.18		ug/L		92	66 - 134	12	30
1,1-Dichloropropene			10.0	9.81		ug/L		98	65 - 136	12	30
Ethylbenzene			10.0	9.49		ug/L		95	70 - 130	1	30
Ethylene Dibromide			10.0	10.1		ug/L		101	66 - 130	4	30
Hexachlorobutadiene			10.0	10.3		ug/L		103	62 - 143	9	30
2-Hexanone			100	89.0		ug/L		89	60 - 148	6	30
Isopropylbenzene			10.0	9.42		ug/L		94	62 - 130	8	30
4-Isopropyltoluene			10.0	9.25		ug/L		93	65 - 134	9	30
Methylene Chloride			10.0	10.2		ug/L		102	57 - 130	1	30
4-Methyl-2-pentanone (MIBK)			100	81.0		ug/L		81	64 - 137	4	30
Methyl tert-butyl ether			10.0	8.45		ug/L		84	67 - 130	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-167075/5
Matrix: Water
Analysis Batch: 167075

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	9.10		ug/L		91	50 - 136	1	30
n-Butylbenzene			10.0	9.12		ug/L		91	61 - 131	9	30
N-Propylbenzene			10.0	9.13		ug/L		91	67 - 130	8	30
o-Xylene			10.0	9.42		ug/L		94	69 - 130	3	30
sec-Butylbenzene			10.0	9.61		ug/L		96	68 - 133	10	30
Styrene			10.0	9.36		ug/L		94	68 - 131	0	30
tert-Butylbenzene			10.0	9.49		ug/L		95	64 - 130	13	30
1,1,1,2-Tetrachloroethane			10.0	8.89		ug/L		89	70 - 130	1	30
1,1,2,2-Tetrachloroethane			10.0	8.68		ug/L		87	70 - 130	4	30
Tetrachloroethene			10.0	10.3		ug/L		103	50 - 143	13	30
Toluene			10.0	9.75		ug/L		97	70 - 131	5	30
trans-1,2-Dichloroethene			10.0	10.7		ug/L		107	62 - 139	8	30
trans-1,3-Dichloropropene			10.0	9.39		ug/L		94	67 - 130	0	30
1,2,3-Trichlorobenzene			10.0	9.97		ug/L		100	58 - 132	1	30
1,2,4-Trichlorobenzene			10.0	9.59		ug/L		96	66 - 130	1	30
1,1,1-Trichloroethane			10.0	9.92		ug/L		99	63 - 132	8	30
1,1,2-Trichloroethane			10.0	9.80		ug/L		98	70 - 130	2	30
Trichloroethene			10.0	10.6		ug/L		106	63 - 139	3	30
Trichlorofluoromethane			10.0	9.41		ug/L		94	62 - 146	14	30
1,2,3-Trichloropropane			10.0	8.96		ug/L		90	66 - 130	4	30
1,2,4-Trimethylbenzene			10.0	9.12		ug/L		91	70 - 132	6	30
1,3,5-Trimethylbenzene			10.0	9.22		ug/L		92	65 - 134	4	30
Vinyl chloride			10.0	10.5		ug/L		105	48 - 147	18	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-72250-24 MS
Matrix: Water
Analysis Batch: 167075

Client Sample ID: MW-85 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	75.6		ug/L		76	62 - 142
Benzene	0.50	U	10.0	8.63		ug/L		86	68 - 134
Bromobenzene	0.58	U	10.0	8.74		ug/L		87	70 - 130
Bromoform	0.63	U	10.0	8.49		ug/L		85	65 - 130
Bromomethane	2.5	U	10.0	6.72		ug/L		67	22 - 150
2-Butanone (MEK)	8.4	U	100	78.9		ug/L		79	63 - 140
Carbon disulfide	1.0	U	10.0	8.17		ug/L		82	30 - 150
Carbon tetrachloride	0.43	U	10.0	8.51		ug/L		85	61 - 134
Chlorobenzene	0.63	U	10.0	8.49		ug/L		85	70 - 130
Chlorobromomethane	0.58	U	10.0	9.49		ug/L		95	70 - 130
Chlorodibromomethane	0.31	U	10.0	8.77		ug/L		88	70 - 130
Chloroethane	2.5	U	10.0	11.7		ug/L		117	39 - 150
Chloroform	0.90	U	10.0	8.62		ug/L		86	68 - 130
Chloromethane	1.0	U	10.0	9.12		ug/L		91	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72250-24 MS
Matrix: Water
Analysis Batch: 167075

Client Sample ID: MW-85 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	8.59		ug/L		86	70 - 130
4-Chlorotoluene	0.52	U	10.0	8.23		ug/L		82	70 - 130
cis-1,2-Dichloroethene	5.5		10.0	13.5		ug/L		81	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	8.11		ug/L		81	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.88		ug/L		79	63 - 130
Dibromomethane	0.46	U	10.0	8.84		ug/L		88	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	8.75		ug/L		88	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	8.65		ug/L		87	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	8.78		ug/L		88	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.60		ug/L		86	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	8.26		ug/L		83	16 - 149
1,1-Dichloroethane	20		10.0	28.2		ug/L		77	66 - 130
1,2-Dichloroethane	0.57	U	10.0	8.62		ug/L		86	70 - 130
1,1-Dichloroethene	9.9		10.0	16.8		ug/L		69	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.97		ug/L		90	70 - 130
1,3-Dichloropropane	0.42	U	10.0	8.10		ug/L		81	70 - 130
2,2-Dichloropropane	0.36	U	10.0	7.65		ug/L		77	66 - 134
1,1-Dichloropropene	0.65	U	10.0	8.19		ug/L		82	65 - 136
Ethylbenzene	0.44	U	10.0	8.05		ug/L		80	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.83		ug/L		88	66 - 130
Hexachlorobutadiene	0.34	U	10.0	8.55		ug/L		86	62 - 143
2-Hexanone	4.4	U	100	76.6		ug/L		77	60 - 148
Isopropylbenzene	0.52	U	10.0	8.10		ug/L		81	62 - 130
4-Isopropyltoluene	0.69	U	10.0	7.98		ug/L		80	65 - 134
Methylene Chloride	4.0	U	10.0	9.01		ug/L		90	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	71.1		ug/L		71	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	7.65		ug/L		76	67 - 130
Naphthalene	2.5	U	10.0	7.38		ug/L		74	50 - 136
n-Butylbenzene	0.67	U	10.0	7.68		ug/L		77	61 - 131
N-Propylbenzene	0.59	U	10.0	7.93		ug/L		79	67 - 130
o-Xylene	0.50	U	10.0	7.83		ug/L		78	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.04		ug/L		80	68 - 133
Styrene	0.98	U	10.0	8.27		ug/L		83	68 - 131
tert-Butylbenzene	0.84	U	10.0	7.92		ug/L		79	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.26		ug/L		83	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.24		ug/L		82	70 - 130
Tetrachloroethene	0.50	U	10.0	8.34		ug/L		83	50 - 143
Toluene	0.51	U	10.0	9.01		ug/L		90	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.11		ug/L		91	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.91		ug/L		79	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.59		ug/L		86	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.40		ug/L		84	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	8.37		ug/L		84	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.05		ug/L		90	70 - 130
Trichloroethene	0.61	U	10.0	9.90		ug/L		99	63 - 139
Trichlorofluoromethane	2.5	U	10.0	8.53		ug/L		85	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	8.32		ug/L		83	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	7.74		ug/L		77	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72250-24 MS
Matrix: Water
Analysis Batch: 167075

Client Sample ID: MW-85 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	8.06		ug/L		81	65 - 134
Vinyl chloride	1.9		10.0	11.2		ug/L		93	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-72250-24 MSD
Matrix: Water
Analysis Batch: 167075

Client Sample ID: MW-85 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	9.9	U	100	88.2		ug/L		88	62 - 142	15	30
Benzene	0.50	U	10.0	9.67		ug/L		97	68 - 134	11	30
Bromobenzene	0.58	U	10.0	9.55		ug/L		95	70 - 130	9	30
Bromoform	0.63	U	10.0	9.66		ug/L		97	65 - 130	13	30
Bromomethane	2.5	U	10.0	7.12		ug/L		71	22 - 150	6	30
2-Butanone (MEK)	8.4	U	100	91.8		ug/L		92	63 - 140	15	30
Carbon disulfide	1.0	U	10.0	10.0		ug/L		100	30 - 150	21	30
Carbon tetrachloride	0.43	U	10.0	10.9		ug/L		109	61 - 134	24	30
Chlorobenzene	0.63	U	10.0	9.47		ug/L		95	70 - 130	11	30
Chlorobromomethane	0.58	U	10.0	10.4		ug/L		104	70 - 130	9	30
Chlorodibromomethane	0.31	U	10.0	9.56		ug/L		96	70 - 130	9	30
Chloroethane	2.5	U	10.0	11.8		ug/L		118	39 - 150	1	30
Chloroform	0.90	U	10.0	9.44		ug/L		94	68 - 130	9	30
Chloromethane	1.0	U	10.0	9.99		ug/L		100	35 - 150	9	30
2-Chlorotoluene	0.65	U	10.0	9.56		ug/L		96	70 - 130	11	30
4-Chlorotoluene	0.52	U	10.0	9.26		ug/L		93	70 - 130	12	30
cis-1,2-Dichloroethene	5.5		10.0	14.6		ug/L		92	66 - 130	8	30
cis-1,3-Dichloropropene	0.39	U	10.0	8.99		ug/L		90	70 - 130	10	30
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.45		ug/L		84	63 - 130	7	30
Dibromomethane	0.46	U	10.0	10.3		ug/L		103	70 - 130	16	30
1,2-Dichlorobenzene	0.49	U	10.0	9.51		ug/L		95	70 - 130	8	30
1,3-Dichlorobenzene	0.64	U	10.0	9.72		ug/L		97	70 - 130	12	30
1,4-Dichlorobenzene	0.60	U	10.0	9.59		ug/L		96	70 - 130	9	30
Dichlorobromomethane	0.44	U	10.0	9.58		ug/L		96	70 - 130	11	30
Dichlorodifluoromethane	2.5	U	10.0	8.93		ug/L		89	16 - 149	8	30
1,1-Dichloroethane	20		10.0	28.7		ug/L		83	66 - 130	2	30
1,2-Dichloroethane	0.57	U	10.0	8.91		ug/L		89	70 - 130	3	30
1,1-Dichloroethene	9.9		10.0	18.4		ug/L		85	51 - 150	9	30
1,2-Dichloropropane	0.52	U	10.0	9.27		ug/L		93	70 - 130	3	30
1,3-Dichloropropane	0.42	U	10.0	9.35		ug/L		93	70 - 130	14	30
2,2-Dichloropropane	0.36	U	10.0	8.88		ug/L		89	66 - 134	15	30
1,1-Dichloropropene	0.65	U	10.0	9.69		ug/L		97	65 - 136	17	30
Ethylbenzene	0.44	U	10.0	9.40		ug/L		94	70 - 130	15	30
Ethylene Dibromide	0.50	U	10.0	9.48		ug/L		95	66 - 130	7	30
Hexachlorobutadiene	0.34	U	10.0	10.1		ug/L		101	62 - 143	16	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72250-24 MSD
Matrix: Water
Analysis Batch: 167075

Client Sample ID: MW-85 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	4.4	U	100	87.0		ug/L		87	60 - 148	13	30
Isopropylbenzene	0.52	U	10.0	9.27		ug/L		93	62 - 130	14	30
4-Isopropyltoluene	0.69	U	10.0	9.23		ug/L		92	65 - 134	14	30
Methylene Chloride	4.0	U	10.0	9.69		ug/L		97	57 - 130	7	30
4-Methyl-2-pentanone (MIBK)	4.0	U	100	82.2		ug/L		82	64 - 137	14	30
Methyl tert-butyl ether	0.44	U	10.0	8.23		ug/L		82	67 - 130	7	30
Naphthalene	2.5	U	10.0	8.65		ug/L		86	50 - 136	16	30
n-Butylbenzene	0.67	U	10.0	8.96		ug/L		90	61 - 131	15	30
N-Propylbenzene	0.59	U	10.0	9.16		ug/L		92	67 - 130	14	30
o-Xylene	0.50	U	10.0	9.11		ug/L		91	69 - 130	15	30
sec-Butylbenzene	0.63	U	10.0	9.56		ug/L		96	68 - 133	17	30
Styrene	0.98	U	10.0	9.08		ug/L		91	68 - 131	9	30
tert-Butylbenzene	0.84	U	10.0	9.23		ug/L		92	64 - 130	15	30
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.44		ug/L		94	70 - 130	13	30
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.62		ug/L		86	70 - 130	4	30
Tetrachloroethene	0.50	U	10.0	10.1		ug/L		101	50 - 143	19	30
Toluene	0.51	U	10.0	9.92		ug/L		99	70 - 131	10	30
trans-1,2-Dichloroethene	0.67	U	10.0	10.6		ug/L		106	62 - 139	15	30
trans-1,3-Dichloropropene	0.27	U	10.0	8.85		ug/L		89	67 - 130	11	30
1,2,3-Trichlorobenzene	0.77	U	10.0	9.34		ug/L		93	58 - 132	8	30
1,2,4-Trichlorobenzene	0.58	U	10.0	9.33		ug/L		93	66 - 130	11	30
1,1,1-Trichloroethane	0.47	U	10.0	10.0		ug/L		100	63 - 132	18	30
1,1,2-Trichloroethane	0.47	U	10.0	9.53		ug/L		95	70 - 130	5	30
Trichloroethene	0.61	U	10.0	11.4		ug/L		114	63 - 139	14	30
Trichlorofluoromethane	2.5	U	10.0	9.07		ug/L		91	62 - 146	6	30
1,2,3-Trichloropropane	0.44	U	10.0	9.24		ug/L		92	66 - 130	11	30
1,2,4-Trimethylbenzene	0.86	U	10.0	9.06		ug/L		91	70 - 132	16	30
1,3,5-Trimethylbenzene	0.54	U	10.0	9.14		ug/L		91	65 - 134	13	30
Vinyl chloride	1.9		10.0	11.8		ug/L		99	48 - 147	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 660-167081/7
Matrix: Water
Analysis Batch: 167081

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/07/16 10:02	1
Benzene	0.50	U	1.0	0.50	ug/L			03/07/16 10:02	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 10:02	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/07/16 10:02	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/07/16 10:02	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/07/16 10:02	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/07/16 10:02	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/07/16 10:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167081/7
Matrix: Water
Analysis Batch: 167081

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/07/16 10:02	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/07/16 10:02	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/07/16 10:02	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/07/16 10:02	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/07/16 10:02	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/07/16 10:02	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/07/16 10:02	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/07/16 10:02	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/07/16 10:02	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/07/16 10:02	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/07/16 10:02	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/07/16 10:02	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/07/16 10:02	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/07/16 10:02	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/07/16 10:02	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/07/16 10:02	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 10:02	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/07/16 10:02	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/07/16 10:02	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 10:02	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/07/16 10:02	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/07/16 10:02	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/07/16 10:02	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/07/16 10:02	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/07/16 10:02	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/07/16 10:02	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/07/16 10:02	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/07/16 10:02	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/07/16 10:02	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/07/16 10:02	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/07/16 10:02	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/07/16 10:02	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/07/16 10:02	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/07/16 10:02	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/07/16 10:02	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/07/16 10:02	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/07/16 10:02	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/07/16 10:02	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/07/16 10:02	1
Styrene	0.98	U	2.0	0.98	ug/L			03/07/16 10:02	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/07/16 10:02	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/07/16 10:02	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/07/16 10:02	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/07/16 10:02	1
Toluene	0.51	U	1.0	0.51	ug/L			03/07/16 10:02	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/07/16 10:02	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/07/16 10:02	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/07/16 10:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167081/7
Matrix: Water
Analysis Batch: 167081

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/07/16 10:02	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 10:02	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/07/16 10:02	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/07/16 10:02	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/07/16 10:02	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/07/16 10:02	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/07/16 10:02	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/07/16 10:02	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/07/16 10:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/07/16 10:02*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/07/16 10:02*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/07/16 10:02*	*1*

Lab Sample ID: LCS 660-167081/4
Matrix: Water
Analysis Batch: 167081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	84.9		ug/L		85	62 - 142
Benzene	10.0	9.26		ug/L		93	68 - 134
Bromobenzene	10.0	9.44		ug/L		94	70 - 130
Bromoform	10.0	8.93		ug/L		89	65 - 130
Bromomethane	10.0	8.00		ug/L		80	22 - 150
2-Butanone (MEK)	100	82.0		ug/L		82	63 - 140
Carbon disulfide	10.0	9.46		ug/L		95	30 - 150
Carbon tetrachloride	10.0	10.0		ug/L		100	61 - 134
Chlorobenzene	10.0	9.35		ug/L		94	70 - 130
Chlorobromomethane	10.0	10.4		ug/L		104	70 - 130
Chlorodibromomethane	10.0	9.65		ug/L		97	70 - 130
Chloroethane	10.0	10.8		ug/L		108	39 - 150
Chloroform	10.0	9.21		ug/L		92	68 - 130
Chloromethane	10.0	6.17		ug/L		62	35 - 150
2-Chlorotoluene	10.0	9.08		ug/L		91	70 - 130
4-Chlorotoluene	10.0	9.11		ug/L		91	70 - 130
cis-1,2-Dichloroethene	10.0	8.83		ug/L		88	66 - 130
cis-1,3-Dichloropropene	10.0	8.92		ug/L		89	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.00		ug/L		80	63 - 130
Dibromomethane	10.0	9.20		ug/L		92	70 - 130
1,2-Dichlorobenzene	10.0	9.54		ug/L		95	70 - 130
1,3-Dichlorobenzene	10.0	9.52		ug/L		95	70 - 130
1,4-Dichlorobenzene	10.0	9.74		ug/L		97	70 - 130
Dichlorobromomethane	10.0	8.94		ug/L		89	70 - 130
Dichlorodifluoromethane	10.0	8.41		ug/L		84	16 - 149
1,1-Dichloroethane	10.0	8.95		ug/L		90	66 - 130
1,2-Dichloroethane	10.0	8.44		ug/L		84	70 - 130
1,1-Dichloroethene	10.0	8.81		ug/L		88	51 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167081/4
Matrix: Water
Analysis Batch: 167081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	10.0	8.99		ug/L		90	70 - 130
1,3-Dichloropropane	10.0	9.05		ug/L		90	70 - 130
2,2-Dichloropropane	10.0	8.33		ug/L		83	66 - 134
1,1-Dichloropropene	10.0	9.28		ug/L		93	65 - 136
Ethylbenzene	10.0	9.39		ug/L		94	70 - 130
Ethylene Dibromide	10.0	9.44		ug/L		94	66 - 130
Hexachlorobutadiene	10.0	10.2		ug/L		102	62 - 143
2-Hexanone	100	77.5		ug/L		78	60 - 148
Isopropylbenzene	10.0	9.26		ug/L		93	62 - 130
4-Isopropyltoluene	10.0	9.02		ug/L		90	65 - 134
Methylene Chloride	10.0	9.65		ug/L		97	57 - 130
4-Methyl-2-pentanone (MIBK)	100	72.0		ug/L		72	64 - 137
Methyl tert-butyl ether	10.0	7.91		ug/L		79	67 - 130
Naphthalene	10.0	8.72		ug/L		87	50 - 136
n-Butylbenzene	10.0	8.86		ug/L		89	61 - 131
N-Propylbenzene	10.0	8.78		ug/L		88	67 - 130
o-Xylene	10.0	9.03		ug/L		90	69 - 130
sec-Butylbenzene	10.0	9.31		ug/L		93	68 - 133
Styrene	10.0	9.34		ug/L		93	68 - 131
tert-Butylbenzene	10.0	9.09		ug/L		91	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.41		ug/L		94	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.72		ug/L		87	70 - 130
Tetrachloroethene	10.0	9.76		ug/L		98	50 - 143
Toluene	10.0	9.17		ug/L		92	70 - 131
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	62 - 139
trans-1,3-Dichloropropene	10.0	8.77		ug/L		88	67 - 130
1,2,3-Trichlorobenzene	10.0	9.65		ug/L		97	58 - 132
1,2,4-Trichlorobenzene	10.0	9.66		ug/L		97	66 - 130
1,1,1-Trichloroethane	10.0	9.35		ug/L		93	63 - 132
1,1,2-Trichloroethane	10.0	9.18		ug/L		92	70 - 130
Trichloroethene	10.0	10.4		ug/L		104	63 - 139
Trichlorofluoromethane	10.0	8.44		ug/L		84	62 - 146
1,2,3-Trichloropropane	10.0	9.24		ug/L		92	66 - 130
1,2,4-Trimethylbenzene	10.0	8.82		ug/L		88	70 - 132
1,3,5-Trimethylbenzene	10.0	9.05		ug/L		91	65 - 134
Vinyl chloride	10.0	9.42		ug/L		94	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 660-167081/5
Matrix: Water
Analysis Batch: 167081

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	84.9		ug/L		85	62 - 142	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-167081/5
Matrix: Water
Analysis Batch: 167081

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	9.06		ug/L		91	68 - 134	2	30
Bromobenzene	10.0	9.32		ug/L		93	70 - 130	1	30
Bromoform	10.0	8.75		ug/L		88	65 - 130	2	30
Bromomethane	10.0	7.86		ug/L		79	22 - 150	2	30
2-Butanone (MEK)	100	81.2		ug/L		81	63 - 140	1	30
Carbon disulfide	10.0	9.11		ug/L		91	30 - 150	4	30
Carbon tetrachloride	10.0	9.90		ug/L		99	61 - 134	1	30
Chlorobenzene	10.0	9.38		ug/L		94	70 - 130	0	30
Chlorobromomethane	10.0	9.53		ug/L		95	70 - 130	9	30
Chlorodibromomethane	10.0	9.30		ug/L		93	70 - 130	4	30
Chloroethane	10.0	9.75		ug/L		97	39 - 150	10	30
Chloroform	10.0	8.91		ug/L		89	68 - 130	3	30
Chloromethane	10.0	7.80		ug/L		78	35 - 150	23	30
2-Chlorotoluene	10.0	8.86		ug/L		89	70 - 130	2	30
4-Chlorotoluene	10.0	9.08		ug/L		91	70 - 130	0	30
cis-1,2-Dichloroethene	10.0	8.53		ug/L		85	66 - 130	4	30
cis-1,3-Dichloropropene	10.0	8.54		ug/L		85	70 - 130	4	30
1,2-Dibromo-3-Chloropropane	10.0	8.30		ug/L		83	63 - 130	4	30
Dibromomethane	10.0	8.70		ug/L		87	70 - 130	6	30
1,2-Dichlorobenzene	10.0	9.48		ug/L		95	70 - 130	1	30
1,3-Dichlorobenzene	10.0	9.14		ug/L		91	70 - 130	4	30
1,4-Dichlorobenzene	10.0	9.34		ug/L		93	70 - 130	4	30
Dichlorobromomethane	10.0	9.01		ug/L		90	70 - 130	1	30
Dichlorodifluoromethane	10.0	7.49		ug/L		75	16 - 149	12	30
1,1-Dichloroethane	10.0	8.81		ug/L		88	66 - 130	2	30
1,2-Dichloroethane	10.0	8.40		ug/L		84	70 - 130	0	30
1,1-Dichloroethene	10.0	8.49		ug/L		85	51 - 150	4	30
1,2-Dichloropropane	10.0	8.33		ug/L		83	70 - 130	8	30
1,3-Dichloropropane	10.0	8.53		ug/L		85	70 - 130	6	30
2,2-Dichloropropane	10.0	8.27		ug/L		83	66 - 134	1	30
1,1-Dichloropropene	10.0	9.05		ug/L		91	65 - 136	2	30
Ethylbenzene	10.0	9.34		ug/L		93	70 - 130	1	30
Ethylene Dibromide	10.0	9.37		ug/L		94	66 - 130	1	30
Hexachlorobutadiene	10.0	9.68		ug/L		97	62 - 143	5	30
2-Hexanone	100	77.2		ug/L		77	60 - 148	0	30
Isopropylbenzene	10.0	9.10		ug/L		91	62 - 130	2	30
4-Isopropyltoluene	10.0	8.94		ug/L		89	65 - 134	1	30
Methylene Chloride	10.0	9.44		ug/L		94	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)	100	73.6		ug/L		74	64 - 137	2	30
Methyl tert-butyl ether	10.0	7.96		ug/L		80	67 - 130	1	30
Naphthalene	10.0	8.61		ug/L		86	50 - 136	1	30
n-Butylbenzene	10.0	8.53		ug/L		85	61 - 131	4	30
N-Propylbenzene	10.0	8.77		ug/L		88	67 - 130	0	30
o-Xylene	10.0	8.77		ug/L		88	69 - 130	3	30
sec-Butylbenzene	10.0	9.09		ug/L		91	68 - 133	2	30
Styrene	10.0	9.16		ug/L		92	68 - 131	2	30
tert-Butylbenzene	10.0	9.08		ug/L		91	64 - 130	0	30
1,1,1,2-Tetrachloroethane	10.0	8.96		ug/L		90	70 - 130	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-167081/5
Matrix: Water
Analysis Batch: 167081

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane			10.0	8.29		ug/L		83	70 - 130	5	30
Tetrachloroethene			10.0	9.58		ug/L		96	50 - 143	2	30
Toluene			10.0	9.13		ug/L		91	70 - 131	0	30
trans-1,2-Dichloroethene			10.0	9.41		ug/L		94	62 - 139	8	30
trans-1,3-Dichloropropene			10.0	8.22		ug/L		82	67 - 130	7	30
1,2,3-Trichlorobenzene			10.0	8.96		ug/L		90	58 - 132	7	30
1,2,4-Trichlorobenzene			10.0	9.50		ug/L		95	66 - 130	2	30
1,1,1-Trichloroethane			10.0	9.28		ug/L		93	63 - 132	1	30
1,1,2-Trichloroethane			10.0	9.13		ug/L		91	70 - 130	1	30
Trichloroethene			10.0	9.97		ug/L		100	63 - 139	5	30
Trichlorofluoromethane			10.0	8.06		ug/L		81	62 - 146	5	30
1,2,3-Trichloropropane			10.0	8.84		ug/L		88	66 - 130	4	30
1,2,4-Trimethylbenzene			10.0	8.58		ug/L		86	70 - 132	3	30
1,3,5-Trimethylbenzene			10.0	8.77		ug/L		88	65 - 134	3	30
Vinyl chloride			10.0	7.80		ug/L		78	48 - 147	19	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-72281-3 MS
Matrix: Water
Analysis Batch: 167081

Client Sample ID: MW-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	67.6		ug/L		68	62 - 142
Benzene	0.50	U	10.0	8.52		ug/L		85	68 - 134
Bromobenzene	0.58	U	10.0	8.90		ug/L		89	70 - 130
Bromoform	0.63	U	10.0	8.18		ug/L		82	65 - 130
Bromomethane	2.5	U	10.0	9.14		ug/L		91	22 - 150
2-Butanone (MEK)	8.4	U	100	70.2		ug/L		70	63 - 140
Carbon disulfide	1.0	U	10.0	8.80		ug/L		88	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.33		ug/L		93	61 - 134
Chlorobenzene	0.63	U	10.0	9.07		ug/L		91	70 - 130
Chlorobromomethane	0.58	U	10.0	9.25		ug/L		93	70 - 130
Chlorodibromomethane	0.31	U	10.0	8.39		ug/L		84	70 - 130
Chloroethane	2.5	U	10.0	13.0		ug/L		130	39 - 150
Chloroform	0.90	U	10.0	8.39		ug/L		84	68 - 130
Chloromethane	1.0	U	10.0	8.33		ug/L		83	35 - 150
2-Chlorotoluene	0.65	U	10.0	8.85		ug/L		88	70 - 130
4-Chlorotoluene	0.52	U	10.0	8.55		ug/L		85	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	7.92		ug/L		79	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.61		ug/L		76	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.37		ug/L		74	63 - 130
Dibromomethane	0.46	U	10.0	8.87		ug/L		89	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.03		ug/L		90	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.15		ug/L		91	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72281-3 MS
Matrix: Water
Analysis Batch: 167081

Client Sample ID: MW-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.60	U	10.0	8.87		ug/L		89	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.67		ug/L		87	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	8.46		ug/L		85	16 - 149
1,1-Dichloroethane	0.52	U	10.0	8.43		ug/L		84	66 - 130
1,2-Dichloroethane	0.57	U	10.0	7.69		ug/L		77	70 - 130
1,1-Dichloroethene	0.67	U	10.0	7.76		ug/L		78	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.49		ug/L		85	70 - 130
1,3-Dichloropropane	0.42	U	10.0	7.83		ug/L		78	70 - 130
2,2-Dichloropropane	0.36	U	10.0	8.05		ug/L		80	66 - 134
1,1-Dichloropropene	0.65	U	10.0	8.41		ug/L		84	65 - 136
Ethylbenzene	0.44	U	10.0	8.57		ug/L		86	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.35		ug/L		84	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.54		ug/L		95	62 - 143
2-Hexanone	4.4	U	100	68.4		ug/L		68	60 - 148
Isopropylbenzene	0.52	U	10.0	8.75		ug/L		87	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.66		ug/L		87	65 - 134
Methylene Chloride	4.0	U	10.0	8.63		ug/L		86	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	64.6		ug/L		65	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	7.20		ug/L		72	67 - 130
Naphthalene	2.5	U	10.0	7.21		ug/L		72	50 - 136
n-Butylbenzene	0.67	U	10.0	8.22		ug/L		82	61 - 131
N-Propylbenzene	0.59	U	10.0	8.44		ug/L		84	67 - 130
o-Xylene	0.50	U	10.0	8.62		ug/L		86	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.63		ug/L		86	68 - 133
Styrene	0.98	U	10.0	8.41		ug/L		84	68 - 131
tert-Butylbenzene	0.84	U	10.0	8.50		ug/L		85	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.38		ug/L		84	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	7.54		ug/L		75	70 - 130
Tetrachloroethene	0.50	U	10.0	9.36		ug/L		94	50 - 143
Toluene	0.51	U	10.0	9.10		ug/L		91	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.39		ug/L		94	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.48		ug/L		75	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.50		ug/L		85	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.68		ug/L		87	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.17		ug/L		92	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	8.66		ug/L		87	70 - 130
Trichloroethene	0.61	U	10.0	9.52		ug/L		95	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.43		ug/L		94	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	7.69		ug/L		77	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	8.28		ug/L		83	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	8.21		ug/L		82	65 - 134
Vinyl chloride	0.71	U	10.0	9.59		ug/L		96	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72281-2 DU
Matrix: Water
Analysis Batch: 167081

Client Sample ID: MW-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Isopropylbenzene	0.52	U	0.52	U	ug/L		NC	30
4-Isopropyltoluene	0.69	U	0.69	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30
Methyl tert-butyl ether	0.44	U	0.44	U	ug/L		NC	30
m-Xylene & p-Xylene	0.60	U	0.60	U	ug/L		NC	30
Naphthalene	2.5	U	2.5	U	ug/L		NC	30
n-Butylbenzene	0.67	U	0.67	U	ug/L		NC	30
N-Propylbenzene	0.59	U	0.59	U	ug/L		NC	30
o-Xylene	0.50	U	0.50	U	ug/L		NC	30
sec-Butylbenzene	0.63	U	0.63	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72281-2 DU
Matrix: Water
Analysis Batch: 167081

Client Sample ID: MW-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 660-167110/7
Matrix: Water
Analysis Batch: 167110

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/08/16 09:52	1
Benzene	0.50	U	1.0	0.50	ug/L			03/08/16 09:52	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/08/16 09:52	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/08/16 09:52	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/08/16 09:52	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/08/16 09:52	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/08/16 09:52	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/08/16 09:52	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/08/16 09:52	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/08/16 09:52	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/08/16 09:52	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/08/16 09:52	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/08/16 09:52	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/08/16 09:52	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/08/16 09:52	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/08/16 09:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/08/16 09:52	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/08/16 09:52	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/08/16 09:52	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/08/16 09:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167110/7
Matrix: Water
Analysis Batch: 167110

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/08/16 09:52	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/08/16 09:52	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/08/16 09:52	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/08/16 09:52	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/08/16 09:52	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/08/16 09:52	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/08/16 09:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/08/16 09:52	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/08/16 09:52	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/08/16 09:52	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/08/16 09:52	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/08/16 09:52	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/08/16 09:52	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/08/16 09:52	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/08/16 09:52	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/08/16 09:52	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/08/16 09:52	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/08/16 09:52	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/08/16 09:52	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/08/16 09:52	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/08/16 09:52	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/08/16 09:52	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/08/16 09:52	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/08/16 09:52	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/08/16 09:52	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/08/16 09:52	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/08/16 09:52	1
Styrene	0.98	U	2.0	0.98	ug/L			03/08/16 09:52	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/08/16 09:52	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/08/16 09:52	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/08/16 09:52	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/08/16 09:52	1
Toluene	0.51	U	1.0	0.51	ug/L			03/08/16 09:52	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/08/16 09:52	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/08/16 09:52	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/08/16 09:52	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/08/16 09:52	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/08/16 09:52	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/08/16 09:52	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/08/16 09:52	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/08/16 09:52	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/08/16 09:52	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/08/16 09:52	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/08/16 09:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/08/16 09:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/08/16 09:52*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167110/7
Matrix: Water
Analysis Batch: 167110

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	103		70 - 130		03/08/16 09:52	1
Toluene-d8 (Surr)	97		70 - 130		03/08/16 09:52	1

Lab Sample ID: LCS 660-167110/4
Matrix: Water
Analysis Batch: 167110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	95.1		ug/L		95	62 - 142
Benzene	10.0	9.11		ug/L		91	68 - 134
Bromobenzene	10.0	9.52		ug/L		95	70 - 130
Bromoform	10.0	9.16		ug/L		92	65 - 130
Bromomethane	10.0	7.48		ug/L		75	22 - 150
2-Butanone (MEK)	100	91.2		ug/L		91	63 - 140
Carbon disulfide	10.0	9.32		ug/L		93	30 - 150
Carbon tetrachloride	10.0	10.1		ug/L		101	61 - 134
Chlorobenzene	10.0	9.37		ug/L		94	70 - 130
Chlorobromomethane	10.0	9.66		ug/L		97	70 - 130
Chlorodibromomethane	10.0	9.76		ug/L		98	70 - 130
Chloroethane	10.0	8.36		ug/L		84	39 - 150
Chloroform	10.0	8.97		ug/L		90	68 - 130
Chloromethane	10.0	8.98		ug/L		90	35 - 150
2-Chlorotoluene	10.0	8.98		ug/L		90	70 - 130
4-Chlorotoluene	10.0	8.76		ug/L		88	70 - 130
cis-1,2-Dichloroethene	10.0	8.63		ug/L		86	66 - 130
cis-1,3-Dichloropropene	10.0	8.61		ug/L		86	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.18		ug/L		92	63 - 130
Dibromomethane	10.0	9.43		ug/L		94	70 - 130
1,2-Dichlorobenzene	10.0	9.40		ug/L		94	70 - 130
1,3-Dichlorobenzene	10.0	9.24		ug/L		92	70 - 130
1,4-Dichlorobenzene	10.0	9.49		ug/L		95	70 - 130
Dichlorobromomethane	10.0	9.43		ug/L		94	70 - 130
Dichlorodifluoromethane	10.0	9.02		ug/L		90	16 - 149
1,1-Dichloroethane	10.0	9.00		ug/L		90	66 - 130
1,2-Dichloroethane	10.0	8.51		ug/L		85	70 - 130
1,1-Dichloroethene	10.0	8.51		ug/L		85	51 - 150
1,2-Dichloropropane	10.0	9.03		ug/L		90	70 - 130
1,3-Dichloropropane	10.0	9.04		ug/L		90	70 - 130
2,2-Dichloropropane	10.0	8.63		ug/L		86	66 - 134
1,1-Dichloropropene	10.0	9.45		ug/L		94	65 - 136
Ethylbenzene	10.0	9.08		ug/L		91	70 - 130
Ethylene Dibromide	10.0	9.67		ug/L		97	66 - 130
Hexachlorobutadiene	10.0	10.2		ug/L		102	62 - 143
2-Hexanone	100	90.2		ug/L		90	60 - 148
Isopropylbenzene	10.0	9.09		ug/L		91	62 - 130
4-Isopropyltoluene	10.0	8.90		ug/L		89	65 - 134
Methylene Chloride	10.0	10.0		ug/L		100	57 - 130
4-Methyl-2-pentanone (MIBK)	100	81.4		ug/L		81	64 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167110/4
Matrix: Water
Analysis Batch: 167110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	10.0	8.29		ug/L		83	67 - 130
Naphthalene	10.0	8.61		ug/L		86	50 - 136
n-Butylbenzene	10.0	8.65		ug/L		87	61 - 131
N-Propylbenzene	10.0	8.69		ug/L		87	67 - 130
o-Xylene	10.0	8.75		ug/L		87	69 - 130
sec-Butylbenzene	10.0	9.13		ug/L		91	68 - 133
Styrene	10.0	9.09		ug/L		91	68 - 131
tert-Butylbenzene	10.0	8.87		ug/L		89	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.04		ug/L		90	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.61		ug/L		86	70 - 130
Tetrachloroethene	10.0	9.85		ug/L		99	50 - 143
Toluene	10.0	8.97		ug/L		90	70 - 131
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	62 - 139
trans-1,3-Dichloropropene	10.0	8.43		ug/L		84	67 - 130
1,2,3-Trichlorobenzene	10.0	9.27		ug/L		93	58 - 132
1,2,4-Trichlorobenzene	10.0	9.33		ug/L		93	66 - 130
1,1,1-Trichloroethane	10.0	9.62		ug/L		96	63 - 132
1,1,2-Trichloroethane	10.0	9.33		ug/L		93	70 - 130
Trichloroethene	10.0	10.3		ug/L		103	63 - 139
Trichlorofluoromethane	10.0	9.30		ug/L		93	62 - 146
1,2,3-Trichloropropane	10.0	8.67		ug/L		87	66 - 130
1,2,4-Trimethylbenzene	10.0	8.55		ug/L		85	70 - 132
1,3,5-Trimethylbenzene	10.0	8.92		ug/L		89	65 - 134
Vinyl chloride	10.0	9.96		ug/L		100	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 660-167110/5
Matrix: Water
Analysis Batch: 167110

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	95.4		ug/L		95	62 - 142	0	30
Benzene	10.0	9.41		ug/L		94	68 - 134	3	30
Bromobenzene	10.0	10.0		ug/L		100	70 - 130	5	30
Bromoform	10.0	9.79		ug/L		98	65 - 130	7	30
Bromomethane	10.0	7.76		ug/L		78	22 - 150	4	30
2-Butanone (MEK)	100	95.0		ug/L		95	63 - 140	4	30
Carbon disulfide	10.0	9.74		ug/L		97	30 - 150	4	30
Carbon tetrachloride	10.0	10.1		ug/L		101	61 - 134	1	30
Chlorobenzene	10.0	9.77		ug/L		98	70 - 130	4	30
Chlorobromomethane	10.0	10.2		ug/L		102	70 - 130	5	30
Chlorodibromomethane	10.0	10.1		ug/L		101	70 - 130	3	30
Chloroethane	10.0	9.34		ug/L		93	39 - 150	11	30
Chloroform	10.0	9.31		ug/L		93	68 - 130	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-167110/5
Matrix: Water
Analysis Batch: 167110

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	10.0	8.97		ug/L		90	35 - 150	0	30
2-Chlorotoluene	10.0	9.48		ug/L		95	70 - 130	5	30
4-Chlorotoluene	10.0	9.15		ug/L		92	70 - 130	4	30
cis-1,2-Dichloroethene	10.0	8.97		ug/L		90	66 - 130	4	30
cis-1,3-Dichloropropene	10.0	9.34		ug/L		93	70 - 130	8	30
1,2-Dibromo-3-Chloropropane	10.0	8.74		ug/L		87	63 - 130	5	30
Dibromomethane	10.0	10.1		ug/L		101	70 - 130	7	30
1,2-Dichlorobenzene	10.0	9.86		ug/L		99	70 - 130	5	30
1,3-Dichlorobenzene	10.0	9.95		ug/L		100	70 - 130	7	30
1,4-Dichlorobenzene	10.0	9.72		ug/L		97	70 - 130	2	30
Dichlorobromomethane	10.0	9.75		ug/L		98	70 - 130	3	30
Dichlorodifluoromethane	10.0	8.45		ug/L		85	16 - 149	7	30
1,1-Dichloroethane	10.0	9.38		ug/L		94	66 - 130	4	30
1,2-Dichloroethane	10.0	9.08		ug/L		91	70 - 130	6	30
1,1-Dichloroethene	10.0	8.83		ug/L		88	51 - 150	4	30
1,2-Dichloropropane	10.0	9.48		ug/L		95	70 - 130	5	30
1,3-Dichloropropane	10.0	9.27		ug/L		93	70 - 130	3	30
2,2-Dichloropropane	10.0	8.73		ug/L		87	66 - 134	1	30
1,1-Dichloropropene	10.0	9.67		ug/L		97	65 - 136	2	30
Ethylbenzene	10.0	9.53		ug/L		95	70 - 130	5	30
Ethylene Dibromide	10.0	9.86		ug/L		99	66 - 130	2	30
Hexachlorobutadiene	10.0	10.1		ug/L		101	62 - 143	1	30
2-Hexanone	100	92.5		ug/L		92	60 - 148	3	30
Isopropylbenzene	10.0	9.22		ug/L		92	62 - 130	1	30
4-Isopropyltoluene	10.0	9.17		ug/L		92	65 - 134	3	30
Methylene Chloride	10.0	9.91		ug/L		99	57 - 130	1	30
4-Methyl-2-pentanone (MIBK)	100	84.6		ug/L		85	64 - 137	4	30
Methyl tert-butyl ether	10.0	8.74		ug/L		87	67 - 130	5	30
Naphthalene	10.0	9.35		ug/L		94	50 - 136	8	30
n-Butylbenzene	10.0	8.96		ug/L		90	61 - 131	4	30
N-Propylbenzene	10.0	9.08		ug/L		91	67 - 130	4	30
o-Xylene	10.0	9.16		ug/L		92	69 - 130	5	30
sec-Butylbenzene	10.0	9.32		ug/L		93	68 - 133	2	30
Styrene	10.0	9.44		ug/L		94	68 - 131	4	30
tert-Butylbenzene	10.0	9.33		ug/L		93	64 - 130	5	30
1,1,1,2-Tetrachloroethane	10.0	9.67		ug/L		97	70 - 130	7	30
1,1,2,2-Tetrachloroethane	10.0	9.35		ug/L		94	70 - 130	8	30
Tetrachloroethene	10.0	9.70		ug/L		97	50 - 143	2	30
Toluene	10.0	9.48		ug/L		95	70 - 131	6	30
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	62 - 139	2	30
trans-1,3-Dichloropropene	10.0	9.05		ug/L		90	67 - 130	7	30
1,2,3-Trichlorobenzene	10.0	9.98		ug/L		100	58 - 132	7	30
1,2,4-Trichlorobenzene	10.0	9.80		ug/L		98	66 - 130	5	30
1,1,1-Trichloroethane	10.0	9.89		ug/L		99	63 - 132	3	30
1,1,2-Trichloroethane	10.0	10.1		ug/L		101	70 - 130	8	30
Trichloroethene	10.0	10.4		ug/L		104	63 - 139	1	30
Trichlorofluoromethane	10.0	11.6		ug/L		116	62 - 146	22	30
1,2,3-Trichloropropane	10.0	10.5		ug/L		105	66 - 130	19	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-167110/5
Matrix: Water
Analysis Batch: 167110

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene			10.0	9.04		ug/L		90	70 - 132	6	30
1,3,5-Trimethylbenzene			10.0	9.17		ug/L		92	65 - 134	3	30
Vinyl chloride			10.0	9.98		ug/L		100	48 - 147	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-72281-18 MS
Matrix: Water
Analysis Batch: 167110

Client Sample ID: MW-254
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	200	U	2000	1750		ug/L		88	62 - 142
Benzene	10	U	200	184		ug/L		92	68 - 134
Bromobenzene	12	U	200	189		ug/L		95	70 - 130
Bromoform	13	U	200	201		ug/L		101	65 - 130
Bromomethane	50	U	200	135		ug/L		67	22 - 150
2-Butanone (MEK)	170	U	2000	1740		ug/L		87	63 - 140
Carbon disulfide	20	U	200	183		ug/L		91	30 - 150
Carbon tetrachloride	8.6	U	200	203		ug/L		101	61 - 134
Chlorobenzene	13	U	200	193		ug/L		97	70 - 130
Chlorobromomethane	12	U	200	206		ug/L		103	70 - 130
Chlorodibromomethane	6.2	U	200	207		ug/L		103	70 - 130
Chloroethane	50	U	200	179		ug/L		90	39 - 150
Chloroform	18	U	200	187		ug/L		94	68 - 130
Chloromethane	20	U	200	173		ug/L		86	35 - 150
2-Chlorotoluene	13	U	200	188		ug/L		94	70 - 130
4-Chlorotoluene	10	U	200	183		ug/L		91	70 - 130
cis-1,2-Dichloroethene	13	U	200	181		ug/L		90	66 - 130
cis-1,3-Dichloropropene	7.8	U	200	182		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	50	U	200	184		ug/L		92	63 - 130
Dibromomethane	9.2	U	200	200		ug/L		100	70 - 130
1,2-Dichlorobenzene	9.8	U	200	199		ug/L		99	70 - 130
1,3-Dichlorobenzene	13	U	200	201		ug/L		100	70 - 130
1,4-Dichlorobenzene	12	U	200	200		ug/L		100	70 - 130
Dichlorobromomethane	8.8	U	200	191		ug/L		95	70 - 130
Dichlorodifluoromethane	50	U	200	155		ug/L		77	16 - 149
1,1-Dichloroethane	10	U	200	190		ug/L		95	66 - 130
1,2-Dichloroethane	11	U	200	181		ug/L		91	70 - 130
1,1-Dichloroethene	13	U	200	175		ug/L		87	51 - 150
1,2-Dichloropropane	10	U	200	175		ug/L		88	70 - 130
1,3-Dichloropropane	8.4	U	200	190		ug/L		95	70 - 130
2,2-Dichloropropane	7.2	U	200	171		ug/L		86	66 - 134
1,1-Dichloropropene	13	U	200	190		ug/L		95	65 - 136
Ethylbenzene	8.8	U	200	189		ug/L		94	70 - 130
Ethylene Dibromide	10	U	200	198		ug/L		99	66 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72281-18 MS
Matrix: Water
Analysis Batch: 167110

Client Sample ID: MW-254
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	6.8	U	200	203		ug/L		102	62 - 143
2-Hexanone	88	U	2000	1720		ug/L		86	60 - 148
Isopropylbenzene	10	U	200	185		ug/L		92	62 - 130
4-Isopropyltoluene	14	U	200	186		ug/L		93	65 - 134
Methylene Chloride	80	U	200	195		ug/L		98	57 - 130
4-Methyl-2-pentanone (MIBK)	80	U	2000	1670		ug/L		84	64 - 137
Methyl tert-butyl ether	8.8	U	200	168		ug/L		84	67 - 130
Naphthalene	50	U	200	177		ug/L		88	50 - 136
n-Butylbenzene	13	U	200	181		ug/L		91	61 - 131
N-Propylbenzene	12	U	200	182		ug/L		91	67 - 130
o-Xylene	10	U	200	181		ug/L		90	69 - 130
sec-Butylbenzene	13	U	200	187		ug/L		93	68 - 133
Styrene	20	U	200	183		ug/L		92	68 - 131
tert-Butylbenzene	17	U	200	180		ug/L		90	64 - 130
1,1,1,2-Tetrachloroethane	13	U	200	190		ug/L		95	70 - 130
1,1,2,2-Tetrachloroethane	3.4	U	200	183		ug/L		91	70 - 130
Tetrachloroethene	610		200	719		ug/L		56	50 - 143
Toluene	10	U	200	190		ug/L		95	70 - 131
trans-1,2-Dichloroethene	13	U	200	199		ug/L		99	62 - 139
trans-1,3-Dichloropropene	5.4	U	200	174		ug/L		87	67 - 130
1,2,3-Trichlorobenzene	15	U	200	194		ug/L		97	58 - 132
1,2,4-Trichlorobenzene	12	U	200	192		ug/L		96	66 - 130
1,1,1-Trichloroethane	9.4	U	200	197		ug/L		98	63 - 132
1,1,2-Trichloroethane	9.4	U	200	204		ug/L		102	70 - 130
Trichloroethene	130		200	318		ug/L		93	63 - 139
Trichlorofluoromethane	50	U	200	197		ug/L		99	62 - 146
1,2,3-Trichloropropane	8.8	U	200	202		ug/L		101	66 - 130
1,2,4-Trimethylbenzene	17	U	200	179		ug/L		89	70 - 132
1,3,5-Trimethylbenzene	11	U	200	187		ug/L		93	65 - 134
Vinyl chloride	14	U	200	198		ug/L		99	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-72281-18 MSD
Matrix: Water
Analysis Batch: 167110

Client Sample ID: MW-254
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	200	U	2000	1800		ug/L		90	62 - 142	3	30
Benzene	10	U	200	208		ug/L		104	68 - 134	12	30
Bromobenzene	12	U	200	211		ug/L		105	70 - 130	11	30
Bromoform	13	U	200	205		ug/L		103	65 - 130	2	30
Bromomethane	50	U	200	147		ug/L		74	22 - 150	9	30
2-Butanone (MEK)	170	U	2000	1920		ug/L		96	63 - 140	10	30
Carbon disulfide	20	U	200	203		ug/L		102	30 - 150	10	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72281-18 MSD
Matrix: Water
Analysis Batch: 167110

Client Sample ID: MW-254
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	8.6	U	200	229		ug/L		114	61 - 134	12	30
Chlorobenzene	13	U	200	210		ug/L		105	70 - 130	8	30
Chlorobromomethane	12	U	200	222		ug/L		111	70 - 130	7	30
Chlorodibromomethane	6.2	U	200	215		ug/L		107	70 - 130	4	30
Chloroethane	50	U	200	178		ug/L		89	39 - 150	1	30
Chloroform	18	U	200	207		ug/L		104	68 - 130	10	30
Chloromethane	20	U	200	185		ug/L		92	35 - 150	7	30
2-Chlorotoluene	13	U	200	205		ug/L		103	70 - 130	9	30
4-Chlorotoluene	10	U	200	202		ug/L		101	70 - 130	10	30
cis-1,2-Dichloroethene	13	U	200	202		ug/L		101	66 - 130	11	30
cis-1,3-Dichloropropene	7.8	U	200	197		ug/L		99	70 - 130	8	30
1,2-Dibromo-3-Chloropropane	50	U	200	182		ug/L		91	63 - 130	1	30
Dibromomethane	9.2	U	200	215		ug/L		108	70 - 130	7	30
1,2-Dichlorobenzene	9.8	U	200	210		ug/L		105	70 - 130	6	30
1,3-Dichlorobenzene	13	U	200	211		ug/L		106	70 - 130	5	30
1,4-Dichlorobenzene	12	U	200	212		ug/L		106	70 - 130	6	30
Dichlorobromomethane	8.8	U	200	212		ug/L		106	70 - 130	11	30
Dichlorodifluoromethane	50	U	200	142		ug/L		71	16 - 149	9	30
1,1-Dichloroethane	10	U	200	200		ug/L		100	66 - 130	5	30
1,2-Dichloroethane	11	U	200	197		ug/L		98	70 - 130	8	30
1,1-Dichloroethene	13	U	200	186		ug/L		93	51 - 150	6	30
1,2-Dichloropropane	10	U	200	195		ug/L		98	70 - 130	11	30
1,3-Dichloropropane	8.4	U	200	204		ug/L		102	70 - 130	7	30
2,2-Dichloropropane	7.2	U	200	190		ug/L		95	66 - 134	10	30
1,1-Dichloropropene	13	U	200	211		ug/L		105	65 - 136	10	30
Ethylbenzene	8.8	U	200	207		ug/L		103	70 - 130	9	30
Ethylene Dibromide	10	U	200	217		ug/L		109	66 - 130	9	30
Hexachlorobutadiene	6.8	U	200	220		ug/L		110	62 - 143	8	30
2-Hexanone	88	U	2000	1920		ug/L		96	60 - 148	11	30
Isopropylbenzene	10	U	200	202		ug/L		101	62 - 130	9	30
4-Isopropyltoluene	14	U	200	200		ug/L		100	65 - 134	7	30
Methylene Chloride	80	U	200	210		ug/L		105	57 - 130	7	30
4-Methyl-2-pentanone (MIBK)	80	U	2000	1760		ug/L		88	64 - 137	5	30
Methyl tert-butyl ether	8.8	U	200	185		ug/L		92	67 - 130	10	30
Naphthalene	50	U	200	195		ug/L		97	50 - 136	10	30
n-Butylbenzene	13	U	200	194		ug/L		97	61 - 131	7	30
N-Propylbenzene	12	U	200	193		ug/L		97	67 - 130	6	30
o-Xylene	10	U	200	202		ug/L		101	69 - 130	11	30
sec-Butylbenzene	13	U	200	205		ug/L		102	68 - 133	9	30
Styrene	20	U	200	202		ug/L		101	68 - 131	10	30
tert-Butylbenzene	17	U	200	201		ug/L		100	64 - 130	11	30
1,1,1,2-Tetrachloroethane	13	U	200	195		ug/L		98	70 - 130	3	30
1,1,2,2-Tetrachloroethane	3.4	U	200	194		ug/L		97	70 - 130	6	30
Tetrachloroethene	610		200	740		ug/L		67	50 - 143	3	30
Toluene	10	U	200	205		ug/L		103	70 - 131	8	30
trans-1,2-Dichloroethene	13	U	200	219		ug/L		110	62 - 139	10	30
trans-1,3-Dichloropropene	5.4	U	200	192		ug/L		96	67 - 130	10	30
1,2,3-Trichlorobenzene	15	U	200	215		ug/L		108	58 - 132	11	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72281-18 MSD
Matrix: Water
Analysis Batch: 167110

Client Sample ID: MW-254
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	12	U	200	205		ug/L		103	66 - 130	7	30
1,1,1-Trichloroethane	9.4	U	200	210		ug/L		105	63 - 132	6	30
1,1,2-Trichloroethane	9.4	U	200	212		ug/L		106	70 - 130	4	30
Trichloroethene	130		200	345		ug/L		106	63 - 139	8	30
Trichlorofluoromethane	50	U	200	247		ug/L		124	62 - 146	23	30
1,2,3-Trichloropropane	8.8	U	200	209		ug/L		104	66 - 130	3	30
1,2,4-Trimethylbenzene	17	U	200	192		ug/L		96	70 - 132	7	30
1,3,5-Trimethylbenzene	11	U	200	198		ug/L		99	65 - 134	6	30
Vinyl chloride	14	U	200	208		ug/L		104	48 - 147	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-166790/7
Matrix: Water
Analysis Batch: 166790

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/26/16 11:31	1

Lab Sample ID: LCS 660-166790/4
Matrix: Water
Analysis Batch: 166790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	9.46		ug/L		95	50 - 150

Lab Sample ID: LCSD 660-166790/5
Matrix: Water
Analysis Batch: 166790

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	8.19		ug/L		82	50 - 150	14	50

Lab Sample ID: 660-72177-C-77 MS
Matrix: Water
Analysis Batch: 166790

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	2.2		10.0	9.68		ug/L		75	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72177-C-77 MSD
Matrix: Water
Analysis Batch: 166790

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	2.2		10.0	11.9		ug/L		97	50 - 150	20	50

Lab Sample ID: MB 660-166856/7
Matrix: Water
Analysis Batch: 166856

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/29/16 12:16	1

Lab Sample ID: LCS 660-166856/4
Matrix: Water
Analysis Batch: 166856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.50		ug/L		75	50 - 150

Lab Sample ID: LCSD 660-166856/5
Matrix: Water
Analysis Batch: 166856

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	9.84		ug/L		98	50 - 150	27	50

Lab Sample ID: 660-72250-15 MS
Matrix: Water
Analysis Batch: 166856

Client Sample ID: MW-72 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	9.77		ug/L		98	50 - 150

Lab Sample ID: 660-72250-15 MSD
Matrix: Water
Analysis Batch: 166856

Client Sample ID: MW-72 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	9.12		ug/L		91	50 - 150	7	50

Lab Sample ID: 660-72250-24 MS
Matrix: Water
Analysis Batch: 166856

Client Sample ID: MW-85 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	50		10.0	62.3		ug/L		119	50 - 150

Lab Sample ID: 660-72250-24 MSD
Matrix: Water
Analysis Batch: 166856

Client Sample ID: MW-85 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	50		10.0	63.0		ug/L		127	50 - 150	1	50

Lab Sample ID: 660-72250-34 MS
Matrix: Water
Analysis Batch: 166856

Client Sample ID: MW-102 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	8.08		ug/L		81	50 - 150		

Lab Sample ID: 660-72250-34 MSD
Matrix: Water
Analysis Batch: 166856

Client Sample ID: MW-102 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	8.87		ug/L		89	50 - 150	9	50

Lab Sample ID: MB 660-166904/7
Matrix: Water
Analysis Batch: 166904

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 14:34	1

Lab Sample ID: LCS 660-166904/4
Matrix: Water
Analysis Batch: 166904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.25		ug/L		83	50 - 150

Lab Sample ID: LCSD 660-166904/5
Matrix: Water
Analysis Batch: 166904

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	8.01		ug/L		80	50 - 150	3	50

Lab Sample ID: 660-72250-38 MS
Matrix: Water
Analysis Batch: 166904

Client Sample ID: MW-104
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	60		10.0	74.0		ug/L		136	50 - 150		

Lab Sample ID: 660-72250-38 MSD
Matrix: Water
Analysis Batch: 166904

Client Sample ID: MW-104
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	60		10.0	71.1		ug/L		107	50 - 150	4	50

Lab Sample ID: MB 660-166949/7
Matrix: Water
Analysis Batch: 166949

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/02/16 14:29	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166949/4
Matrix: Water
Analysis Batch: 166949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	7.47		ug/L		75	50 - 150		

Lab Sample ID: LCSD 660-166949/5
Matrix: Water
Analysis Batch: 166949

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	7.82		ug/L		78	50 - 150	5	50

Lab Sample ID: 660-72281-1 MS
Matrix: Water
Analysis Batch: 166949

Client Sample ID: IWI-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	190	J3	50.0	223		ug/L		57	50 - 150		

Lab Sample ID: 660-72281-1 MSD
Matrix: Water
Analysis Batch: 166949

Client Sample ID: IWI-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	190	J3	50.0	217	J3	ug/L		44	50 - 150	3	50

Lab Sample ID: MB 660-167126/7
Matrix: Water
Analysis Batch: 167126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/08/16 12:14	1

Lab Sample ID: LCS 660-167126/4
Matrix: Water
Analysis Batch: 167126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	10.1		ug/L		101	50 - 150		

Lab Sample ID: LCSD 660-167126/5
Matrix: Water
Analysis Batch: 167126

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.71		ug/L		87	50 - 150	15	50

Lab Sample ID: 660-72468-B-1 MS
Matrix: Water
Analysis Batch: 167126

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	9.87		ug/L		99	50 - 150		

QC Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Lab Sample ID: 660-72468-B-1 MSD
Matrix: Water
Analysis Batch: 167126

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	9.36		ug/L		94	50 - 150	5	50

GC/MS VOA

Analysis Batch: 166790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72177-C-77 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-72177-C-77 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
660-72250-1	MW-27	Total/NA	Water	8260C SIM	
660-72250-2	MW-29	Total/NA	Water	8260C SIM	
660-72250-3	MW-33	Total/NA	Water	8260C SIM	
660-72250-4	MW-34	Total/NA	Water	8260C SIM	
660-72250-5	MW-35	Total/NA	Water	8260C SIM	
660-72250-6	MW-37	Total/NA	Water	8260C SIM	
660-72250-7	MW-43	Total/NA	Water	8260C SIM	
660-72250-8	MW-47	Total/NA	Water	8260C SIM	
660-72250-9	MW-48	Total/NA	Water	8260C SIM	
660-72250-10	MW-54	Total/NA	Water	8260C SIM	
660-72250-11	MW-57	Total/NA	Water	8260C SIM	
660-72250-12	MW-63	Total/NA	Water	8260C SIM	
LCS 660-166790/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166790/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166790/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 166856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72250-13	MW-65	Total/NA	Water	8260C SIM	
660-72250-14	MW-69	Total/NA	Water	8260C SIM	
660-72250-15	MW-72	Total/NA	Water	8260C SIM	
660-72250-15 MS	MW-72 MS	Total/NA	Water	8260C SIM	
660-72250-15 MSD	MW-72 MSD	Total/NA	Water	8260C SIM	
660-72250-16	MW-72(DUP)	Total/NA	Water	8260C SIM	
660-72250-19	MW-75	Total/NA	Water	8260C SIM	
660-72250-20	MW-79	Total/NA	Water	8260C SIM	
660-72250-21	MW-80	Total/NA	Water	8260C SIM	
660-72250-22	MW-81	Total/NA	Water	8260C SIM	
660-72250-23	MW-82	Total/NA	Water	8260C SIM	
660-72250-24	MW-85	Total/NA	Water	8260C SIM	
660-72250-24 MS	MW-85 MS	Total/NA	Water	8260C SIM	
660-72250-24 MSD	MW-85 MSD	Total/NA	Water	8260C SIM	
660-72250-25	MW-85 (DUP)	Total/NA	Water	8260C SIM	
660-72250-28	MW-86R	Total/NA	Water	8260C SIM	
660-72250-29	MW-91	Total/NA	Water	8260C SIM	
660-72250-30	MW-94	Total/NA	Water	8260C SIM	
660-72250-31	MW-98	Total/NA	Water	8260C SIM	
660-72250-32	MW-100	Total/NA	Water	8260C SIM	
660-72250-33	MW-101	Total/NA	Water	8260C SIM	
660-72250-34	MW-102	Total/NA	Water	8260C SIM	
660-72250-34 MS	MW-102 MS	Total/NA	Water	8260C SIM	
660-72250-34 MSD	MW-102 MSD	Total/NA	Water	8260C SIM	
660-72250-35	MW-102 (DUP)	Total/NA	Water	8260C SIM	
LCS 660-166856/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166856/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166856/7	Method Blank	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 166904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72250-38	MW-104	Total/NA	Water	8260C SIM	
660-72250-38 MS	MW-104	Total/NA	Water	8260C SIM	
660-72250-38 MSD	MW-104	Total/NA	Water	8260C SIM	
660-72250-39	MW-108	Total/NA	Water	8260C SIM	
660-72250-40	MW-114	Total/NA	Water	8260C SIM	
660-72250-41	MW-131	Total/NA	Water	8260C SIM	
660-72250-42	MW-133	Total/NA	Water	8260C SIM	
660-72250-43	MW-215	Total/NA	Water	8260C SIM	
660-72250-44	MW-231	Total/NA	Water	8260C SIM	
660-72250-45	MW-239	Total/NA	Water	8260C SIM	
660-72250-46	MW-249	Total/NA	Water	8260C SIM	
660-72250-47	MW-250	Total/NA	Water	8260C SIM	
660-72250-48	MW-255	Total/NA	Water	8260C SIM	
660-72250-49	Blank-32	Total/NA	Water	8260C SIM	
660-72250-50	Blank-33	Total/NA	Water	8260C SIM	
660-72250-51	Blank-34	Total/NA	Water	8260C SIM	
660-72250-52	T Blank 72250	Total/NA	Water	8260C SIM	
LCS 660-166904/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166904/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166904/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 166949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72281-1	IWI-1	Total/NA	Water	8260C SIM	
660-72281-1 MS	IWI-1	Total/NA	Water	8260C SIM	
660-72281-1 MSD	IWI-1	Total/NA	Water	8260C SIM	
660-72281-2	MW-19	Total/NA	Water	8260C SIM	
660-72281-3	MW-23	Total/NA	Water	8260C SIM	
660-72281-4	MW-32	Total/NA	Water	8260C SIM	
660-72281-5	MW-36	Total/NA	Water	8260C SIM	
660-72281-6	MW-40	Total/NA	Water	8260C SIM	
660-72281-7	MW-41	Total/NA	Water	8260C SIM	
660-72281-8	MW-42	Total/NA	Water	8260C SIM	
660-72281-9	MW-44	Total/NA	Water	8260C SIM	
660-72281-10	MW-45	Total/NA	Water	8260C SIM	
660-72281-11	MW-71	Total/NA	Water	8260C SIM	
660-72281-12	MW-128	Total/NA	Water	8260C SIM	
660-72281-13	MW-129	Total/NA	Water	8260C SIM	
660-72281-14	MW-134	Total/NA	Water	8260C SIM	
660-72281-15	MW-158	Total/NA	Water	8260C SIM	
660-72281-16	MW-233	Total/NA	Water	8260C SIM	
660-72281-17	MW-253	Total/NA	Water	8260C SIM	
660-72281-18	MW-254	Total/NA	Water	8260C SIM	
660-72281-19	Trip Blank 72281	Total/NA	Water	8260C SIM	
LCS 660-166949/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166949/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166949/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 167014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72250-1 - DL	MW-27	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 167014 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72250-1	MW-27	Total/NA	Water	8260B	
660-72250-2	MW-29	Total/NA	Water	8260B	
660-72250-3	MW-33	Total/NA	Water	8260B	
660-72250-4	MW-34	Total/NA	Water	8260B	
660-72250-5	MW-35	Total/NA	Water	8260B	
660-72250-6 - DL	MW-37	Total/NA	Water	8260B	
660-72250-6	MW-37	Total/NA	Water	8260B	
660-72250-7	MW-43	Total/NA	Water	8260B	
660-72250-8	MW-47	Total/NA	Water	8260B	
660-72250-9	MW-48	Total/NA	Water	8260B	
660-72250-10	MW-54	Total/NA	Water	8260B	
660-72390-A-2 DU	Duplicate	Total/NA	Water	8260B	
660-72390-D-3 MS	Matrix Spike	Total/NA	Water	8260B	
LCS 660-167014/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-167014/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-167014/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 167066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72250-31	MW-98	Total/NA	Water	8260B	
660-72250-34	MW-102	Total/NA	Water	8260B	
660-72250-34 MS	MW-102 MS	Total/NA	Water	8260B	
660-72250-34 MSD	MW-102 MSD	Total/NA	Water	8260B	
660-72250-40	MW-114	Total/NA	Water	8260B	
660-72250-41	MW-131	Total/NA	Water	8260B	
660-72250-42	MW-133	Total/NA	Water	8260B	
660-72250-43	MW-215	Total/NA	Water	8260B	
660-72250-44	MW-231	Total/NA	Water	8260B	
660-72250-45	MW-239	Total/NA	Water	8260B	
660-72250-46	MW-249	Total/NA	Water	8260B	
660-72250-47	MW-250	Total/NA	Water	8260B	
660-72250-48	MW-255	Total/NA	Water	8260B	
660-72250-49	Blank-32	Total/NA	Water	8260B	
660-72250-50	Blank-33	Total/NA	Water	8260B	
660-72250-51	Blank-34	Total/NA	Water	8260B	
LCS 660-167066/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-167066/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-167066/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 167069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72250-11	MW-57	Total/NA	Water	8260B	
660-72250-12	MW-63	Total/NA	Water	8260B	
660-72250-13	MW-65	Total/NA	Water	8260B	
660-72250-14	MW-69	Total/NA	Water	8260B	
660-72250-15	MW-72	Total/NA	Water	8260B	
660-72250-15 MS	MW-72 MS	Total/NA	Water	8260B	
660-72250-15 MSD	MW-72 MSD	Total/NA	Water	8260B	
660-72250-16	MW-72(DUP)	Total/NA	Water	8260B	
660-72250-19	MW-75	Total/NA	Water	8260B	
660-72250-20	MW-79	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 167069 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72250-21	MW-80	Total/NA	Water	8260B	
660-72250-22	MW-81	Total/NA	Water	8260B	
660-72250-23	MW-82	Total/NA	Water	8260B	
660-72250-25	MW-85 (DUP)	Total/NA	Water	8260B	
660-72250-28	MW-86R	Total/NA	Water	8260B	
660-72250-29	MW-91	Total/NA	Water	8260B	
660-72250-30	MW-94	Total/NA	Water	8260B	
660-72250-32	MW-100	Total/NA	Water	8260B	
660-72250-33	MW-101	Total/NA	Water	8260B	
660-72250-35	MW-102 (DUP)	Total/NA	Water	8260B	
660-72250-38	MW-104	Total/NA	Water	8260B	
660-72250-39	MW-108	Total/NA	Water	8260B	
LCS 660-167069/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-167069/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-167069/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 167075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72250-24	MW-85	Total/NA	Water	8260B	
660-72250-24 MS	MW-85 MS	Total/NA	Water	8260B	
660-72250-24 MSD	MW-85 MSD	Total/NA	Water	8260B	
660-72250-52	T Blank 72250	Total/NA	Water	8260B	
LCS 660-167075/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-167075/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-167075/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 167081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72281-1 - DL	IWI-1	Total/NA	Water	8260B	
660-72281-1	IWI-1	Total/NA	Water	8260B	
660-72281-2	MW-19	Total/NA	Water	8260B	
660-72281-2 DU	MW-19	Total/NA	Water	8260B	
660-72281-3	MW-23	Total/NA	Water	8260B	
660-72281-3 MS	MW-23	Total/NA	Water	8260B	
660-72281-4	MW-32	Total/NA	Water	8260B	
660-72281-5	MW-36	Total/NA	Water	8260B	
660-72281-6	MW-40	Total/NA	Water	8260B	
660-72281-8	MW-42	Total/NA	Water	8260B	
660-72281-9	MW-44	Total/NA	Water	8260B	
660-72281-10	MW-45	Total/NA	Water	8260B	
660-72281-11	MW-71	Total/NA	Water	8260B	
660-72281-12	MW-128	Total/NA	Water	8260B	
660-72281-13	MW-129	Total/NA	Water	8260B	
660-72281-14	MW-134	Total/NA	Water	8260B	
660-72281-15	MW-158	Total/NA	Water	8260B	
660-72281-16	MW-233	Total/NA	Water	8260B	
660-72281-17 - DL	MW-253	Total/NA	Water	8260B	
660-72281-17	MW-253	Total/NA	Water	8260B	
LCS 660-167081/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-167081/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-167081/7	Method Blank	Total/NA	Water	8260B	

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Analysis Batch: 167110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72281-7	MW-41	Total/NA	Water	8260B	
660-72281-18 - DL	MW-254	Total/NA	Water	8260B	
660-72281-18	MW-254	Total/NA	Water	8260B	
660-72281-18 MS	MW-254	Total/NA	Water	8260B	
660-72281-18 MSD	MW-254	Total/NA	Water	8260B	
660-72281-19	Trip Blank 72281	Total/NA	Water	8260B	
660-72417-1	MW-68	Total/NA	Water	8260B	
LCS 660-167110/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-167110/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-167110/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 167126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72417-1	MW-68	Total/NA	Water	8260C SIM	
660-72468-B-1 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-72468-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
LCS 660-167126/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-167126/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-167126/7	Method Blank	Total/NA	Water	8260C SIM	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-27
Date Collected: 02/22/16 14:26
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	167014	03/03/16 23:15	ECC	TAL TAM
Total/NA	Analysis	8260B		2	167014	03/04/16 01:26	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		10	166790	02/26/16 18:47	TGP	TAL TAM

Client Sample ID: MW-29
Date Collected: 02/22/16 14:25
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 21:04	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 15:22	TGP	TAL TAM

Client Sample ID: MW-33
Date Collected: 02/23/16 15:17
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 22:56	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 15:42	TGP	TAL TAM

Client Sample ID: MW-34
Date Collected: 02/23/16 07:01
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 21:23	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 16:01	TGP	TAL TAM

Client Sample ID: MW-35
Date Collected: 02/23/16 07:20
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 21:42	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 16:19	TGP	TAL TAM

Client Sample ID: MW-37

Lab Sample ID: 660-72250-6

Date Collected: 02/23/16 16:23

Matrix: Water

Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	167014	03/03/16 23:34	ECC	TAL TAM
Total/NA	Analysis	8260B		1	167014	03/04/16 00:48	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 18:10	TGP	TAL TAM

Client Sample ID: MW-43

Lab Sample ID: 660-72250-7

Date Collected: 02/23/16 15:56

Matrix: Water

Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/04/16 00:11	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 18:28	TGP	TAL TAM

Client Sample ID: MW-47

Lab Sample ID: 660-72250-8

Date Collected: 02/23/16 14:13

Matrix: Water

Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 22:01	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 16:37	TGP	TAL TAM

Client Sample ID: MW-48

Lab Sample ID: 660-72250-9

Date Collected: 02/23/16 15:06

Matrix: Water

Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 22:19	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 16:56	TGP	TAL TAM

Client Sample ID: MW-54

Lab Sample ID: 660-72250-10

Date Collected: 02/22/16 14:50

Matrix: Water

Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 22:38	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 17:14	TGP	TAL TAM

Client Sample ID: MW-57
Date Collected: 02/23/16 11:05
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 15:44	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 17:33	TGP	TAL TAM

Client Sample ID: MW-63
Date Collected: 02/23/16 10:06
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 16:03	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166790	02/26/16 17:51	TGP	TAL TAM

Client Sample ID: MW-65
Date Collected: 02/23/16 11:48
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 16:21	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 12:35	TGP	TAL TAM

Client Sample ID: MW-69
Date Collected: 02/22/16 15:34
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 16:40	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 12:53	TGP	TAL TAM

Client Sample ID: MW-72
Date Collected: 02/23/16 11:45
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 14:11	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 13:12	TGP	TAL TAM

Client Sample ID: MW-72(DUP)
Date Collected: 02/23/16 11:47
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 16:59	ECC	TAL TAM

Client Sample ID: MW-72(DUP)

Lab Sample ID: 660-72250-16
Matrix: Water
Date Collected: 02/23/16 11:47
Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 14:27	TGP	TAL TAM

Client Sample ID: MW-75

Lab Sample ID: 660-72250-19
Matrix: Water
Date Collected: 02/23/16 07:40
Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 17:17	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 14:45	TGP	TAL TAM

Client Sample ID: MW-79

Lab Sample ID: 660-72250-20
Matrix: Water
Date Collected: 02/23/16 11:18
Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 17:36	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 15:04	TGP	TAL TAM

Client Sample ID: MW-80

Lab Sample ID: 660-72250-21
Matrix: Water
Date Collected: 02/23/16 12:06
Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 17:55	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 15:22	TGP	TAL TAM

Client Sample ID: MW-81

Lab Sample ID: 660-72250-22
Matrix: Water
Date Collected: 02/23/16 13:42
Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 14:29	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 15:41	TGP	TAL TAM

Client Sample ID: MW-82

Lab Sample ID: 660-72250-23
Matrix: Water
Date Collected: 02/22/16 12:59
Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 21:01	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 15:59	TGP	TAL TAM

Client Sample ID: MW-85
Date Collected: 02/23/16 08:51
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167075	03/06/16 20:24	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 16:18	TGP	TAL TAM

Client Sample ID: MW-85 (DUP)
Date Collected: 02/23/16 08:53
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 20:43	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 16:37	TGP	TAL TAM

Client Sample ID: MW-86R
Date Collected: 02/23/16 10:23
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-28
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 18:13	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 20:37	TGP	TAL TAM

Client Sample ID: MW-91
Date Collected: 02/22/16 15:52
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-29
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 18:32	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 20:19	TGP	TAL TAM

Client Sample ID: MW-94
Date Collected: 02/23/16 09:00
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 18:51	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 17:51	TGP	TAL TAM

Client Sample ID: MW-98
Date Collected: 02/22/16 14:44
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-31
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 21:11	ECC	TAL TAM

Client Sample ID: MW-98
Lab Sample ID: 660-72250-31
Date Collected: 02/22/16 14:44
Matrix: Water
Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 19:42	TGP	TAL TAM

Client Sample ID: MW-100
Lab Sample ID: 660-72250-32
Date Collected: 02/22/16 13:16
Matrix: Water
Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 19:09	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 18:09	TGP	TAL TAM

Client Sample ID: MW-101
Lab Sample ID: 660-72250-33
Date Collected: 02/22/16 12:29
Matrix: Water
Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 19:28	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 20:00	TGP	TAL TAM

Client Sample ID: MW-102
Lab Sample ID: 660-72250-34
Date Collected: 02/22/16 13:57
Matrix: Water
Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 14:48	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 18:28	TGP	TAL TAM

Client Sample ID: MW-102 (DUP)
Lab Sample ID: 660-72250-35
Date Collected: 02/22/16 13:59
Matrix: Water
Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 19:46	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166856	02/29/16 18:46	TGP	TAL TAM

Client Sample ID: MW-104
Lab Sample ID: 660-72250-38
Date Collected: 02/22/16 14:02
Matrix: Water
Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 20:05	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 15:27	TGP	TAL TAM

Client Sample ID: MW-108
Date Collected: 02/23/16 08:03
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-39
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167069	03/05/16 20:24	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 16:41	TGP	TAL TAM

Client Sample ID: MW-114
Date Collected: 02/23/16 08:11
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-40
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 17:04	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 16:59	TGP	TAL TAM

Client Sample ID: MW-131
Date Collected: 02/23/16 09:36
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-41
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 20:33	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 17:17	TGP	TAL TAM

Client Sample ID: MW-133
Date Collected: 02/22/16 15:30
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-42
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 17:23	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 17:36	TGP	TAL TAM

Client Sample ID: MW-215
Date Collected: 02/22/16 12:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-43
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 19:55	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 17:54	TGP	TAL TAM

Client Sample ID: MW-231
Date Collected: 02/22/16 15:57
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-44
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 17:42	ECC	TAL TAM

Client Sample ID: MW-231
Date Collected: 02/22/16 15:57
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-44
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 18:12	TGP	TAL TAM

Client Sample ID: MW-239
Date Collected: 02/23/16 10:39
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-45
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 18:01	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 18:31	TGP	TAL TAM

Client Sample ID: MW-249
Date Collected: 02/22/16 11:46
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-46
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 18:20	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 18:51	TGP	TAL TAM

Client Sample ID: MW-250
Date Collected: 02/22/16 12:43
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-47
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 18:39	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 19:09	TGP	TAL TAM

Client Sample ID: MW-255
Date Collected: 02/22/16 13:30
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-48
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 20:14	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 19:28	TGP	TAL TAM

Client Sample ID: Blank-32
Date Collected: 02/22/16 13:28
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-49
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 18:58	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 19:48	TGP	TAL TAM

Client Sample ID: Blank-33

Lab Sample ID: 660-72250-50

Date Collected: 02/22/16 08:35

Matrix: Water

Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 19:17	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 20:06	TGP	TAL TAM

Client Sample ID: Blank-34

Lab Sample ID: 660-72250-51

Date Collected: 02/23/16 11:18

Matrix: Water

Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167066	03/05/16 19:36	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 20:24	TGP	TAL TAM

Client Sample ID: T Blank 72250

Lab Sample ID: 660-72250-52

Date Collected: 02/23/16 00:00

Matrix: Water

Date Received: 02/24/16 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167075	03/06/16 21:38	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166904	03/01/16 20:43	TGP	TAL TAM

Client Sample ID: IWI-1

Lab Sample ID: 660-72281-1

Date Collected: 02/24/16 16:24

Matrix: Water

Date Received: 02/25/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	100	167081	03/07/16 16:13	ECC	TAL TAM
Total/NA	Analysis	8260B		10	167081	03/07/16 16:50	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		5	166949	03/02/16 14:50	TGP	TAL TAM

Client Sample ID: MW-19

Lab Sample ID: 660-72281-2

Date Collected: 02/24/16 11:45

Matrix: Water

Date Received: 02/25/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 10:34	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 16:08	TGP	TAL TAM

Client Sample ID: MW-23
Date Collected: 02/24/16 11:05
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 10:53	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 16:27	TGP	TAL TAM

Client Sample ID: MW-32
Date Collected: 02/25/16 08:58
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 12:31	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 16:45	TGP	TAL TAM

Client Sample ID: MW-36
Date Collected: 02/25/16 07:45
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 12:49	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 17:04	TGP	TAL TAM

Client Sample ID: MW-40
Date Collected: 02/25/16 08:35
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 13:08	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 17:22	TGP	TAL TAM

Client Sample ID: MW-41
Date Collected: 02/24/16 09:04
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	167110	03/08/16 14:45	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		10	166949	03/02/16 20:51	TGP	TAL TAM

Client Sample ID: MW-42
Date Collected: 02/25/16 08:07
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 13:26	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-42
Date Collected: 02/25/16 08:07
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 17:41	TGP	TAL TAM

Client Sample ID: MW-44
Date Collected: 02/24/16 07:36
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 13:44	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 17:59	TGP	TAL TAM

Client Sample ID: MW-45
Date Collected: 02/25/16 09:34
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 14:03	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 18:18	TGP	TAL TAM

Client Sample ID: MW-71
Date Collected: 02/24/16 16:27
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 14:21	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 18:39	TGP	TAL TAM

Client Sample ID: MW-128
Date Collected: 02/24/16 15:09
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 14:40	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 18:58	TGP	TAL TAM

Client Sample ID: MW-129
Date Collected: 02/25/16 09:06
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 14:58	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 19:16	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-134
Date Collected: 02/24/16 14:17
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 15:17	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 21:29	TGP	TAL TAM

Client Sample ID: MW-158
Date Collected: 02/24/16 15:11
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 15:35	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 19:35	TGP	TAL TAM

Client Sample ID: MW-233
Date Collected: 02/24/16 15:47
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167081	03/07/16 15:54	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 19:53	TGP	TAL TAM

Client Sample ID: MW-253
Date Collected: 02/24/16 14:10
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	50	167081	03/07/16 16:31	ECC	TAL TAM
Total/NA	Analysis	8260B		5	167081	03/07/16 17:08	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		2	166949	03/02/16 21:10	TGP	TAL TAM

Client Sample ID: MW-254
Date Collected: 02/25/16 09:20
Date Received: 02/25/16 15:30

Lab Sample ID: 660-72281-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	167110	03/08/16 12:15	ECC	TAL TAM
Total/NA	Analysis	8260B		2	167110	03/08/16 16:18	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 20:13	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: Trip Blank 72281

Lab Sample ID: 660-72281-19

Date Collected: 02/24/16 00:00
Matrix: Water
Date Received: 02/25/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167110	03/08/16 14:08	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166949	03/02/16 20:31	TGP	TAL TAM

Client Sample ID: MW-68

Lab Sample ID: 660-72417-1

Date Collected: 03/03/16 11:17
Matrix: Water
Date Received: 03/03/16 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167110	03/08/16 14:26	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167126	03/08/16 12:52	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee / John Wilson	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-67139-21460 1
Client Contact: Chad Lee	Phone: (407) 843-6552	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 1 of 5
Company: AECOM Technical Services Inc.		Analysis Requested		Job #: 60480333.11.01
Address: 150 North Orange Avenue Suite 200	Due Date Requested: 03/09/16			Preservation Codes:
City: Orlando	TAT Requested (days): 10-DAY			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			Other:
Email: chad.lee@aecom.com	WO #: 60313454.03.09.01			
Project Name: Tallevast GW Semi-Annual	Project #: 66006091			
Site: LMC TALLEVAST	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOCs + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-27	02/22/16	14:26	G	Water	N	N	X		
MW-29	02/22/16	14:25		Water			X		
MW-33	02/23/16	15:17		Water			X		
MW-34	02/23/16	07:01		Water			X		
MW-35	02/23/16	07:20		Water			X		
MW-37	02/23/16	16:23		Water			X		
MW-43	02/23/16	15:56		Water			X		
MW-47	02/23/16	14:13		Water			X		
MW-48	02/23/16	15:06		Water			X		
MW-54	02/22/16	14:50		Water			X		
MW-57	02/23/16	11:05		Water	V	V	X		

Loc: 660
72250

660-72250 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date: 02-19-16	Time: 0930	Method of Shipment: Courier			
Relinquished by:	Date/Time: 02/24/16 @ 07:00	Company: AECOM	Received by:	Date/Time: 2-24-16 @ 1005	Company: TA TPA		
Relinquished by:	Date/Time: 2-24-16 @ 1425	Company: TA TPA	Received by:	Date/Time:	Company:		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:		
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	1.8 / 1.5	1.9 / 1.1		

Page 195 of 206

3/9/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee / John Wilson	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-67139-21460.2
Client Contact: Chad Lee	Phone: (407)843-6552	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 2 of 5
Company: AECOM Technical Services Inc.		Analysis Requested		Job #: 60480333.11.01
Address: 150 North Orange Avenue Suite 200	Due Date Requested: 03/09/16			Preservation Codes:
City: Orlando	TAT Requested (days): 10-DAY			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			Other:
Email: chad.lee@aecom.com	WO #: 60313454.03.09.01			
Project Name: Tallevast GW Semi-Annual	Project #: 66006091			
Site: LMC TALLEVAST	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOCs + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-63	02/23/16	10:06	G	Water	N	N	X		
MW-65	02/23/16	11:48		Water			X		
MW-69	02/22/16	15:34		Water			X		
MW-72	02/23/16	11:45		Water			X		
MW-72(DUP)	02/23/16	11:47		Water		V	X		
MW-72(MS)	02/23/16	11:49		Water		Y	X		
MW-72(MSD)	02/23/16	11:51		Water		Y	X		
MW-75	02/23/16	07:40		Water		N	X		
MW-79	02/23/16	11:18		Water			X		
MW-80	02/23/16	12:06		Water			X		
MW-81	02/23/16	13:42	V	Water	V	V	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date: 02-19-16	Time: 0930	Method of Shipment: Courier			
Relinquished by:	Date/Time: 02/24/16 @ 07:00	Company: AECOM	Received by:	Date/Time: 2-24-16 @ 1005	Company: TA TPA		
Relinquished by:	Date/Time: 2-24-16 @ 1425	Company: TA TPA	Received by:	Date/Time:	Company:		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:		

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee / John Wilson	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-67139-21460.3
Client Contact: Chad Lee	Phone: (407) 843-6552	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 3 of # 5
Company: AECOM Technical Services Inc.		Analysis Requested		Job #: 60480333.11.01
Address: 150 North Orange Avenue Suite 200	Due Date Requested: 03/09/16			Preservation Codes:
City: Orlando	TAT Requested (days): 10-DAY			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			Other:
Email: chad.lee@aecom.com	WO #: 60313454.03.09.01			
Project Name: Tallevast GW Semi-Annual	Project #: 66006091			
Site: LMC TALLEVAST	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOCs + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-82	02/22/16	12:59	G	Water	N	N	X		
MW-85	02/23/16	08:51		Water			X		
MW-85 (DUP)	02/23/16	08:53		Water			X		
MW-85 (MS)	02/23/16	08:55		Water		Y	X		
MW-85 (MSD)	02/23/16	08:57		Water		Y	X		
MW-86R	02/23/16	10:23		Water		N	X		
MW-91	02/22/16	15:52		Water			X		
MW-94	02/23/16	09:00		Water			X		
MW-98	02/22/16	14:44		Water			X		
MW-100	02/22/16	13:16		Water			X		
MW-101	02/22/16	12:29		Water			X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: [signature]	Date: 02-19-16	Time: 0930		Method of Shipment: Courier			
Relinquished by: [signature]	Date/Time: 02/24/16 @ 07:00	Company: AECOM	Received by: [signature]	Date/Time: 2-24-16 @ 1005	Company: TA TAA		
Relinquished by: [signature]	Date/Time: 2-24-16 @ 1425	Company: TA TAA	Received by:	Date/Time:	Company		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee / John Wilson	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No.: 660-67139-21460.4
Client Contact: Chad Lee	Phone: (407) 843-6552	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 4 of 5
Company: AECOM Technical Services Inc.				Job #: 60480333.11.01
Address: 150 North Orange Avenue Suite 200	Due Date Requested: 03/09/16			
City: Orlando	TAT Requested (days): 10-DAY			
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			
Email: chad.lee@aecom.com	WO #: 60313454.03.09.01			
Project Name: Tallevast GW Semi-Annual	Project #: 66006091			
Site: LMC Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ico, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - Nono, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOCs + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-102	02/22/16	13:57	G	Water	N	N	X		
MW-102(DUP)	02/22/16	13:59		Water			X		
MW-102 (MS)	02/22/16	14:01		Water		Y	X		
MW-102(MSD)	02/22/16	14:03		Water		Y	X		
MW-104	02/22/16	14:02		Water		N	X		
MW-108	02/23/16	08:03		Water			X		
MW-114	02/23/16	08:11		Water			X		
MW-131	02/23/16	09:36		Water			X		
MW-133	02/22/16	15:30		Water			X		
MW-215	02/22/16	12:18		Water			X		
MW-231	02/22/16	15:57		Water			X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: [signature] Date: 02-19-16 Time: 0930 Method of Shipment: Courier

Relinquished by:	Date/Time: 02/24/16 @ 07:00	Company: AECOM	Received by: [signature]	Date/Time: 2-24-16 @ 1005	Company: TA TMA
Relinquished by: [signature]	Date/Time: 2-24-16 @ 1425	Company: TA TMA	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee / John Wilson	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-67139-21460.5
Client Contact: Chad Lee	Phone: (407) 843-6552	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 5 of 15
Company: AECOM Technical Services Inc.				Job #: 60~~48~~0333.11.01
Address: 150 North Orange Avenue Suite 200	Due Date Requested: 03/09/16			
City: Orlando	TAT Requested (days): 10-DAY			
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			
Email: chad.lee@aecom.com	WO #: 60313454.03.09.01			
Project Name: Tallevast GW Semi-Annual	Project #: 66006091			
Site: LMC Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOCs + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-239	02/23/16	10:39	G	Water	N	N	X		
MW-249	02/22/16	11:46		Water			X		
MW-250	02/22/16	12:43		Water			X		
MW-255	02/22/16	13:30		Water			X		
BLANK-32	02/22/16	13:28		Water			X		Equipment Blank
BLANK-33 (MS)	02/23/16	08:35		Water			X		Equipment Blank
~~BLANK-34~~ BLANK-34	02/23/16	11:18		Water			X		Equipment Blank
				Water					
				Water					
				Water					
				Water					

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: [signature] Date: 02-19-16 Time: 0930 Method of Shipment: Courier

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: [signature]	02/24/16 @ 07:00	AECOM	[signature]	2-24-16 @ 1005	TA-TPA
Relinquished by: [signature]	2-24-16 @ 1425	TA TPA	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

3/9/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee/John Wilson	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-67139-21460 8
Client Contact: Chad Lee	Phone: (407) 843-6552	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 8 of 8 → 1 of 2
Company: AECOM Technical Services Inc.		Analysis Requested		Job #: 60480333.11.01
Address: 150 North Orange Avenue Suite 200	Due Date Requested: 03/11/16			Preservation Codes:
City: Orlando	TAT Requested (days): 10-DAY			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			Other:
Email: chad.lee@aecom.com	WO #: 60313454.03 09.01			
Project Name: Tallevast GW Semi-Annual	Project #: 66006091			
Site: LMC TALLEVAST	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOCs + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-1	02/24/16	16:24	G	Water	N	N	X		
MW-19	02/24/16	11:45		Water			X		
MW-23	02/24/16	11:05		Water			X		
MW-32	02/25/16	08:58		Water			X		
MW-36	02/25/16	07:45		Water			X		
MW-40	02/25/16	08:35		Water			X		
MW-41	02/24/16	09:04		W			X		
MW-42	02/25/16	08:07		W			X		
MW-44	02/24/16	07:36		W			X		
MW-45	02/25/16	09:34		W			X		
MW-71	02/24/16	16:27		W			X		

Loc: 660
72281

660-72281 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: [signature] Date: 02-19-16 Time: 0930 Method of Shipment: Courier

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	02/25/16 @ 11:15	AECOM	[signature]	2/25/16 1530	TA TPA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.2/2.6 CU-05

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Chad Lee / John Wilson	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No. 660-67139-21460.7
Client Contact: Chad Lee	Phone: (407) 843-6552	E-Mail: haukur.gudnason@testamericainc.com		Page: Page ~~1 of 6~~ 2 of 2
Company: AECOM Technical Services Inc.		Analysis Requested		Job #: 60480333.11.01
Address: 150 North Orange Avenue Suite 200	Due Date Requested: 03/11/16			Preservation Codes:
City: Orlando	TAT Requested (days): 10-DAY			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			Other:
Email: chad.lee@aecom.com	WO #: 60313454.03.09.01			
Project Name: Tallevast GW Semi-Annual	Project #: 66006091			
Site: IMC Tallevast	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOCs + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-128	02/24/16	15:09	G	Water	N	N	X		
MW-129	02/25/16	09:06		Water			X		
MW-134	02/24/16	14:17		Water			X		
MW-158	02/24/16	15:11		Water			X		
MW-233	02/24/16	15:47		Water			X		
MW-253	02/24/16	14:10		Water			X		
MW-254	02/25/16	09:20		Water			X		
				Water					
				Water					
				Water					
				Water					

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: [signature] Date: 02-19-16 Time: 0930 Method of Shipment: Courier

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	02/25/16 @ 11:15	AECOM	[signature]	2/26/16 1530	TA TPA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.2 / 2.6 CW-09

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: John Wilson	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-67139-21460.6
Client Contact: Chad Lee	Phone: (407) 843-6552	E-Mail: haukur.gudnason@testamericainc.com		Page: Page ~~6 of 8~~ 1 of 1
Company: AECOM Technical Services Inc.		Analysis Requested		Job #: 60480333.11.01
Address: 150 North Orange Avenue Suite 200	Due Date Requested:			Preservation Codes:
City: Orlando	TAT Requested (days): 10-DAY			A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify)
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 59731			Other:
Email: chad.lee@aecom.com	WO #: 60313454.03 09.01			
Project Name: Tallevast GW Semi-Annual	Project #: 66006091			
Site: LMC TALLEVAST	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOCs + SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-68	03/03/16	1117	G	Water	N	N	X		
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					

Loc: 660 72417

660-72417 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: [illegible] Date: 02-19-16 Time: 0930 Method of Shipment: Courier

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J. Wilson	03/03/16 @ 1200	AECOM	[illegible]	3-3-16 @ 1305	TA TPA
[illegible]	3-3-16 @ 1440	TA TPA	[illegible]	3/3/16 1440	TA TPA
Relinquished by:	Date/Time:	Company	Received by	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.0/2.2 C-09

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3/9/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-72250-1

Login Number: 72250
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-72250-1

Login Number: 72281
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-72250-1

Login Number: 72417
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-72390-1
Client Project/Site: Tallevast Pocess Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
3/4/2016 1:26:05 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Pocess Sampling

TestAmerica Job ID: 660-72390-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-72390-1	AOP Feed	Water	03/02/16 09:00	03/02/16 17:50
660-72390-2	AOP-A effluent	Water	03/02/16 09:05	03/02/16 17:50
660-72390-3	AOP-B effluent	Water	03/02/16 09:10	03/02/16 17:50
660-72390-4	AOP-C Effluent	Water	03/02/16 09:15	03/02/16 17:50
660-72390-5	PGE	Water	03/02/16 09:20	03/02/16 17:50
660-72390-6	SGE	Water	03/02/16 09:25	03/02/16 17:50
660-72390-7	Combined Influent	Water	03/02/16 09:30	03/02/16 17:50

Job ID: 660-72390-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-72390-1

Comments
No additional comments.

Receipt
The samples were received on 3/2/2016 5:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Pocess Sampling

TestAmerica Job ID: 660-72390-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Pocess Sampling

TestAmerica Job ID: 660-72390-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-72390-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.5		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.8		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	10		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	46		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-72390-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-72390-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-72390-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.1		1.0	0.52	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.75	I	1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.50	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	0.88	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-72390-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.83	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-72390-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-72390-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	19		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	23		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	17		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	5.8		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	45		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-72390-1

Date Collected: 03/02/16 09:00
Matrix: Water
Date Received: 03/02/16 17:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.2		1.0	0.52	ug/L			03/03/16 20:09	1
1,1-Dichloroethene	9.5		1.0	0.67	ug/L			03/03/16 20:09	1
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L			03/03/16 20:09	1
Tetrachloroethene	3.8		1.0	0.50	ug/L			03/03/16 20:09	1
Trichloroethene	10		1.0	0.61	ug/L			03/03/16 20:09	1
Vinyl chloride	1.6		1.0	0.71	ug/L			03/03/16 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/03/16 20:09*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/03/16 20:09*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/03/16 20:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	46		2.0	1.0	ug/L			03/03/16 16:16	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-72390-2

Date Collected: 03/02/16 09:05
Matrix: Water
Date Received: 03/02/16 17:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.0		1.0	0.52	ug/L			03/03/16 17:39	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 17:39	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/03/16 17:39	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/03/16 17:39	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/03/16 17:39	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/03/16 17:39*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/03/16 17:39*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/03/16 17:39*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.4		2.0	1.0	ug/L			03/03/16 13:44	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-72390-3

Date Collected: 03/02/16 09:10
Matrix: Water
Date Received: 03/02/16 17:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	3.8		1.0	0.52	ug/L			03/03/16 18:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 18:16	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/03/16 18:16	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/03/16 18:16	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/03/16 18:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 18:16	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-72390-3
Date Collected: 03/02/16 09:10
Matrix: Water
Date Received: 03/02/16 17:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*101*		*70 - 130*		*03/03/16 18:16*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/03/16 18:16*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/03/16 18:16*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.6**		2.0	1.0	ug/L			03/03/16 14:58	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-72390-4
Date Collected: 03/02/16 09:15
Matrix: Water
Date Received: 03/02/16 17:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.1**		1.0	0.52	ug/L			03/03/16 19:13	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 19:13	1
cis-1,2-Dichloroethene	**0.75**	**I**	1.0	0.65	ug/L			03/03/16 19:13	1
Tetrachloroethene	**0.50**	**I**	1.0	0.50	ug/L			03/03/16 19:13	1
Trichloroethene	**0.88**	**I**	1.0	0.61	ug/L			03/03/16 19:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 19:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*101*		*70 - 130*		*03/03/16 19:13*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/03/16 19:13*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/03/16 19:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.3**		2.0	1.0	ug/L			03/03/16 15:19	1

Client Sample ID: PGE

Lab Sample ID: 660-72390-5
Date Collected: 03/02/16 09:20
Matrix: Water
Date Received: 03/02/16 17:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.83**	**I**	1.0	0.52	ug/L			03/03/16 19:31	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 19:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/03/16 19:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/03/16 19:31	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/03/16 19:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*100*		*70 - 130*		*03/03/16 19:31*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*03/03/16 19:31*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/03/16 19:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.4**		2.0	1.0	ug/L			03/03/16 15:37	1

Client Sample ID: SGE

Lab Sample ID: 660-72390-6
Date Collected: 03/02/16 09:25
Matrix: Water
Date Received: 03/02/16 17:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/03/16 19:50	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 19:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/03/16 19:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/03/16 19:50	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/03/16 19:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/03/16 19:50*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/03/16 19:50*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/03/16 19:50*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.2**		2.0	1.0	ug/L			03/03/16 15:56	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-72390-7
Date Collected: 03/02/16 09:30
Matrix: Water
Date Received: 03/02/16 17:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/03/16 20:27	1
Benzene	0.50	U	1.0	0.50	ug/L			03/03/16 20:27	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 20:27	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/03/16 20:27	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/03/16 20:27	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/03/16 20:27	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/03/16 20:27	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/03/16 20:27	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/03/16 20:27	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/03/16 20:27	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/03/16 20:27	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/03/16 20:27	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/03/16 20:27	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/03/16 20:27	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/03/16 20:27	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/03/16 20:27	1
cis-1,2-Dichloroethene	**19**		1.0	0.65	ug/L			03/03/16 20:27	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/03/16 20:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/03/16 20:27	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/03/16 20:27	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/03/16 20:27	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/03/16 20:27	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/03/16 20:27	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/03/16 20:27	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 20:27	1
1,1-Dichloroethane	**6.9**		1.0	0.52	ug/L			03/03/16 20:27	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/03/16 20:27	1
1,1-Dichloroethene	**23**		1.0	0.67	ug/L			03/03/16 20:27	1

Client Sample ID: Combined Influent
Date Collected: 03/02/16 09:30
Date Received: 03/02/16 17:50

Lab Sample ID: 660-72390-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/03/16 20:27	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/03/16 20:27	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/03/16 20:27	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/03/16 20:27	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/03/16 20:27	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/03/16 20:27	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/03/16 20:27	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/03/16 20:27	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/03/16 20:27	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/03/16 20:27	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/03/16 20:27	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/03/16 20:27	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/03/16 20:27	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/03/16 20:27	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/03/16 20:27	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/03/16 20:27	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/03/16 20:27	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/03/16 20:27	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/03/16 20:27	1
Styrene	0.98	U	2.0	0.98	ug/L			03/03/16 20:27	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/03/16 20:27	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/03/16 20:27	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/03/16 20:27	1
Tetrachloroethene	**7.5**		1.0	0.50	ug/L			03/03/16 20:27	1
Toluene	0.51	U	1.0	0.51	ug/L			03/03/16 20:27	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 20:27	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/03/16 20:27	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/03/16 20:27	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 20:27	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 20:27	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 20:27	1
Trichloroethene	**17**		1.0	0.61	ug/L			03/03/16 20:27	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 20:27	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/03/16 20:27	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/03/16 20:27	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/03/16 20:27	1
Vinyl chloride	**5.8**		1.0	0.71	ug/L			03/03/16 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/03/16 20:27*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/03/16 20:27*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/03/16 20:27*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**45**		2.0	1.0	ug/L			03/03/16 16:34	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-167014/7
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/03/16 17:20	1
Benzene	0.50	U	1.0	0.50	ug/L			03/03/16 17:20	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 17:20	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/03/16 17:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/03/16 17:20	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/03/16 17:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/03/16 17:20	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/03/16 17:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/03/16 17:20	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/03/16 17:20	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/03/16 17:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/03/16 17:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/03/16 17:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/03/16 17:20	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/03/16 17:20	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/03/16 17:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/03/16 17:20	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/03/16 17:20	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/03/16 17:20	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/03/16 17:20	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/03/16 17:20	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/03/16 17:20	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/03/16 17:20	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/03/16 17:20	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 17:20	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/03/16 17:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/03/16 17:20	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 17:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/03/16 17:20	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/03/16 17:20	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/03/16 17:20	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/03/16 17:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/03/16 17:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/03/16 17:20	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/03/16 17:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/03/16 17:20	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/03/16 17:20	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/03/16 17:20	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/03/16 17:20	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/03/16 17:20	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/03/16 17:20	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/03/16 17:20	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/03/16 17:20	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/03/16 17:20	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/03/16 17:20	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/03/16 17:20	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/03/16 17:20	1
Styrene	0.98	U	2.0	0.98	ug/L			03/03/16 17:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167014/7
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/03/16 17:20	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/03/16 17:20	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/03/16 17:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/03/16 17:20	1
Toluene	0.51	U	1.0	0.51	ug/L			03/03/16 17:20	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/03/16 17:20	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/03/16 17:20	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/03/16 17:20	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 17:20	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 17:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 17:20	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/03/16 17:20	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 17:20	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/03/16 17:20	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/03/16 17:20	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/03/16 17:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 17:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/03/16 17:20*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/03/16 17:20*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/03/16 17:20*	*1*

Lab Sample ID: LCS 660-167014/4
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	112		ug/L		112	62 - 142
Benzene	10.0	10.1		ug/L		101	68 - 134
Bromobenzene	10.0	10.3		ug/L		103	70 - 130
Bromoform	10.0	9.64		ug/L		96	65 - 130
Bromomethane	10.0	8.98		ug/L		90	22 - 150
2-Butanone (MEK)	100	108		ug/L		108	63 - 140
Carbon disulfide	10.0	10.2		ug/L		102	30 - 150
Carbon tetrachloride	10.0	10.6		ug/L		106	61 - 134
Chlorobenzene	10.0	9.89		ug/L		99	70 - 130
Chlorobromomethane	10.0	10.7		ug/L		107	70 - 130
Chlorodibromomethane	10.0	10.1		ug/L		101	70 - 130
Chloroethane	10.0	9.91		ug/L		99	39 - 150
Chloroform	10.0	10.4		ug/L		104	68 - 130
Chloromethane	10.0	8.86		ug/L		89	35 - 150
2-Chlorotoluene	10.0	10.0		ug/L		100	70 - 130
4-Chlorotoluene	10.0	9.94		ug/L		99	70 - 130
cis-1,2-Dichloroethene	10.0	9.77		ug/L		98	66 - 130
cis-1,3-Dichloropropene	10.0	10.1		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.97		ug/L		100	63 - 130
Dibromomethane	10.0	10.4		ug/L		104	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167014/4
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
1,3-Dichlorobenzene	10.0	9.88		ug/L		99	70 - 130
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
Dichlorobromomethane	10.0	10.3		ug/L		103	70 - 130
Dichlorodifluoromethane	10.0	7.85		ug/L		79	16 - 149
1,1-Dichloroethane	10.0	9.92		ug/L		99	66 - 130
1,2-Dichloroethane	10.0	9.92		ug/L		99	70 - 130
1,1-Dichloroethene	10.0	9.51		ug/L		95	51 - 150
1,2-Dichloropropane	10.0	10.1		ug/L		101	70 - 130
1,3-Dichloropropane	10.0	10.2		ug/L		102	70 - 130
2,2-Dichloropropane	10.0	9.28		ug/L		93	66 - 134
1,1-Dichloropropene	10.0	10.3		ug/L		103	65 - 136
Ethylbenzene	10.0	10.3		ug/L		103	70 - 130
Ethylene Dibromide	10.0	10.5		ug/L		105	66 - 130
Hexachlorobutadiene	10.0	10.5		ug/L		105	62 - 143
2-Hexanone	100	110		ug/L		110	60 - 148
Isopropylbenzene	10.0	9.87		ug/L		99	62 - 130
4-Isopropyltoluene	10.0	9.63		ug/L		96	65 - 134
Methylene Chloride	10.0	10.7		ug/L		107	57 - 130
4-Methyl-2-pentanone (MIBK)	100	95.9		ug/L		96	64 - 137
Methyl tert-butyl ether	10.0	9.83		ug/L		98	67 - 130
Naphthalene	10.0	10.2		ug/L		102	50 - 136
n-Butylbenzene	10.0	9.47		ug/L		95	61 - 131
N-Propylbenzene	10.0	9.87		ug/L		99	67 - 130
o-Xylene	10.0	9.86		ug/L		99	69 - 130
sec-Butylbenzene	10.0	9.88		ug/L		99	68 - 133
Styrene	10.0	9.78		ug/L		98	68 - 131
tert-Butylbenzene	10.0	9.78		ug/L		98	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.36		ug/L		94	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.3		ug/L		103	70 - 130
Tetrachloroethene	10.0	10.5		ug/L		105	50 - 143
Toluene	10.0	9.98		ug/L		100	70 - 131
trans-1,2-Dichloroethene	10.0	11.3		ug/L		113	62 - 139
trans-1,3-Dichloropropene	10.0	9.82		ug/L		98	67 - 130
1,2,3-Trichlorobenzene	10.0	10.5		ug/L		105	58 - 132
1,2,4-Trichlorobenzene	10.0	10.1		ug/L		101	66 - 130
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	63 - 132
1,1,2-Trichloroethane	10.0	10.6		ug/L		106	70 - 130
Trichloroethene	10.0	10.8		ug/L		108	63 - 139
Trichlorofluoromethane	10.0	9.45		ug/L		95	62 - 146
1,2,3-Trichloropropane	10.0	10.2		ug/L		102	66 - 130
1,2,4-Trimethylbenzene	10.0	9.62		ug/L		96	70 - 132
1,3,5-Trimethylbenzene	10.0	9.68		ug/L		97	65 - 134
Vinyl chloride	10.0	9.69		ug/L		97	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167014/4
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 660-167014/5
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	103		ug/L		103	62 - 142	8	30
Benzene			10.0	9.99		ug/L		100	68 - 134	1	30
Bromobenzene			10.0	10.2		ug/L		102	70 - 130	1	30
Bromoform			10.0	9.83		ug/L		98	65 - 130	2	30
Bromomethane			10.0	8.66		ug/L		87	22 - 150	4	30
2-Butanone (MEK)			100	103		ug/L		103	63 - 140	5	30
Carbon disulfide			10.0	10.0		ug/L		100	30 - 150	2	30
Carbon tetrachloride			10.0	10.6		ug/L		106	61 - 134	1	30
Chlorobenzene			10.0	9.92		ug/L		99	70 - 130	0	30
Chlorobromomethane			10.0	10.2		ug/L		102	70 - 130	5	30
Chlorodibromomethane			10.0	10.2		ug/L		102	70 - 130	1	30
Chloroethane			10.0	10.1		ug/L		101	39 - 150	2	30
Chloroform			10.0	9.88		ug/L		99	68 - 130	5	30
Chloromethane			10.0	8.54		ug/L		85	35 - 150	4	30
2-Chlorotoluene			10.0	9.87		ug/L		99	70 - 130	1	30
4-Chlorotoluene			10.0	9.84		ug/L		98	70 - 130	1	30
cis-1,2-Dichloroethene			10.0	9.70		ug/L		97	66 - 130	1	30
cis-1,3-Dichloropropene			10.0	10.1		ug/L		101	70 - 130	0	30
1,2-Dibromo-3-Chloropropane			10.0	9.57		ug/L		96	63 - 130	4	30
Dibromomethane			10.0	10.3		ug/L		103	70 - 130	0	30
1,2-Dichlorobenzene			10.0	10.2		ug/L		102	70 - 130	1	30
1,3-Dichlorobenzene			10.0	9.91		ug/L		99	70 - 130	0	30
1,4-Dichlorobenzene			10.0	10.1		ug/L		101	70 - 130	2	30
Dichlorobromomethane			10.0	10.2		ug/L		102	70 - 130	1	30
Dichlorodifluoromethane			10.0	7.29		ug/L		73	16 - 149	7	30
1,1-Dichloroethane			10.0	9.98		ug/L		100	66 - 130	1	30
1,2-Dichloroethane			10.0	9.59		ug/L		96	70 - 130	3	30
1,1-Dichloroethene			10.0	9.51		ug/L		95	51 - 150	0	30
1,2-Dichloropropane			10.0	10.5		ug/L		105	70 - 130	4	30
1,3-Dichloropropane			10.0	9.90		ug/L		99	70 - 130	3	30
2,2-Dichloropropane			10.0	9.32		ug/L		93	66 - 134	0	30
1,1-Dichloropropene			10.0	10.4		ug/L		104	65 - 136	1	30
Ethylbenzene			10.0	9.71		ug/L		97	70 - 130	6	30
Ethylene Dibromide			10.0	9.95		ug/L		100	66 - 130	5	30
Hexachlorobutadiene			10.0	10.1		ug/L		101	62 - 143	3	30
2-Hexanone			100	101		ug/L		101	60 - 148	8	30
Isopropylbenzene			10.0	9.78		ug/L		98	62 - 130	1	30
4-Isopropyltoluene			10.0	9.39		ug/L		94	65 - 134	3	30
Methylene Chloride			10.0	10.5		ug/L		105	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)			100	92.4		ug/L		92	64 - 137	4	30
Methyl tert-butyl ether			10.0	9.58		ug/L		96	67 - 130	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-167014/5
Matrix: Water
Analysis Batch: 167014

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	9.67		ug/L		97	50 - 136	5	30
n-Butylbenzene			10.0	9.37		ug/L		94	61 - 131	1	30
N-Propylbenzene			10.0	9.64		ug/L		96	67 - 130	2	30
o-Xylene			10.0	9.80		ug/L		98	69 - 130	1	30
sec-Butylbenzene			10.0	9.75		ug/L		97	68 - 133	1	30
Styrene			10.0	9.76		ug/L		98	68 - 131	0	30
tert-Butylbenzene			10.0	9.94		ug/L		99	64 - 130	2	30
1,1,1,2-Tetrachloroethane			10.0	9.88		ug/L		99	70 - 130	5	30
1,1,2,2-Tetrachloroethane			10.0	9.70		ug/L		97	70 - 130	6	30
Tetrachloroethene			10.0	11.4		ug/L		114	50 - 143	8	30
Toluene			10.0	10.2		ug/L		102	70 - 131	2	30
trans-1,2-Dichloroethene			10.0	10.8		ug/L		108	62 - 139	5	30
trans-1,3-Dichloropropene			10.0	9.73		ug/L		97	67 - 130	1	30
1,2,3-Trichlorobenzene			10.0	10.2		ug/L		102	58 - 132	2	30
1,2,4-Trichlorobenzene			10.0	9.94		ug/L		99	66 - 130	2	30
1,1,1-Trichloroethane			10.0	10.3		ug/L		103	63 - 132	0	30
1,1,2-Trichloroethane			10.0	10.9		ug/L		109	70 - 130	3	30
Trichloroethene			10.0	10.7		ug/L		107	63 - 139	0	30
Trichlorofluoromethane			10.0	9.24		ug/L		92	62 - 146	2	30
1,2,3-Trichloropropane			10.0	9.60		ug/L		96	66 - 130	6	30
1,2,4-Trimethylbenzene			10.0	9.65		ug/L		96	70 - 132	0	30
1,3,5-Trimethylbenzene			10.0	9.72		ug/L		97	65 - 134	0	30
Vinyl chloride			10.0	10.1		ug/L		101	48 - 147	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-72390-3 MS
Matrix: Water
Analysis Batch: 167014

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	17	I	100	110		ug/L		92	62 - 142
Benzene	0.50	U	10.0	10.5		ug/L		105	68 - 134
Bromobenzene	0.58	U	10.0	10.3		ug/L		103	70 - 130
Bromoform	0.63	U	10.0	9.91		ug/L		99	65 - 130
Bromomethane	2.5	U	10.0	8.76		ug/L		88	22 - 150
2-Butanone (MEK)	8.4	U	100	98.9		ug/L		99	63 - 140
Carbon disulfide	1.0	U	10.0	10.4		ug/L		104	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.0		ug/L		110	61 - 134
Chlorobenzene	0.63	U	10.0	10.4		ug/L		104	70 - 130
Chlorobromomethane	0.58	U	10.0	10.4		ug/L		104	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.2		ug/L		102	70 - 130
Chloroethane	2.5	U	10.0	11.4		ug/L		114	39 - 150
Chloroform	0.90	U	10.0	9.95		ug/L		99	68 - 130
Chloromethane	1.0	U	10.0	10.0		ug/L		100	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72390-3 MS
Matrix: Water
Analysis Batch: 167014

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	10.1		ug/L		101	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.3		ug/L		103	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.4		ug/L		104	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.90		ug/L		99	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.37		ug/L		94	63 - 130
Dibromomethane	0.46	U	10.0	11.2		ug/L		112	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.2		ug/L		102	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.3		ug/L		103	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.3		ug/L		103	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.5		ug/L		105	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	8.74		ug/L		87	16 - 149
1,1-Dichloroethane	3.8		10.0	14.1		ug/L		102	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.0		ug/L		100	70 - 130
1,1-Dichloroethene	0.67	U	10.0	10.1		ug/L		101	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.99		ug/L		100	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.93		ug/L		99	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.48		ug/L		95	66 - 134
1,1-Dichloropropene	0.65	U	10.0	10.6		ug/L		106	65 - 136
Ethylbenzene	0.44	U	10.0	10.6		ug/L		106	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.6		ug/L		106	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.4		ug/L		104	62 - 143
2-Hexanone	4.4	U	100	97.0		ug/L		97	60 - 148
Isopropylbenzene	0.52	U	10.0	10.3		ug/L		103	62 - 130
4-Isopropyltoluene	0.69	U	10.0	10.2		ug/L		102	65 - 134
Methylene Chloride	4.0	U	10.0	10.3		ug/L		103	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	86.5		ug/L		87	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.33		ug/L		93	67 - 130
Naphthalene	2.5	U	10.0	9.25		ug/L		92	50 - 136
n-Butylbenzene	0.67	U	10.0	10.1		ug/L		101	61 - 131
N-Propylbenzene	0.59	U	10.0	10.2		ug/L		102	67 - 130
o-Xylene	0.50	U	10.0	10.2		ug/L		102	69 - 130
sec-Butylbenzene	0.63	U	10.0	10.6		ug/L		106	68 - 133
Styrene	0.98	U	10.0	10.0		ug/L		100	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.3		ug/L		103	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.4		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.85		ug/L		98	70 - 130
Tetrachloroethene	0.50	U	10.0	11.3		ug/L		113	50 - 143
Toluene	0.51	U	10.0	10.8		ug/L		108	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.6		ug/L		106	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.3		ug/L		103	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.82		ug/L		98	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.0		ug/L		100	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.9		ug/L		109	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.7		ug/L		107	70 - 130
Trichloroethene	0.61	U	10.0	11.4		ug/L		114	63 - 139
Trichlorofluoromethane	2.5	U	10.0	10.9		ug/L		109	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.2		ug/L		102	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.87		ug/L		99	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72390-3 MS
Matrix: Water
Analysis Batch: 167014

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	10.2		ug/L		102	65 - 134
Vinyl chloride	0.71	U	10.0	11.5		ug/L		115	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-72390-2 DU
Matrix: Water
Analysis Batch: 167014

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	17	I	17.6	I	ug/L		3	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	4.0		4.01		ug/L		0.4	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72390-2 DU
Matrix: Water
Analysis Batch: 167014

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-166994/7
Matrix: Water
Analysis Batch: 166994

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/03/16 13:19	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-166994/4
Matrix: Water
Analysis Batch: 166994

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	8.19		ug/L		82	50 - 150		

Lab Sample ID: LCSD 660-166994/5
Matrix: Water
Analysis Batch: 166994

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	7.94		ug/L		79	50 - 150	3	50

Lab Sample ID: 660-72390-2 MS
Matrix: Water
Analysis Batch: 166994

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	3.4		10.0	11.9		ug/L		85	50 - 150		

Lab Sample ID: 660-72390-2 MSD
Matrix: Water
Analysis Batch: 166994

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	3.4		10.0	12.5		ug/L		90	50 - 150	5	50

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Pocess Sampling

TestAmerica Job ID: 660-72390-1

GC/MS VOA

Analysis Batch: 166994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72390-1	AOP Feed	Total/NA	Water	8260C SIM	
660-72390-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-72390-2 MS	AOP-A effluent	Total/NA	Water	8260C SIM	
660-72390-2 MSD	AOP-A effluent	Total/NA	Water	8260C SIM	
660-72390-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-72390-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-72390-5	PGE	Total/NA	Water	8260C SIM	
660-72390-6	SGE	Total/NA	Water	8260C SIM	
660-72390-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-166994/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-166994/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-166994/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 167014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72390-1	AOP Feed	Total/NA	Water	8260B	
660-72390-2	AOP-A effluent	Total/NA	Water	8260B	
660-72390-2 DU	AOP-A effluent	Total/NA	Water	8260B	
660-72390-3	AOP-B effluent	Total/NA	Water	8260B	
660-72390-3 MS	AOP-B effluent	Total/NA	Water	8260B	
660-72390-4	AOP-C Effluent	Total/NA	Water	8260B	
660-72390-5	PGE	Total/NA	Water	8260B	
660-72390-6	SGE	Total/NA	Water	8260B	
660-72390-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-167014/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-167014/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-167014/7	Method Blank	Total/NA	Water	8260B	

Client Sample ID: AOP Feed
Lab Sample ID: 660-72390-1
Date Collected: 03/02/16 09:00
Matrix: Water
Date Received: 03/02/16 17:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 20:09	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166994	03/03/16 16:16	TGP	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-72390-2
Date Collected: 03/02/16 09:05
Matrix: Water
Date Received: 03/02/16 17:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 17:39	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166994	03/03/16 13:44	TGP	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-72390-3
Date Collected: 03/02/16 09:10
Matrix: Water
Date Received: 03/02/16 17:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 18:16	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166994	03/03/16 14:58	TGP	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-72390-4
Date Collected: 03/02/16 09:15
Matrix: Water
Date Received: 03/02/16 17:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 19:13	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166994	03/03/16 15:19	TGP	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-72390-5
Date Collected: 03/02/16 09:20
Matrix: Water
Date Received: 03/02/16 17:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 19:31	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166994	03/03/16 15:37	TGP	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-72390-6
Date Collected: 03/02/16 09:25
Matrix: Water
Date Received: 03/02/16 17:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 19:50	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Pocess Sampling

TestAmerica Job ID: 660-72390-1

Client Sample ID: SGE

Lab Sample ID: 660-72390-6

Date Collected: 03/02/16 09:25
Matrix: Water
Date Received: 03/02/16 17:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	166994	03/03/16 15:56	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-72390-7

Date Collected: 03/02/16 09:30
Matrix: Water
Date Received: 03/02/16 17:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167014	03/03/16 20:27	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	166994	03/03/16 16:34	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Pocess Sampling

TestAmerica Job ID: 660-72390-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Pocess Sampling

TestAmerica Job ID: 660-72390-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 59731 60313454 03.09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Sampling	Project #			
Site: Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List						Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A								
AOP Feed	3/2/16	9:00	G	Water	N	N	2	2								155 gpm in f
AOP-A effluent	3/2/16	0905	G	Water	N	N	2	2								AOP-A @ 60
AOP-B effluent	3/2/16	0910	G	Water	N	N	2	2								AOP-B @ 50
AOP-C Effluent	3/2/16	0915	G	Water	N	N	2	2								AOP-C @ 45
PGE	3/2/16	0920	G	Water	N	N	2	2								2103 off
SGE	3/2/16	0925	G	Water	N	N	2	2								new GACs online
Combined Influent	3/2/16	0930	G	Water	N	N		2	2							

Loc: 660 72390

660-72390 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 3-2-16 1400	Company AECOM
Relinquished by:	Date/Time: 3-2-16 1528	Company AECOM	Received by:	Date/Time: 3-2-16 1528	Company TA TAP
Relinquished by:	Date/Time: 3-2-16 1750	Company TA TAP	Received by:	Date/Time: 3-2-16 1700	Company TA TAP

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 0.1 / 3.0 CAL-09

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3/4/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-72390-1

Login Number: 72390
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-72640-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
3/16/2016 3:43:52 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72640-1

Job ID: 660-72640-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-72640-1

Comments
No additional comments.

Receipt
The samples were received on 3/15/2016 4:35 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.1° C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72640-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-72640-1	AOP Feed	Water	03/15/16 13:00	03/15/16 16:35
660-72640-2	AOP-A effluent	Water	03/15/16 13:05	03/15/16 16:35
660-72640-3	AOP-B effluent	Water	03/15/16 13:10	03/15/16 16:35
660-72640-4	AOP-C Effluent	Water	03/15/16 13:15	03/15/16 16:35
660-72640-5	PGE	Water	03/15/16 13:20	03/15/16 16:35
660-72640-6	SGE	Water	03/15/16 13:25	03/15/16 16:35
660-72640-7	Combined Influent	Water	03/15/16 13:30	03/15/16 16:35

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72640-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72640-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72640-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-72640-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	7.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	12		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	16		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.8		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	66		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-72640-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-72640-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.8		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-72640-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-72640-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.93	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-72640-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-72640-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	21		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	9.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	24		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.6		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.74	I	1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	19		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	6.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	52		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-72640-1
Date Collected: 03/15/16 13:00
Matrix: Water
Date Received: 03/15/16 16:35

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**7.1**		1.0	0.52	ug/L			03/16/16 12:40	1
1,1-Dichloroethene	**12**		1.0	0.67	ug/L			03/16/16 12:40	1
cis-1,2-Dichloroethene	**15**		1.0	0.65	ug/L			03/16/16 12:40	1
Tetrachloroethene	**6.3**		1.0	0.50	ug/L			03/16/16 12:40	1
Trichloroethene	**16**		1.0	0.61	ug/L			03/16/16 12:40	1
Vinyl chloride	**1.8**		1.0	0.71	ug/L			03/16/16 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/16/16 12:40*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*03/16/16 12:40*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*03/16/16 12:40*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**66**		2.0	1.0	ug/L			03/16/16 14:33	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-72640-2
Date Collected: 03/15/16 13:05
Matrix: Water
Date Received: 03/15/16 16:35

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			03/16/16 10:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/16/16 10:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/16/16 10:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/16/16 10:55	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/16/16 10:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/16/16 10:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/16/16 10:55*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/16/16 10:55*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*03/16/16 10:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/16/16 12:03	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-72640-3
Date Collected: 03/15/16 13:10
Matrix: Water
Date Received: 03/15/16 16:35

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.8**		1.0	0.52	ug/L			03/16/16 11:30	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/16/16 11:30	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/16/16 11:30	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/16/16 11:30	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/16/16 11:30	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/16/16 11:30	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-72640-3
Date Collected: 03/15/16 13:10
Matrix: Water
Date Received: 03/15/16 16:35

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/16/16 11:30*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*03/16/16 11:30*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/16/16 11:30*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/16/16 12:21	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-72640-4
Date Collected: 03/15/16 13:15
Matrix: Water
Date Received: 03/15/16 16:35

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			03/16/16 11:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/16/16 11:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/16/16 11:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/16/16 11:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/16/16 11:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/16/16 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/16/16 11:48*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/16/16 11:48*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*03/16/16 11:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/16/16 12:40	1

Client Sample ID: PGE

Lab Sample ID: 660-72640-5
Date Collected: 03/15/16 13:20
Matrix: Water
Date Received: 03/15/16 16:35

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.93**	**I**	1.0	0.52	ug/L			03/16/16 12:06	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/16/16 12:06	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/16/16 12:06	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/16/16 12:06	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/16/16 12:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/16/16 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/16/16 12:06*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*03/16/16 12:06*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*03/16/16 12:06*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.9**		2.0	1.0	ug/L			03/16/16 12:59	1

Client Sample ID: SGE

Lab Sample ID: 660-72640-6

Date Collected: 03/15/16 13:25

Matrix: Water

Date Received: 03/15/16 16:35

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/16/16 12:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/16/16 12:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/16/16 12:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/16/16 12:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/16/16 12:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/16/16 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/16/16 12:23*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*03/16/16 12:23*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/16/16 12:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.8**		2.0	1.0	ug/L			03/16/16 13:19	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-72640-7

Date Collected: 03/15/16 13:30

Matrix: Water

Date Received: 03/15/16 16:35

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/16/16 12:58	1
Benzene	0.50	U	1.0	0.50	ug/L			03/16/16 12:58	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/16/16 12:58	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/16/16 12:58	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/16/16 12:58	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/16/16 12:58	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/16/16 12:58	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/16/16 12:58	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/16/16 12:58	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/16/16 12:58	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/16/16 12:58	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/16/16 12:58	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/16/16 12:58	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/16/16 12:58	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/16/16 12:58	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/16/16 12:58	1
cis-1,2-Dichloroethene	**21**		1.0	0.65	ug/L			03/16/16 12:58	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/16/16 12:58	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/16/16 12:58	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/16/16 12:58	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/16/16 12:58	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/16/16 12:58	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/16/16 12:58	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/16/16 12:58	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/16/16 12:58	1
1,1-Dichloroethane	**9.3**		1.0	0.52	ug/L			03/16/16 12:58	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/16/16 12:58	1
1,1-Dichloroethene	**24**		1.0	0.67	ug/L			03/16/16 12:58	1

Client Sample ID: Combined Influent
Date Collected: 03/15/16 13:30
Date Received: 03/15/16 16:35

Lab Sample ID: 660-72640-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/16/16 12:58	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/16/16 12:58	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/16/16 12:58	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/16/16 12:58	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/16/16 12:58	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/16/16 12:58	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/16/16 12:58	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/16/16 12:58	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/16/16 12:58	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/16/16 12:58	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/16/16 12:58	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/16/16 12:58	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/16/16 12:58	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/16/16 12:58	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/16/16 12:58	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/16/16 12:58	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/16/16 12:58	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/16/16 12:58	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/16/16 12:58	1
Styrene	0.98	U	2.0	0.98	ug/L			03/16/16 12:58	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/16/16 12:58	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/16/16 12:58	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/16/16 12:58	1
Tetrachloroethene	**9.6**		1.0	0.50	ug/L			03/16/16 12:58	1
Toluene	0.51	U	1.0	0.51	ug/L			03/16/16 12:58	1
trans-1,2-Dichloroethene	**0.74**	**I**	1.0	0.67	ug/L			03/16/16 12:58	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/16/16 12:58	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/16/16 12:58	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/16/16 12:58	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/16/16 12:58	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/16/16 12:58	1
Trichloroethene	**19**		1.0	0.61	ug/L			03/16/16 12:58	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/16/16 12:58	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/16/16 12:58	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/16/16 12:58	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/16/16 12:58	1
Vinyl chloride	**6.6**		1.0	0.71	ug/L			03/16/16 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/16/16 12:58*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/16/16 12:58*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/16/16 12:58*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**52**		2.0	1.0	ug/L			03/16/16 14:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-167452/7
Matrix: Water
Analysis Batch: 167452

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/16/16 10:02	1
Benzene	0.50	U	1.0	0.50	ug/L			03/16/16 10:02	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/16/16 10:02	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/16/16 10:02	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/16/16 10:02	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/16/16 10:02	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/16/16 10:02	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/16/16 10:02	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/16/16 10:02	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/16/16 10:02	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/16/16 10:02	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/16/16 10:02	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/16/16 10:02	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/16/16 10:02	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/16/16 10:02	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/16/16 10:02	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/16/16 10:02	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/16/16 10:02	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/16/16 10:02	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/16/16 10:02	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/16/16 10:02	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/16/16 10:02	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/16/16 10:02	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/16/16 10:02	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/16/16 10:02	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/16/16 10:02	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/16/16 10:02	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/16/16 10:02	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/16/16 10:02	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/16/16 10:02	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/16/16 10:02	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/16/16 10:02	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/16/16 10:02	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/16/16 10:02	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/16/16 10:02	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/16/16 10:02	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/16/16 10:02	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/16/16 10:02	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/16/16 10:02	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/16/16 10:02	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/16/16 10:02	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/16/16 10:02	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/16/16 10:02	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/16/16 10:02	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/16/16 10:02	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/16/16 10:02	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/16/16 10:02	1
Styrene	0.98	U	2.0	0.98	ug/L			03/16/16 10:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167452/7
Matrix: Water
Analysis Batch: 167452

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/16/16 10:02	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/16/16 10:02	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/16/16 10:02	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/16/16 10:02	1
Toluene	0.51	U	1.0	0.51	ug/L			03/16/16 10:02	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/16/16 10:02	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/16/16 10:02	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/16/16 10:02	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/16/16 10:02	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/16/16 10:02	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/16/16 10:02	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/16/16 10:02	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/16/16 10:02	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/16/16 10:02	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/16/16 10:02	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/16/16 10:02	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/16/16 10:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/16/16 10:02*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/16/16 10:02*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/16/16 10:02*	*1*

Lab Sample ID: LCS 660-167452/4
Matrix: Water
Analysis Batch: 167452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	95.6		ug/L		96	62 - 142
Benzene	10.0	9.25		ug/L		92	68 - 134
Bromobenzene	10.0	8.49		ug/L		85	70 - 130
Bromoform	10.0	9.00		ug/L		90	65 - 130
Bromomethane	10.0	8.48		ug/L		85	22 - 150
2-Butanone (MEK)	100	91.7		ug/L		92	63 - 140
Carbon disulfide	10.0	8.94		ug/L		89	30 - 150
Carbon tetrachloride	10.0	9.03		ug/L		90	61 - 134
Chlorobenzene	10.0	7.98		ug/L		80	70 - 130
Chlorobromomethane	10.0	8.83		ug/L		88	70 - 130
Chlorodibromomethane	10.0	8.28		ug/L		83	70 - 130
Chloroethane	10.0	9.39		ug/L		94	39 - 150
Chloroform	10.0	9.30		ug/L		93	68 - 130
Chloromethane	10.0	8.80		ug/L		88	35 - 150
2-Chlorotoluene	10.0	8.30		ug/L		83	70 - 130
4-Chlorotoluene	10.0	8.34		ug/L		83	70 - 130
cis-1,2-Dichloroethene	10.0	9.58		ug/L		96	66 - 130
cis-1,3-Dichloropropene	10.0	9.21		ug/L		92	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.33		ug/L		83	63 - 130
Dibromomethane	10.0	9.52		ug/L		95	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167452/4
Matrix: Water
Analysis Batch: 167452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	8.40		ug/L		84	70 - 130
1,3-Dichlorobenzene	10.0	8.52		ug/L		85	70 - 130
1,4-Dichlorobenzene	10.0	8.43		ug/L		84	70 - 130
Dichlorobromomethane	10.0	9.67		ug/L		97	70 - 130
Dichlorodifluoromethane	10.0	6.74		ug/L		67	16 - 149
1,1-Dichloroethane	10.0	8.94		ug/L		89	66 - 130
1,2-Dichloroethane	10.0	9.45		ug/L		95	70 - 130
1,1-Dichloroethene	10.0	8.46		ug/L		85	51 - 150
1,2-Dichloropropane	10.0	8.34		ug/L		83	70 - 130
1,3-Dichloropropane	10.0	9.34		ug/L		93	70 - 130
2,2-Dichloropropane	10.0	8.31		ug/L		83	66 - 134
1,1-Dichloropropene	10.0	8.27		ug/L		83	65 - 136
Ethylbenzene	10.0	7.85		ug/L		79	70 - 130
Ethylene Dibromide	10.0	9.13		ug/L		91	66 - 130
Hexachlorobutadiene	10.0	7.81		ug/L		78	62 - 143
2-Hexanone	100	93.8		ug/L		94	60 - 148
Isopropylbenzene	10.0	8.10		ug/L		81	62 - 130
4-Isopropyltoluene	10.0	7.90		ug/L		79	65 - 134
Methylene Chloride	10.0	9.40		ug/L		94	57 - 130
4-Methyl-2-pentanone (MIBK)	100	89.5		ug/L		90	64 - 137
Methyl tert-butyl ether	10.0	8.69		ug/L		87	67 - 130
Naphthalene	10.0	8.22		ug/L		82	50 - 136
n-Butylbenzene	10.0	7.92		ug/L		79	61 - 131
N-Propylbenzene	10.0	8.13		ug/L		81	67 - 130
o-Xylene	10.0	8.12		ug/L		81	69 - 130
sec-Butylbenzene	10.0	8.24		ug/L		82	68 - 133
Styrene	10.0	8.19		ug/L		82	68 - 131
tert-Butylbenzene	10.0	7.75		ug/L		77	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.29		ug/L		83	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.26		ug/L		83	70 - 130
Tetrachloroethene	10.0	8.34		ug/L		83	50 - 143
Toluene	10.0	9.15		ug/L		91	70 - 131
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	62 - 139
trans-1,3-Dichloropropene	10.0	8.83		ug/L		88	67 - 130
1,2,3-Trichlorobenzene	10.0	8.65		ug/L		87	58 - 132
1,2,4-Trichlorobenzene	10.0	8.41		ug/L		84	66 - 130
1,1,1-Trichloroethane	10.0	8.81		ug/L		88	63 - 132
1,1,2-Trichloroethane	10.0	9.31		ug/L		93	70 - 130
Trichloroethene	10.0	8.76		ug/L		88	63 - 139
Trichlorofluoromethane	10.0	10.0		ug/L		100	62 - 146
1,2,3-Trichloropropane	10.0	8.76		ug/L		88	66 - 130
1,2,4-Trimethylbenzene	10.0	8.20		ug/L		82	70 - 132
1,3,5-Trimethylbenzene	10.0	7.99		ug/L		80	65 - 134
Vinyl chloride	10.0	8.97		ug/L		90	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167452/4
Matrix: Water
Analysis Batch: 167452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	107		70 - 130

Lab Sample ID: LCSD 660-167452/5
Matrix: Water
Analysis Batch: 167452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	101		ug/L		101	62 - 142	5	30
Benzene			10.0	10.2		ug/L		102	68 - 134	10	30
Bromobenzene			10.0	8.93		ug/L		89	70 - 130	5	30
Bromoform			10.0	8.50		ug/L		85	65 - 130	6	30
Bromomethane			10.0	7.80		ug/L		78	22 - 150	8	30
2-Butanone (MEK)			100	92.8		ug/L		93	63 - 140	1	30
Carbon disulfide			10.0	11.1		ug/L		111	30 - 150	21	30
Carbon tetrachloride			10.0	10.7		ug/L		107	61 - 134	17	30
Chlorobenzene			10.0	9.49		ug/L		95	70 - 130	17	30
Chlorobromomethane			10.0	10.3		ug/L		103	70 - 130	15	30
Chlorodibromomethane			10.0	9.71		ug/L		97	70 - 130	16	30
Chloroethane			10.0	8.10		ug/L		81	39 - 150	15	30
Chloroform			10.0	10.1		ug/L		101	68 - 130	9	30
Chloromethane			10.0	7.62		ug/L		76	35 - 150	14	30
2-Chlorotoluene			10.0	9.18		ug/L		92	70 - 130	10	30
4-Chlorotoluene			10.0	8.82		ug/L		88	70 - 130	6	30
cis-1,2-Dichloroethene			10.0	10.4		ug/L		104	66 - 130	8	30
cis-1,3-Dichloropropene			10.0	10.5		ug/L		105	70 - 130	13	30
1,2-Dibromo-3-Chloropropane			10.0	9.26		ug/L		93	63 - 130	11	30
Dibromomethane			10.0	10.1		ug/L		101	70 - 130	6	30
1,2-Dichlorobenzene			10.0	9.43		ug/L		94	70 - 130	12	30
1,3-Dichlorobenzene			10.0	9.28		ug/L		93	70 - 130	9	30
1,4-Dichlorobenzene			10.0	9.26		ug/L		93	70 - 130	9	30
Dichlorobromomethane			10.0	10.4		ug/L		104	70 - 130	7	30
Dichlorodifluoromethane			10.0	7.53		ug/L		75	16 - 149	11	30
1,1-Dichloroethane			10.0	10.5		ug/L		105	66 - 130	16	30
1,2-Dichloroethane			10.0	10.2		ug/L		102	70 - 130	7	30
1,1-Dichloroethene			10.0	10.4		ug/L		104	51 - 150	20	30
1,2-Dichloropropane			10.0	9.79		ug/L		98	70 - 130	16	30
1,3-Dichloropropane			10.0	10.1		ug/L		101	70 - 130	8	30
2,2-Dichloropropane			10.0	10.7		ug/L		107	66 - 134	25	30
1,1-Dichloropropene			10.0	10.0		ug/L		100	65 - 136	19	30
Ethylbenzene			10.0	9.43		ug/L		94	70 - 130	18	30
Ethylene Dibromide			10.0	9.74		ug/L		97	66 - 130	7	30
Hexachlorobutadiene			10.0	9.29		ug/L		93	62 - 143	17	30
2-Hexanone			100	95.0		ug/L		95	60 - 148	1	30
Isopropylbenzene			10.0	9.38		ug/L		94	62 - 130	15	30
4-Isopropyltoluene			10.0	9.12		ug/L		91	65 - 134	14	30
Methylene Chloride			10.0	10.9		ug/L		109	57 - 130	14	30
4-Methyl-2-pentanone (MIBK)			100	88.6		ug/L		89	64 - 137	1	30
Methyl tert-butyl ether			10.0	9.84		ug/L		98	67 - 130	12	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-167452/5
Matrix: Water
Analysis Batch: 167452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	8.47		ug/L		85	50 - 136	3	30
n-Butylbenzene			10.0	9.03		ug/L		90	61 - 131	13	30
N-Propylbenzene			10.0	9.41		ug/L		94	67 - 130	15	30
o-Xylene			10.0	9.12		ug/L		91	69 - 130	11	30
sec-Butylbenzene			10.0	9.53		ug/L		95	68 - 133	14	30
Styrene			10.0	9.49		ug/L		95	68 - 131	15	30
tert-Butylbenzene			10.0	9.03		ug/L		90	64 - 130	15	30
1,1,1,2-Tetrachloroethane			10.0	9.55		ug/L		95	70 - 130	14	30
1,1,2,2-Tetrachloroethane			10.0	8.94		ug/L		89	70 - 130	8	30
Tetrachloroethene			10.0	10.6		ug/L		106	50 - 143	24	30
Toluene			10.0	10.2		ug/L		102	70 - 131	11	30
trans-1,2-Dichloroethene			10.0	11.2		ug/L		112	62 - 139	10	30
trans-1,3-Dichloropropene			10.0	9.99		ug/L		100	67 - 130	12	30
1,2,3-Trichlorobenzene			10.0	8.96		ug/L		90	58 - 132	3	30
1,2,4-Trichlorobenzene			10.0	9.44		ug/L		94	66 - 130	12	30
1,1,1-Trichloroethane			10.0	11.3		ug/L		113	63 - 132	25	30
1,1,2-Trichloroethane			10.0	9.15		ug/L		92	70 - 130	2	30
Trichloroethene			10.0	10.6		ug/L		106	63 - 139	19	30
Trichlorofluoromethane			10.0	9.37		ug/L		94	62 - 146	7	30
1,2,3-Trichloropropane			10.0	8.95		ug/L		90	66 - 130	2	30
1,2,4-Trimethylbenzene			10.0	9.17		ug/L		92	70 - 132	11	30
1,3,5-Trimethylbenzene			10.0	8.80		ug/L		88	65 - 134	10	30
Vinyl chloride			10.0	7.73		ug/L		77	48 - 147	15	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

Lab Sample ID: 660-72640-3 MS
Matrix: Water
Analysis Batch: 167452

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	17	I	100	104		ug/L		86	62 - 142
Benzene	0.50	U	10.0	10.8		ug/L		108	68 - 134
Bromobenzene	0.58	U	10.0	9.52		ug/L		95	70 - 130
Bromoform	0.63	U	10.0	8.34		ug/L		83	65 - 130
Bromomethane	2.5	U	10.0	7.40		ug/L		74	22 - 150
2-Butanone (MEK)	8.4	U	100	90.0		ug/L		90	63 - 140
Carbon disulfide	1.0	U	10.0	11.2		ug/L		112	30 - 150
Carbon tetrachloride	0.43	U	10.0	10.9		ug/L		109	61 - 134
Chlorobenzene	0.63	U	10.0	9.29		ug/L		93	70 - 130
Chlorobromomethane	0.58	U	10.0	11.2		ug/L		112	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.90		ug/L		99	70 - 130
Chloroethane	2.5	U	10.0	10.3		ug/L		103	39 - 150
Chloroform	0.90	U	10.0	10.6		ug/L		106	68 - 130
Chloromethane	1.0	U	10.0	8.76		ug/L		88	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72640-3 MS
Matrix: Water
Analysis Batch: 167452

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	9.42		ug/L		94	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.57		ug/L		96	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.9		ug/L		109	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	10.5		ug/L		105	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.83		ug/L		88	63 - 130
Dibromomethane	0.46	U	10.0	11.2		ug/L		112	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.38		ug/L		94	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.23		ug/L		92	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.28		ug/L		93	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.5		ug/L		105	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	8.27		ug/L		83	16 - 149
1,1-Dichloroethane	4.8		10.0	15.2		ug/L		105	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.2		ug/L		112	70 - 130
1,1-Dichloroethene	0.67	U	10.0	10.6		ug/L		106	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.6		ug/L		106	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.4		ug/L		104	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.7		ug/L		107	66 - 134
1,1-Dichloropropene	0.65	U	10.0	10.1		ug/L		101	65 - 136
Ethylbenzene	0.44	U	10.0	9.50		ug/L		95	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.2		ug/L		102	66 - 130
Hexachlorobutadiene	0.34	U	10.0	8.12		ug/L		81	62 - 143
2-Hexanone	4.4	U	100	93.4		ug/L		93	60 - 148
Isopropylbenzene	0.52	U	10.0	9.34		ug/L		93	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.77		ug/L		88	65 - 134
Methylene Chloride	4.0	U	10.0	8.38		ug/L		84	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	92.6		ug/L		93	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.1		ug/L		101	67 - 130
Naphthalene	2.5	U	10.0	8.09		ug/L		81	50 - 136
n-Butylbenzene	0.67	U	10.0	9.00		ug/L		90	61 - 131
N-Propylbenzene	0.59	U	10.0	9.39		ug/L		94	67 - 130
o-Xylene	0.50	U	10.0	9.66		ug/L		97	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.31		ug/L		93	68 - 133
Styrene	0.98	U	10.0	9.22		ug/L		92	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.14		ug/L		91	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.18		ug/L		92	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.74		ug/L		87	70 - 130
Tetrachloroethene	0.50	U	10.0	10.6		ug/L		106	50 - 143
Toluene	0.51	U	10.0	11.3		ug/L		113	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	12.3		ug/L		123	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.1		ug/L		101	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.01		ug/L		90	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.62		ug/L		86	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	11.3		ug/L		113	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.2		ug/L		102	70 - 130
Trichloroethene	0.61	U	10.0	10.3		ug/L		103	63 - 139
Trichlorofluoromethane	2.5	U	10.0	11.1		ug/L		111	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.29		ug/L		93	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.02		ug/L		90	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72640-3 MS
Matrix: Water
Analysis Batch: 167452

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	9.08		ug/L		91	65 - 134
Vinyl chloride	0.71	U	10.0	8.91		ug/L		89	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*
Toluene-d8 (Surr)	*108*		*70 - 130*

Lab Sample ID: 660-72640-2 DU
Matrix: Water
Analysis Batch: 167452

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	16	I	17.9	I	ug/L		9	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	4.3		4.23		ug/L		2	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72640-2 DU
Matrix: Water
Analysis Batch: 167452

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*111*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-167459/7
Matrix: Water
Analysis Batch: 167459

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/16/16 11:37	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167459/4
Matrix: Water
Analysis Batch: 167459

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	10.8		ug/L		108	50 - 150		

Lab Sample ID: LCSD 660-167459/5
Matrix: Water
Analysis Batch: 167459

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	10.4		ug/L		104	50 - 150	5	50

Lab Sample ID: 660-72640-6 MS
Matrix: Water
Analysis Batch: 167459

Client Sample ID: SGE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	5.8		10.0	15.2		ug/L		94	50 - 150		

Lab Sample ID: 660-72640-6 MSD
Matrix: Water
Analysis Batch: 167459

Client Sample ID: SGE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	5.8		10.0	15.5		ug/L		97	50 - 150	1	50

GC/MS VOA

Analysis Batch: 167452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72640-1	AOP Feed	Total/NA	Water	8260B	
660-72640-2	AOP-A effluent	Total/NA	Water	8260B	
660-72640-2 DU	AOP-A effluent	Total/NA	Water	8260B	
660-72640-3	AOP-B effluent	Total/NA	Water	8260B	
660-72640-3 MS	AOP-B effluent	Total/NA	Water	8260B	
660-72640-4	AOP-C Effluent	Total/NA	Water	8260B	
660-72640-5	PGE	Total/NA	Water	8260B	
660-72640-6	SGE	Total/NA	Water	8260B	
660-72640-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-167452/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-167452/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-167452/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 167459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72640-1	AOP Feed	Total/NA	Water	8260C SIM	
660-72640-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-72640-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-72640-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-72640-5	PGE	Total/NA	Water	8260C SIM	
660-72640-6	SGE	Total/NA	Water	8260C SIM	
660-72640-6 MS	SGE	Total/NA	Water	8260C SIM	
660-72640-6 MSD	SGE	Total/NA	Water	8260C SIM	
660-72640-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-167459/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-167459/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-167459/7	Method Blank	Total/NA	Water	8260C SIM	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72640-1

Client Sample ID: AOP Feed
Lab Sample ID: 660-72640-1
Date Collected: 03/15/16 13:00
Matrix: Water
Date Received: 03/15/16 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167452	03/16/16 12:40	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167459	03/16/16 14:33	TGP	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-72640-2
Date Collected: 03/15/16 13:05
Matrix: Water
Date Received: 03/15/16 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167452	03/16/16 10:55	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167459	03/16/16 12:03	TGP	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-72640-3
Date Collected: 03/15/16 13:10
Matrix: Water
Date Received: 03/15/16 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167452	03/16/16 11:30	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167459	03/16/16 12:21	TGP	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-72640-4
Date Collected: 03/15/16 13:15
Matrix: Water
Date Received: 03/15/16 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167452	03/16/16 11:48	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167459	03/16/16 12:40	TGP	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-72640-5
Date Collected: 03/15/16 13:20
Matrix: Water
Date Received: 03/15/16 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167452	03/16/16 12:06	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167459	03/16/16 12:59	TGP	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-72640-6
Date Collected: 03/15/16 13:25
Matrix: Water
Date Received: 03/15/16 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167452	03/16/16 12:23	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72640-1

Client Sample ID: SGE

Lab Sample ID: 660-72640-6

Date Collected: 03/15/16 13:25
Matrix: Water
Date Received: 03/15/16 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	167459	03/16/16 13:19	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-72640-7

Date Collected: 03/15/16 13:30
Matrix: Water
Date Received: 03/15/16 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167452	03/16/16 12:58	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167459	03/16/16 14:51	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72640-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested
City: Sarasota	TAT Requested (days): ~~48 hour turn~~ 24 hr turn	
State, Zip: FL, 34243	PO #: 59731 60313454 03.09.01	
Phone: 941-929-8747	WO #:	
Email: Darrin.Johnson@aecom.com	Project #:	
Project Name: Process Sampling	SSOW#:	
Site: Tallevast		

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List					Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A							
AOP Feed	3/15/16	13:00	G	Water	N	N	2	2							w/H2O2
AOP-A effluent	3/15/16	13:05	G	Water	N	N	2	2							AOP-A @ ~~60~~ 62
AOP-B effluent	3/15/16	13:10	G	Water	N	N	2	2							AOP-B @ 55
AOP-C Effluent	3/15/16	13:15	G	Water	N	N	2	2							AOP-C @ ~~45~~ 45
PGE	3/15/16	13:20	G	Water	N	N	2	2							2103 off
SGE	3/15/16	13:25	G	Water	N	N	2	2							Sys restart today @ 11:00
Combined Influent	3/15/16	13:30	G	Water	N	N		2	2						
															~59% on pump trim
															5gpm recirc

Loc: 660 72640

660-72640 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by		Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 3-15-16 1515	Company AECOM	Received by:	Date/Time: 3-15-16 @ 1515	Company TA TPA
Relinquished by:	Date/Time: 3-15-16 @ 1635	Company TA TPA	Received by:	Date/Time: 3-15-16 1635	Company TA TPA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 0.1 CN-09

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3/16/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-72640-1

Login Number: 72640
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72640-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-72727-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
3/22/2016 9:03:27 AM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Method Summary 43

Job ID: 660-72727-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-72727-1

Comments
No additional comments.

Receipt
The samples were received on 3/18/2016 3:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2º C.

GC/MS VOA
Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 167612 recovered outside control limits for the following analytes: <vinyl chloride and trichlorofluoromethane>.

Method(s) 8260C SIM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for 167597 were outside control limits. Sample detection for 1,4-dioxane caused the MSD to recover low resulting in the precision to exceed control limits. The associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision are within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72727-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-72727-1	AOP Feed 30	Water	03/17/16 12:00	03/18/16 15:55
660-72727-2	AOP Feed 30-2	Water	03/17/16 13:00	03/18/16 15:55
660-72727-3	AOP Feed 60	Water	03/17/16 14:00	03/18/16 15:55
660-72727-4	AOP Feed 60-2	Water	03/17/16 15:00	03/18/16 15:55
660-72727-5	AOP Feed 90	Water	03/17/16 16:00	03/18/16 15:55
660-72727-6	AOP Feed 90-2	Water	03/17/16 17:00	03/18/16 15:55
660-72727-7	AOP Feed 120	Water	03/18/16 09:00	03/18/16 15:55
660-72727-8	AOP Feed 120-2	Water	03/18/16 10:00	03/18/16 15:55
660-72727-9	AOP-A 30	Water	03/17/16 12:05	03/18/16 15:55
660-72727-10	AOP-A 30-2	Water	03/17/16 13:05	03/18/16 15:55
660-72727-11	AOP-A 60	Water	03/17/16 14:05	03/18/16 15:55
660-72727-12	AOP-A 60-2	Water	03/17/16 15:05	03/18/16 15:55
660-72727-13	AOP-A 90	Water	03/17/16 16:05	03/18/16 15:55
660-72727-14	AOP-A 90-2	Water	03/17/16 17:05	03/18/16 15:55
660-72727-15	AOP-A 120	Water	03/18/16 09:05	03/18/16 15:55
660-72727-16	AOP-A 120-2	Water	03/18/16 10:05	03/18/16 15:55
660-72727-17	AOP-B 30	Water	03/17/16 12:10	03/18/16 15:55
660-72727-18	AOP-B 30-2	Water	03/17/16 13:10	03/18/16 15:55
660-72727-19	AOP-B 60	Water	03/17/16 14:10	03/18/16 15:55
660-72727-20	AOP-B 60-2	Water	03/17/16 15:10	03/18/16 15:55
660-72727-21	AOP-B 90	Water	03/17/16 16:10	03/18/16 15:55
660-72727-22	AOP-B 90-2	Water	03/17/16 17:10	03/18/16 15:55
660-72727-23	AOP-B 120	Water	03/18/16 09:10	03/18/16 15:55
660-72727-24	AOP-B 120-2	Water	03/18/16 10:10	03/18/16 15:55
660-72727-25	AOP-C 30	Water	03/17/16 12:15	03/18/16 15:55
660-72727-26	AOP-C 30-2	Water	03/17/16 13:15	03/18/16 15:55
660-72727-27	AOP-C 60	Water	03/17/16 14:15	03/18/16 15:55
660-72727-28	AOP-C 60-2	Water	03/17/16 15:15	03/18/16 15:55
660-72727-29	AOP-C 90	Water	03/17/16 16:15	03/18/16 15:55
660-72727-30	AOP-C 90-2	Water	03/17/16 17:15	03/18/16 15:55
660-72727-31	AOP-C 120	Water	03/18/16 09:15	03/18/16 15:55
660-72727-32	AOP-C 120-2	Water	03/18/16 10:15	03/18/16 15:55

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72727-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72727-1

Client Sample ID: AOP Feed 30 — Lab Sample ID: 660-72727-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.4		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.3		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	48		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP Feed 30-2 — Lab Sample ID: 660-72727-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.1		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	11		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.9		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	45		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP Feed 60 — Lab Sample ID: 660-72727-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.3		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	13		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.0		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	48		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP Feed 60-2 — Lab Sample ID: 660-72727-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.5		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	13		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.1		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	47		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP Feed 90 — Lab Sample ID: 660-72727-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.5		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	13		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.2		1.0	0.71	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72727-1

Client Sample ID: AOP Feed 90 (Continued) — Lab Sample ID: 660-72727-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	49		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP Feed 90-2 — Lab Sample ID: 660-72727-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.3		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	13		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.2		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	51		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP Feed 120 — Lab Sample ID: 660-72727-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.2		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.4		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.4		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	47		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP Feed 120-2 — Lab Sample ID: 660-72727-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.1		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.2		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.3		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	46		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A 30 — Lab Sample ID: 660-72727-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.0		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-A 30-2 — Lab Sample ID: 660-72727-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.8		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-A 60 — Lab Sample ID: 660-72727-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.2		1.0	0.52	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72727-1

Client Sample ID: AOP-A 60-2 — Lab Sample ID: 660-72727-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.4		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-A 90 — Lab Sample ID: 660-72727-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.1		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-A 90-2 — Lab Sample ID: 660-72727-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.2		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-A 120 — Lab Sample ID: 660-72727-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.9		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-A 120-2 — Lab Sample ID: 660-72727-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.8		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B 30 — Lab Sample ID: 660-72727-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B 30-2 — Lab Sample ID: 660-72727-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.8		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B 60 — Lab Sample ID: 660-72727-19

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B 60-2 — Lab Sample ID: 660-72727-20

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B 90 — Lab Sample ID: 660-72727-21

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B 90-2 — Lab Sample ID: 660-72727-22

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP-B 90-2 (Continued) — Lab Sample ID: 660-72727-22

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B 120 — Lab Sample ID: 660-72727-23

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B 120-2 — Lab Sample ID: 660-72727-24

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C 30 — Lab Sample ID: 660-72727-25

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.1		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C 30-2 — Lab Sample ID: 660-72727-26

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C 60 — Lab Sample ID: 660-72727-27

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.5		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C 60-2 — Lab Sample ID: 660-72727-28

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.4		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C 90 — Lab Sample ID: 660-72727-29

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.2		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C 90-2 — Lab Sample ID: 660-72727-30

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.2		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C 120 — Lab Sample ID: 660-72727-31

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.0		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C 120-2 — Lab Sample ID: 660-72727-32

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72727-1

Client Sample ID: AOP-C 120-2 (Continued)

Lab Sample ID: 660-72727-32

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.1		1.0	0.52	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed 30

Lab Sample ID: 660-72727-1

Date Collected: 03/17/16 12:00

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.6		1.0	0.52	ug/L			03/18/16 19:03	1
1,1-Dichloroethene	9.4		1.0	0.67	ug/L			03/18/16 19:03	1
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L			03/18/16 19:03	1
Tetrachloroethene	9.9		1.0	0.50	ug/L			03/18/16 19:03	1
Trichloroethene	12		1.0	0.61	ug/L			03/18/16 19:03	1
Vinyl chloride	2.3		1.0	0.71	ug/L			03/18/16 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/18/16 19:03*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/18/16 19:03*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/18/16 19:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	48		2.0	1.0	ug/L			03/18/16 18:38	1

Client Sample ID: AOP Feed 30-2

Lab Sample ID: 660-72727-2

Date Collected: 03/17/16 13:00

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.8		1.0	0.52	ug/L			03/18/16 19:22	1
1,1-Dichloroethene	9.1		1.0	0.67	ug/L			03/18/16 19:22	1
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L			03/18/16 19:22	1
Tetrachloroethene	11		1.0	0.50	ug/L			03/18/16 19:22	1
Trichloroethene	12		1.0	0.61	ug/L			03/18/16 19:22	1
Vinyl chloride	1.9		1.0	0.71	ug/L			03/18/16 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/18/16 19:22*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/18/16 19:22*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/18/16 19:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	45		2.0	1.0	ug/L			03/18/16 18:57	1

Client Sample ID: AOP Feed 60

Lab Sample ID: 660-72727-3

Date Collected: 03/17/16 14:00

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.8		1.0	0.52	ug/L			03/18/16 19:40	1
1,1-Dichloroethene	9.3		1.0	0.67	ug/L			03/18/16 19:40	1
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L			03/18/16 19:40	1
Tetrachloroethene	13		1.0	0.50	ug/L			03/18/16 19:40	1
Trichloroethene	12		1.0	0.61	ug/L			03/18/16 19:40	1
Vinyl chloride	2.0		1.0	0.71	ug/L			03/18/16 19:40	1

Client Sample ID: AOP Feed 60

Lab Sample ID: 660-72727-3

Date Collected: 03/17/16 14:00

Matrix: Water

Date Received: 03/18/16 15:55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/18/16 19:40*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/18/16 19:40*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/18/16 19:40*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	48		2.0	1.0	ug/L			03/18/16 19:15	1

Client Sample ID: AOP Feed 60-2

Lab Sample ID: 660-72727-4

Date Collected: 03/17/16 15:00

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.7		1.0	0.52	ug/L			03/18/16 19:58	1
1,1-Dichloroethene	9.5		1.0	0.67	ug/L			03/18/16 19:58	1
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L			03/18/16 19:58	1
Tetrachloroethene	13		1.0	0.50	ug/L			03/18/16 19:58	1
Trichloroethene	13		1.0	0.61	ug/L			03/18/16 19:58	1
Vinyl chloride	2.1		1.0	0.71	ug/L			03/18/16 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*03/18/16 19:58*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/18/16 19:58*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/18/16 19:58*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	47		2.0	1.0	ug/L			03/18/16 19:34	1

Client Sample ID: AOP Feed 90

Lab Sample ID: 660-72727-5

Date Collected: 03/17/16 16:00

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.7		1.0	0.52	ug/L			03/18/16 20:17	1
1,1-Dichloroethene	9.5		1.0	0.67	ug/L			03/18/16 20:17	1
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L			03/18/16 20:17	1
Tetrachloroethene	13		1.0	0.50	ug/L			03/18/16 20:17	1
Trichloroethene	12		1.0	0.61	ug/L			03/18/16 20:17	1
Vinyl chloride	2.2		1.0	0.71	ug/L			03/18/16 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/18/16 20:17*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/18/16 20:17*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/18/16 20:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	49		2.0	1.0	ug/L			03/18/16 19:52	1

Client Sample ID: AOP Feed 90-2

Lab Sample ID: 660-72727-6
Date Collected: 03/17/16 17:00
Matrix: Water
Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.7		1.0	0.52	ug/L			03/18/16 20:36	1
1,1-Dichloroethene	9.3		1.0	0.67	ug/L			03/18/16 20:36	1
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L			03/18/16 20:36	1
Tetrachloroethene	13		1.0	0.50	ug/L			03/18/16 20:36	1
Trichloroethene	13		1.0	0.61	ug/L			03/18/16 20:36	1
Vinyl chloride	2.2		1.0	0.71	ug/L			03/18/16 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/18/16 20:36*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/18/16 20:36*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/18/16 20:36*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	51		2.0	1.0	ug/L			03/18/16 20:11	1

Client Sample ID: AOP Feed 120

Lab Sample ID: 660-72727-7
Date Collected: 03/18/16 09:00
Matrix: Water
Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.6		1.0	0.52	ug/L			03/18/16 20:54	1
1,1-Dichloroethene	9.2		1.0	0.67	ug/L			03/18/16 20:54	1
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L			03/18/16 20:54	1
Tetrachloroethene	9.4		1.0	0.50	ug/L			03/18/16 20:54	1
Trichloroethene	12		1.0	0.61	ug/L			03/18/16 20:54	1
Vinyl chloride	2.4		1.0	0.71	ug/L			03/18/16 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/18/16 20:54*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/18/16 20:54*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*03/18/16 20:54*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	47		2.0	1.0	ug/L			03/18/16 20:29	1

Client Sample ID: AOP Feed 120-2

Lab Sample ID: 660-72727-8
Date Collected: 03/18/16 10:00
Matrix: Water
Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.8		1.0	0.52	ug/L			03/18/16 21:13	1
1,1-Dichloroethene	9.1		1.0	0.67	ug/L			03/18/16 21:13	1
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L			03/18/16 21:13	1
Tetrachloroethene	9.2		1.0	0.50	ug/L			03/18/16 21:13	1
Trichloroethene	12		1.0	0.61	ug/L			03/18/16 21:13	1
Vinyl chloride	2.3		1.0	0.71	ug/L			03/18/16 21:13	1

Client Sample ID: AOP Feed 120-2

Lab Sample ID: 660-72727-8
Date Collected: 03/18/16 10:00
Matrix: Water
Date Received: 03/18/16 15:55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/18/16 21:13*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/18/16 21:13*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/18/16 21:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**46**		2.0	1.0	ug/L			03/18/16 20:48	1

Client Sample ID: AOP-A 30

Lab Sample ID: 660-72727-9
Date Collected: 03/17/16 12:05
Matrix: Water
Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.0**		1.0	0.52	ug/L			03/18/16 21:31	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/18/16 21:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/18/16 21:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/18/16 21:31	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/18/16 21:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/18/16 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/18/16 21:31*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/18/16 21:31*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/18/16 21:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/18/16 21:06	1

Client Sample ID: AOP-A 30-2

Lab Sample ID: 660-72727-10
Date Collected: 03/17/16 13:05
Matrix: Water
Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.8**		1.0	0.52	ug/L			03/18/16 21:50	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/18/16 21:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/18/16 21:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/18/16 21:50	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/18/16 21:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/18/16 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/18/16 21:50*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/18/16 21:50*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/18/16 21:50*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/18/16 21:25	1

Client Sample ID: AOP-A 60

Lab Sample ID: 660-72727-11

Date Collected: 03/17/16 14:05

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.2**		1.0	0.52	ug/L			03/18/16 22:08	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/18/16 22:08	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/18/16 22:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/18/16 22:08	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/18/16 22:08	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/18/16 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/18/16 22:08*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/18/16 22:08*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/18/16 22:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/18/16 21:43	1

Client Sample ID: AOP-A 60-2

Lab Sample ID: 660-72727-12

Date Collected: 03/17/16 15:05

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.4**		1.0	0.52	ug/L			03/18/16 22:27	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/18/16 22:27	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/18/16 22:27	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/18/16 22:27	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/18/16 22:27	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/18/16 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/18/16 22:27*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/18/16 22:27*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/18/16 22:27*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/18/16 22:02	1

Client Sample ID: AOP-A 90

Lab Sample ID: 660-72727-13

Date Collected: 03/17/16 16:05

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.1**		1.0	0.52	ug/L			03/18/16 22:45	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/18/16 22:45	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/18/16 22:45	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/18/16 22:45	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/18/16 22:45	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/18/16 22:45	1

Client Sample ID: AOP-A 90

Lab Sample ID: 660-72727-13

Date Collected: 03/17/16 16:05

Matrix: Water

Date Received: 03/18/16 15:55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/18/16 22:45*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*03/18/16 22:45*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/18/16 22:45*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/18/16 22:20	1

Client Sample ID: AOP-A 90-2

Lab Sample ID: 660-72727-14

Date Collected: 03/17/16 17:05

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.2**		1.0	0.52	ug/L			03/18/16 23:04	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/18/16 23:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/18/16 23:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/18/16 23:04	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/18/16 23:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/18/16 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/18/16 23:04*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/18/16 23:04*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/18/16 23:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/18/16 22:38	1

Client Sample ID: AOP-A 120

Lab Sample ID: 660-72727-15

Date Collected: 03/18/16 09:05

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**2.9**		1.0	0.52	ug/L			03/18/16 23:22	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/18/16 23:22	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/18/16 23:22	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/18/16 23:22	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/18/16 23:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/18/16 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/18/16 23:22*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/18/16 23:22*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/18/16 23:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/18/16 22:57	1

Client Sample ID: AOP-A 120-2

Lab Sample ID: 660-72727-16

Date Collected: 03/18/16 10:05

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**2.8**		1.0	0.52	ug/L			03/18/16 23:41	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/18/16 23:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/18/16 23:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/18/16 23:41	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/18/16 23:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/18/16 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/18/16 23:41*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/18/16 23:41*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/18/16 23:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/18/16 23:16	1

Client Sample ID: AOP-B 30

Lab Sample ID: 660-72727-17

Date Collected: 03/17/16 12:10

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			03/19/16 00:00	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 00:00	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 00:00	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 00:00	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 00:00	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/19/16 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/19/16 00:00*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/19/16 00:00*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/19/16 00:00*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**	**I**	2.0	1.0	ug/L			03/18/16 23:34	1

Client Sample ID: AOP-B 30-2

Lab Sample ID: 660-72727-18

Date Collected: 03/17/16 13:10

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.8**		1.0	0.52	ug/L			03/19/16 14:05	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 14:05	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 14:05	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 14:05	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 14:05	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 14:05	1

Client Sample ID: AOP-B 30-2

Lab Sample ID: 660-72727-18

Date Collected: 03/17/16 13:10

Matrix: Water

Date Received: 03/18/16 15:55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/19/16 14:05*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/19/16 14:05*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/19/16 14:05*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 11:52	1

Client Sample ID: AOP-B 60

Lab Sample ID: 660-72727-19

Date Collected: 03/17/16 14:10

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			03/19/16 14:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 14:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 14:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 14:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 14:23	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/19/16 14:23*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/19/16 14:23*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/19/16 14:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 13:06	1

Client Sample ID: AOP-B 60-2

Lab Sample ID: 660-72727-20

Date Collected: 03/17/16 15:10

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			03/19/16 15:46	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 15:46	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 15:46	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 15:46	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 15:46	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/19/16 15:46*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/19/16 15:46*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/19/16 15:46*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 13:24	1

Client Sample ID: AOP-B 90

Lab Sample ID: 660-72727-21

Date Collected: 03/17/16 16:10

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.9**		1.0	0.52	ug/L			03/19/16 16:03	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 16:03	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 16:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 16:03	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 16:03	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/19/16 16:03*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/19/16 16:03*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/19/16 16:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 13:43	1

Client Sample ID: AOP-B 90-2

Lab Sample ID: 660-72727-22

Date Collected: 03/17/16 17:10

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			03/19/16 16:21	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 16:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 16:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 16:21	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 16:21	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/19/16 16:21*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/19/16 16:21*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/19/16 16:21*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 14:01	1

Client Sample ID: AOP-B 120

Lab Sample ID: 660-72727-23

Date Collected: 03/18/16 09:10

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.9**		1.0	0.52	ug/L			03/19/16 16:39	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 16:39	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 16:39	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 16:39	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 16:39	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 16:39	1

Client Sample ID: AOP-B 120

Lab Sample ID: 660-72727-23

Date Collected: 03/18/16 09:10

Matrix: Water

Date Received: 03/18/16 15:55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/19/16 16:39*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/19/16 16:39*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/19/16 16:39*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 14:19	1

Client Sample ID: AOP-B 120-2

Lab Sample ID: 660-72727-24

Date Collected: 03/18/16 10:10

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.9**		1.0	0.52	ug/L			03/19/16 16:56	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 16:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 16:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 16:56	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 16:56	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/19/16 16:56*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/19/16 16:56*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/19/16 16:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 14:38	1

Client Sample ID: AOP-C 30

Lab Sample ID: 660-72727-25

Date Collected: 03/17/16 12:15

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.1**		1.0	0.52	ug/L			03/19/16 17:14	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 17:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 17:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 17:14	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 17:14	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/19/16 17:14*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/19/16 17:14*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/19/16 17:14*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 14:56	1

Client Sample ID: AOP-C 30-2

Lab Sample ID: 660-72727-26

Date Collected: 03/17/16 13:15

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			03/19/16 17:31	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 17:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 17:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 17:31	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 17:31	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/19/16 17:31*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/19/16 17:31*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/19/16 17:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 15:15	1

Client Sample ID: AOP-C 60

Lab Sample ID: 660-72727-27

Date Collected: 03/17/16 14:15

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.5**		1.0	0.52	ug/L			03/19/16 17:49	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 17:49	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 17:49	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 17:49	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 17:49	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/19/16 17:49*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/19/16 17:49*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/19/16 17:49*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 15:33	1

Client Sample ID: AOP-C 60-2

Lab Sample ID: 660-72727-28

Date Collected: 03/17/16 15:15

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.4**		1.0	0.52	ug/L			03/19/16 18:07	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 18:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 18:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 18:07	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 18:07	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 18:07	1

Client Sample ID: AOP-C 60-2

Lab Sample ID: 660-72727-28

Date Collected: 03/17/16 15:15

Matrix: Water

Date Received: 03/18/16 15:55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/19/16 18:07*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/19/16 18:07*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/19/16 18:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 15:52	1

Client Sample ID: AOP-C 90

Lab Sample ID: 660-72727-29

Date Collected: 03/17/16 16:15

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.2**		1.0	0.52	ug/L			03/19/16 18:24	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 18:24	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 18:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 18:24	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 18:24	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/19/16 18:24*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/19/16 18:24*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/19/16 18:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 16:10	1

Client Sample ID: AOP-C 90-2

Lab Sample ID: 660-72727-30

Date Collected: 03/17/16 17:15

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.2**		1.0	0.52	ug/L			03/19/16 18:42	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 18:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 18:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 18:42	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 18:42	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/19/16 18:42*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/19/16 18:42*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/19/16 18:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 16:28	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72727-1

Client Sample ID: AOP-C 120

Lab Sample ID: 660-72727-31

Date Collected: 03/18/16 09:15

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.0**		1.0	0.52	ug/L			03/19/16 18:59	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 18:59	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 18:59	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 18:59	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 18:59	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/19/16 18:59*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/19/16 18:59*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/19/16 18:59*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 16:47	1

Client Sample ID: AOP-C 120-2

Lab Sample ID: 660-72727-32

Date Collected: 03/18/16 10:15

Matrix: Water

Date Received: 03/18/16 15:55

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.1**		1.0	0.52	ug/L			03/19/16 19:17	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 19:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 19:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 19:17	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 19:17	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/19/16 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/19/16 19:17*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/19/16 19:17*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/19/16 19:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 17:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-167599/33
Matrix: Water
Analysis Batch: 167599

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/18/16 16:50	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/18/16 16:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/18/16 16:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/18/16 16:50	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/18/16 16:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/18/16 16:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/18/16 16:50*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*03/18/16 16:50*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/18/16 16:50*	*1*

Lab Sample ID: LCS 660-167599/4
Matrix: Water
Analysis Batch: 167599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			10.0	10.5		ug/L		105	66 - 130		
1,1-Dichloroethene			10.0	10.1		ug/L		101	51 - 150		
cis-1,2-Dichloroethene			10.0	11.1		ug/L		111	66 - 130		
Tetrachloroethene			10.0	11.4		ug/L		114	50 - 143		
Trichloroethene			10.0	11.2		ug/L		112	63 - 139		
Vinyl chloride			10.0	11.9		ug/L		119	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 660-167599/5
Matrix: Water
Analysis Batch: 167599

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane			10.0	10.4		ug/L		104	66 - 130	1	30
1,1-Dichloroethene			10.0	9.29		ug/L		93	51 - 150	8	30
cis-1,2-Dichloroethene			10.0	10.2		ug/L		102	66 - 130	9	30
Tetrachloroethene			10.0	11.2		ug/L		112	50 - 143	1	30
Trichloroethene			10.0	10.8		ug/L		108	63 - 139	3	30
Vinyl chloride			10.0	10.2		ug/L		102	48 - 147	16	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72720-B-3 MS
Matrix: Water
Analysis Batch: 167599

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	0.52	U	10.0	12.0		ug/L		120	66 - 130
1,1-Dichloroethene	0.67	U	10.0	11.3		ug/L		113	51 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	12.4		ug/L		124	66 - 130
Tetrachloroethene	0.50	U	10.0	13.0		ug/L		130	50 - 143
Trichloroethene	0.61	U	10.0	12.7		ug/L		127	63 - 139
Vinyl chloride	0.71	U	10.0	12.9		ug/L		129	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-72710-F-1 DU
Matrix: Water
Analysis Batch: 167599

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 660-167612/9
Matrix: Water
Analysis Batch: 167612

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/19/16 13:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/19/16 13:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/19/16 13:34	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/19/16 13:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/19/16 13:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/19/16 13:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/19/16 13:34*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*03/19/16 13:34*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/19/16 13:34*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167612/6
Matrix: Water
Analysis Batch: 167612

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	10.0	9.65		ug/L		96	66 - 130
1,1-Dichloroethene	10.0	7.86		ug/L		79	51 - 150
cis-1,2-Dichloroethene	10.0	9.47		ug/L		95	66 - 130
Tetrachloroethene	10.0	7.67		ug/L		77	50 - 143
Trichloroethene	10.0	9.52		ug/L		95	63 - 139
Vinyl chloride	10.0	7.11		ug/L		71	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 660-167612/7
Matrix: Water
Analysis Batch: 167612

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	10.0	10.8		ug/L		108	66 - 130	11	30
1,1-Dichloroethene	10.0	9.51		ug/L		95	51 - 150	19	30
cis-1,2-Dichloroethene	10.0	9.81		ug/L		98	66 - 130	3	30
Tetrachloroethene	10.0	10.0		ug/L		100	50 - 143	27	30
Trichloroethene	10.0	10.5		ug/L		105	63 - 139	10	30
Vinyl chloride	10.0	10.1	J3	ug/L		101	48 - 147	34	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-72727-19 MS
Matrix: Water
Analysis Batch: 167612

Client Sample ID: AOP-B 60
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.3		10.0	13.4		ug/L		91	66 - 130
1,1-Dichloroethene	0.67	U	10.0	8.63		ug/L		86	51 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	9.34		ug/L		93	66 - 130
Tetrachloroethene	0.50	U	10.0	9.29		ug/L		93	50 - 143
Trichloroethene	0.61	U	10.0	9.28		ug/L		93	63 - 139
Vinyl chloride	0.71	U J3	10.0	9.54		ug/L		95	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72727-18 DU
Matrix: Water
Analysis Batch: 167612

Client Sample ID: AOP-B 30-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	4.8		4.37		ug/L		10	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Vinyl chloride	0.71	U J3	0.71	U J3	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-167597/7
Matrix: Water
Analysis Batch: 167597

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/18/16 16:12	1

Lab Sample ID: LCS 660-167597/4
Matrix: Water
Analysis Batch: 167597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	9.01		ug/L		90	50 - 150

Lab Sample ID: LCSD 660-167597/5
Matrix: Water
Analysis Batch: 167597

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	9.76		ug/L		98	50 - 150	8	50

Lab Sample ID: 660-72682-B-3 MS
Matrix: Water
Analysis Batch: 167597

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	19	J3	10.0	35.0	J3	ug/L		161	50 - 150

Lab Sample ID: 660-72682-B-3 MSD
Matrix: Water
Analysis Batch: 167597

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	19	J3	10.0	17.8	J3	ug/L		-11	50 - 150	65	50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167650/7
Matrix: Water
Analysis Batch: 167650

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/21/16 11:26	1

Lab Sample ID: LCS 660-167650/4
Matrix: Water
Analysis Batch: 167650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	10.5		ug/L		105	50 - 150

Lab Sample ID: LCSD 660-167650/5
Matrix: Water
Analysis Batch: 167650

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	9.16		ug/L		92	50 - 150	14	50

Lab Sample ID: 660-72727-18 MS
Matrix: Water
Analysis Batch: 167650

Client Sample ID: AOP-B 30-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	10.0		ug/L		100	50 - 150

Lab Sample ID: 660-72727-18 MSD
Matrix: Water
Analysis Batch: 167650

Client Sample ID: AOP-B 30-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	12.5		ug/L		125	50 - 150	22	50

GC/MS VOA

Analysis Batch: 167597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72682-B-3 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-72682-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
660-72727-1	AOP Feed 30	Total/NA	Water	8260C SIM	
660-72727-2	AOP Feed 30-2	Total/NA	Water	8260C SIM	
660-72727-3	AOP Feed 60	Total/NA	Water	8260C SIM	
660-72727-4	AOP Feed 60-2	Total/NA	Water	8260C SIM	
660-72727-5	AOP Feed 90	Total/NA	Water	8260C SIM	
660-72727-6	AOP Feed 90-2	Total/NA	Water	8260C SIM	
660-72727-7	AOP Feed 120	Total/NA	Water	8260C SIM	
660-72727-8	AOP Feed 120-2	Total/NA	Water	8260C SIM	
660-72727-9	AOP-A 30	Total/NA	Water	8260C SIM	
660-72727-10	AOP-A 30-2	Total/NA	Water	8260C SIM	
660-72727-11	AOP-A 60	Total/NA	Water	8260C SIM	
660-72727-12	AOP-A 60-2	Total/NA	Water	8260C SIM	
660-72727-13	AOP-A 90	Total/NA	Water	8260C SIM	
660-72727-14	AOP-A 90-2	Total/NA	Water	8260C SIM	
660-72727-15	AOP-A 120	Total/NA	Water	8260C SIM	
660-72727-16	AOP-A 120-2	Total/NA	Water	8260C SIM	
660-72727-17	AOP-B 30	Total/NA	Water	8260C SIM	
LCS 660-167597/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-167597/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-167597/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 167599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72710-F-1 DU	Duplicate	Total/NA	Water	8260B	
660-72720-B-3 MS	Matrix Spike	Total/NA	Water	8260B	
660-72727-1	AOP Feed 30	Total/NA	Water	8260B	
660-72727-2	AOP Feed 30-2	Total/NA	Water	8260B	
660-72727-3	AOP Feed 60	Total/NA	Water	8260B	
660-72727-4	AOP Feed 60-2	Total/NA	Water	8260B	
660-72727-5	AOP Feed 90	Total/NA	Water	8260B	
660-72727-6	AOP Feed 90-2	Total/NA	Water	8260B	
660-72727-7	AOP Feed 120	Total/NA	Water	8260B	
660-72727-8	AOP Feed 120-2	Total/NA	Water	8260B	
660-72727-9	AOP-A 30	Total/NA	Water	8260B	
660-72727-10	AOP-A 30-2	Total/NA	Water	8260B	
660-72727-11	AOP-A 60	Total/NA	Water	8260B	
660-72727-12	AOP-A 60-2	Total/NA	Water	8260B	
660-72727-13	AOP-A 90	Total/NA	Water	8260B	
660-72727-14	AOP-A 90-2	Total/NA	Water	8260B	
660-72727-15	AOP-A 120	Total/NA	Water	8260B	
660-72727-16	AOP-A 120-2	Total/NA	Water	8260B	
660-72727-17	AOP-B 30	Total/NA	Water	8260B	
LCS 660-167599/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-167599/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-167599/33	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 167612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72727-18	AOP-B 30-2	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 167612 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72727-18 DU	AOP-B 30-2	Total/NA	Water	8260B	
660-72727-19	AOP-B 60	Total/NA	Water	8260B	
660-72727-19 MS	AOP-B 60	Total/NA	Water	8260B	
660-72727-20	AOP-B 60-2	Total/NA	Water	8260B	
660-72727-21	AOP-B 90	Total/NA	Water	8260B	
660-72727-22	AOP-B 90-2	Total/NA	Water	8260B	
660-72727-23	AOP-B 120	Total/NA	Water	8260B	
660-72727-24	AOP-B 120-2	Total/NA	Water	8260B	
660-72727-25	AOP-C 30	Total/NA	Water	8260B	
660-72727-26	AOP-C 30-2	Total/NA	Water	8260B	
660-72727-27	AOP-C 60	Total/NA	Water	8260B	
660-72727-28	AOP-C 60-2	Total/NA	Water	8260B	
660-72727-29	AOP-C 90	Total/NA	Water	8260B	
660-72727-30	AOP-C 90-2	Total/NA	Water	8260B	
660-72727-31	AOP-C 120	Total/NA	Water	8260B	
660-72727-32	AOP-C 120-2	Total/NA	Water	8260B	
LCS 660-167612/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-167612/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-167612/9	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 167650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72727-18	AOP-B 30-2	Total/NA	Water	8260C SIM	
660-72727-18 MS	AOP-B 30-2	Total/NA	Water	8260C SIM	
660-72727-18 MSD	AOP-B 30-2	Total/NA	Water	8260C SIM	
660-72727-19	AOP-B 60	Total/NA	Water	8260C SIM	
660-72727-20	AOP-B 60-2	Total/NA	Water	8260C SIM	
660-72727-21	AOP-B 90	Total/NA	Water	8260C SIM	
660-72727-22	AOP-B 90-2	Total/NA	Water	8260C SIM	
660-72727-23	AOP-B 120	Total/NA	Water	8260C SIM	
660-72727-24	AOP-B 120-2	Total/NA	Water	8260C SIM	
660-72727-25	AOP-C 30	Total/NA	Water	8260C SIM	
660-72727-26	AOP-C 30-2	Total/NA	Water	8260C SIM	
660-72727-27	AOP-C 60	Total/NA	Water	8260C SIM	
660-72727-28	AOP-C 60-2	Total/NA	Water	8260C SIM	
660-72727-29	AOP-C 90	Total/NA	Water	8260C SIM	
660-72727-30	AOP-C 90-2	Total/NA	Water	8260C SIM	
660-72727-31	AOP-C 120	Total/NA	Water	8260C SIM	
660-72727-32	AOP-C 120-2	Total/NA	Water	8260C SIM	
LCS 660-167650/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-167650/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-167650/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: AOP Feed 30
Lab Sample ID: 660-72727-1
Date Collected: 03/17/16 12:00
Matrix: Water
Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 19:03	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 18:38	TGP	TAL TAM

Client Sample ID: AOP Feed 30-2
Lab Sample ID: 660-72727-2
Date Collected: 03/17/16 13:00
Matrix: Water
Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 19:22	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 18:57	TGP	TAL TAM

Client Sample ID: AOP Feed 60
Lab Sample ID: 660-72727-3
Date Collected: 03/17/16 14:00
Matrix: Water
Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 19:40	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 19:15	TGP	TAL TAM

Client Sample ID: AOP Feed 60-2
Lab Sample ID: 660-72727-4
Date Collected: 03/17/16 15:00
Matrix: Water
Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 19:58	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 19:34	TGP	TAL TAM

Client Sample ID: AOP Feed 90
Lab Sample ID: 660-72727-5
Date Collected: 03/17/16 16:00
Matrix: Water
Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 20:17	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 19:52	TGP	TAL TAM

Client Sample ID: AOP Feed 90-2
Lab Sample ID: 660-72727-6
Date Collected: 03/17/16 17:00
Matrix: Water
Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 20:36	TGP	TAL TAM

Client Sample ID: AOP Feed 90-2

Lab Sample ID: 660-72727-6

Date Collected: 03/17/16 17:00

Matrix: Water

Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 20:11	TGP	TAL TAM

Client Sample ID: AOP Feed 120

Lab Sample ID: 660-72727-7

Date Collected: 03/18/16 09:00

Matrix: Water

Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 20:54	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 20:29	TGP	TAL TAM

Client Sample ID: AOP Feed 120-2

Lab Sample ID: 660-72727-8

Date Collected: 03/18/16 10:00

Matrix: Water

Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 21:13	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 20:48	TGP	TAL TAM

Client Sample ID: AOP-A 30

Lab Sample ID: 660-72727-9

Date Collected: 03/17/16 12:05

Matrix: Water

Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 21:31	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 21:06	TGP	TAL TAM

Client Sample ID: AOP-A 30-2

Lab Sample ID: 660-72727-10

Date Collected: 03/17/16 13:05

Matrix: Water

Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 21:50	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 21:25	TGP	TAL TAM

Client Sample ID: AOP-A 60

Lab Sample ID: 660-72727-11

Date Collected: 03/17/16 14:05

Matrix: Water

Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 22:08	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 21:43	TGP	TAL TAM

Client Sample ID: AOP-A 60-2

Lab Sample ID: 660-72727-12

Date Collected: 03/17/16 15:05

Matrix: Water

Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 22:27	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 22:02	TGP	TAL TAM

Client Sample ID: AOP-A 90

Lab Sample ID: 660-72727-13

Date Collected: 03/17/16 16:05

Matrix: Water

Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 22:45	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 22:20	TGP	TAL TAM

Client Sample ID: AOP-A 90-2

Lab Sample ID: 660-72727-14

Date Collected: 03/17/16 17:05

Matrix: Water

Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 23:04	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 22:38	TGP	TAL TAM

Client Sample ID: AOP-A 120

Lab Sample ID: 660-72727-15

Date Collected: 03/18/16 09:05

Matrix: Water

Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 23:22	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 22:57	TGP	TAL TAM

Client Sample ID: AOP-A 120-2

Lab Sample ID: 660-72727-16

Date Collected: 03/18/16 10:05

Matrix: Water

Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/18/16 23:41	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 23:16	TGP	TAL TAM

Client Sample ID: AOP-B 30

Lab Sample ID: 660-72727-17

Date Collected: 03/17/16 12:10

Matrix: Water

Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167599	03/19/16 00:00	TGP	TAL TAM

Client Sample ID: AOP-B 30
Date Collected: 03/17/16 12:10
Date Received: 03/18/16 15:55

Lab Sample ID: 660-72727-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	167597	03/18/16 23:34	TGP	TAL TAM

Client Sample ID: AOP-B 30-2
Date Collected: 03/17/16 13:10
Date Received: 03/18/16 15:55

Lab Sample ID: 660-72727-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 14:05	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 11:52	TGP	TAL TAM

Client Sample ID: AOP-B 60
Date Collected: 03/17/16 14:10
Date Received: 03/18/16 15:55

Lab Sample ID: 660-72727-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 14:23	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 13:06	TGP	TAL TAM

Client Sample ID: AOP-B 60-2
Date Collected: 03/17/16 15:10
Date Received: 03/18/16 15:55

Lab Sample ID: 660-72727-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 15:46	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 13:24	TGP	TAL TAM

Client Sample ID: AOP-B 90
Date Collected: 03/17/16 16:10
Date Received: 03/18/16 15:55

Lab Sample ID: 660-72727-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 16:03	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 13:43	TGP	TAL TAM

Client Sample ID: AOP-B 90-2
Date Collected: 03/17/16 17:10
Date Received: 03/18/16 15:55

Lab Sample ID: 660-72727-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 16:21	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 14:01	TGP	TAL TAM

Client Sample ID: AOP-B 120
Lab Sample ID: 660-72727-23
Date Collected: 03/18/16 09:10
Matrix: Water
Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 16:39	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 14:19	TGP	TAL TAM

Client Sample ID: AOP-B 120-2
Lab Sample ID: 660-72727-24
Date Collected: 03/18/16 10:10
Matrix: Water
Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 16:56	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 14:38	TGP	TAL TAM

Client Sample ID: AOP-C 30
Lab Sample ID: 660-72727-25
Date Collected: 03/17/16 12:15
Matrix: Water
Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 17:14	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 14:56	TGP	TAL TAM

Client Sample ID: AOP-C 30-2
Lab Sample ID: 660-72727-26
Date Collected: 03/17/16 13:15
Matrix: Water
Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 17:31	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 15:15	TGP	TAL TAM

Client Sample ID: AOP-C 60
Lab Sample ID: 660-72727-27
Date Collected: 03/17/16 14:15
Matrix: Water
Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 17:49	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 15:33	TGP	TAL TAM

Client Sample ID: AOP-C 60-2
Lab Sample ID: 660-72727-28
Date Collected: 03/17/16 15:15
Matrix: Water
Date Received: 03/18/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 18:07	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72727-1

Client Sample ID: AOP-C 60-2
Date Collected: 03/17/16 15:15
Date Received: 03/18/16 15:55

Lab Sample ID: 660-72727-28
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 15:52	TGP	TAL TAM

Client Sample ID: AOP-C 90
Date Collected: 03/17/16 16:15
Date Received: 03/18/16 15:55

Lab Sample ID: 660-72727-29
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 18:24	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 16:10	TGP	TAL TAM

Client Sample ID: AOP-C 90-2
Date Collected: 03/17/16 17:15
Date Received: 03/18/16 15:55

Lab Sample ID: 660-72727-30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 18:42	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 16:28	TGP	TAL TAM

Client Sample ID: AOP-C 120
Date Collected: 03/18/16 09:15
Date Received: 03/18/16 15:55

Lab Sample ID: 660-72727-31
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 18:59	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 16:47	TGP	TAL TAM

Client Sample ID: AOP-C 120-2
Date Collected: 03/18/16 10:15
Date Received: 03/18/16 15:55

Lab Sample ID: 660-72727-32
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167612	03/19/16 19:17	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167650	03/21/16 17:07	TGP	TAL TAM

Laboratory References:
TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72727-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No. 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 3 1 of 3
Company: AECOM				Job #

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Sarasota	TAT Requested (days): 24 hour turn		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243			
Phone: 941-929-8747	PO #: 59731 60313454 18.03		
Email: Darrin.Johnson@aecom.com	WO #:		Other:
Project Name: Process Testing	Project #:		
Site: Tallevast	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List								Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A										
AOP Feed 30	3/17/16	12:00	G	Water	N	N	2	2										inf flow - 155 - 160 gpm
AOP Feed 30-2	3-17-16	13:00	G	Water	N	N	2	2										2103 + 2104 @ 25 each
AOP Feed 60	3-17-16	14:00	G	Water	N	N	2	2										AOP-A @ 62
AOP Feed 60-2	3-17-16	15:00	G	Water	N	N	2	2										AOP-B @ 55
AOP Feed 90	3-17-16	16:00	G	Water	N	N	2	2										AOP-C @ 45
AOP Feed 90-2	3-17-16	17:00	G	Water	N	N	2	2										
AOP Feed 120	3-18-16	09:00	G	Water	N	N	2	2										
AOP Feed 120-2	3-18-16	10:00	G	Water	N	N	2	2										
AOP-A 30	3-17-16	12:05	G	Water	N	N	2	2										
AOP-A 30-2	3-17-16	13:05	G	Water	N	N	2	2										
AOP-A 60	3-17-16	14:05	G	Water	N	N	2	2										

Loc: 660 72727

660-72727 Chain of Custody

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 3-16-16 1400	Company AECOM
Relinquished by:	Date/Time: 3-18-16 1430	Company AECOM	Received by:	Date/Time: 3-18-16 1430	Company TA TPA
Relinquished by:	Date/Time: 3-18-16 1555	Company TA TPA	Received by:	Date/Time: 3/18/16 1555	Company TA TPA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.8 | 3.2 cw-09

3/22/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page ~~1 of 1~~ 2 of 3
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Sarasota	TAT Requested (days): 24 hour turn		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243			
Phone: 941-929-8747	PO #: 59731 60313454 18.03		
Email: Darrin.Johnson@aecom.com	WO #:		Other:
Project Name: Process Testing	Project #:		
Site: Tallevast	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List	Total Number of containers	Special Instructions/Note:
			Preservation Code				A	A			
AOP-A 60-2	3-17-16	15:05	G	Water	N	N	2	2			
AOP-A 90	3-17-16	16:05	G	Water	N	N	2	2			
AOP-A 90-2	3-17-16	17:05	G	Water	N	N	2	2			
AOP-A 120	3-18-16	09:05	G	Water	N	N	2	2			
AOP-A 120-2	3-18-16	10:05	G	Water	N	N	2	2			
AOP-B 30	3-17-16	12:10	G	Water	N	N	2	2			
AOP-B 30-2	3-17-16	13:10	G	Water	N	N	2	2			
AOP-B 60	3-17-16	14:10	G	Water	N	N	2	2			
AOP-B 60-2	3-17-16	15:10	G	Water	N	N	2	2			
AOP-B 90	3-17-16	16:10	G	Water	N	N	2	2			
AOP-B 90-2	3-17-16	17:10	G	Water	N	N	2	2			

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				3-16-16 1400	AECOM
	3-18-16 1430	AECOM		3/18/16 1430	TA TPA
	3-18-16 1555	TA TPA		3/18/16 1555	TA TPA

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.8/3.2 cor 0.3

Page 40 of 43

3/22/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page ~~1 of 1~~ 3 of 3
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Sarasota	TAT Requested (days): 24 hour turn		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243			
Phone: 941-929-8747	PO #: 59731 60313454 18.03		
Email: Darrin.Johnson@aecom.com	WO #:		
Project Name: Process Testing	Project #:		
Site: Tallevast	SSOW#:		Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A			
AOP-B 120	3-8-16	09:10	G	Water	N	N	2	2			
AOP-B 120-2	3-18-16	10:10	G	Water	N	N	2	2			
AOP-C 30	3-17-16	12:15	G	Water	N	N	2	2			
AOP-C 30-2	3-17-16	13:15	G	Water	N	N	2	2			
AOP-C 60	3-17-16	14:15	G	Water	N	N	2	2			
AOP-C 60-2	3-17-16	15:15	G	Water	N	N	2	2			
AOP-C 90	3-17-16	16:15	G	Water	N	N	2	2			
AOP-C 90-2	3-17-16	17:15	G	Water	N	N	2	2			
AOP-C 120	3-18-16	09:15	G	Water	N	N	2	2			
AOP-C 120-2	3-18-16	10:15	G	Water	N	N	2	2			
			G	Water	N	N	2	2			

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				3-16-16 0900	AECOM
	3-17-16 1430	AECOM		3-17-16 1430	TA
	3-18-16 1555	TA		3/18/16 1555	TA

Custody Seals Intact: △ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.8/3.2 CW-09

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-72727-1

Login Number: 72727
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-72727-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-72824-1
Client Project/Site: Tallevast Process Testing

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
3/25/2016 2:00:06 PM

Haukur Gudnason, Project Manager II
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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-72824-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-72824-1

Comments
No additional comments.

Receipt
The samples were received on 3/24/2016 12:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.1° C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Testing

TestAmerica Job ID: 660-72824-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-72824-1	AOP FEED 1	Water	03/23/16 09:00	03/24/16 12:15
660-72824-2	AOP FEED 2	Water	03/23/16 10:00	03/24/16 12:15
660-72824-3	AOP FEED 3	Water	03/23/16 11:00	03/24/16 12:15
660-72824-4	AOP FEED 4	Water	03/23/16 12:00	03/24/16 12:15
660-72824-5	AOP FEED 5	Water	03/23/16 13:00	03/24/16 12:15
660-72824-6	AOP FEED 6	Water	03/23/16 14:00	03/24/16 12:15
660-72824-7	AOP FEED 7	Water	03/23/16 15:00	03/24/16 12:15
660-72824-8	AOP-A 1	Water	03/23/16 09:05	03/24/16 12:15
660-72824-9	AOP-A 2	Water	03/23/16 10:05	03/24/16 12:15
660-72824-10	AOP-A 3	Water	03/23/16 11:05	03/24/16 12:15
660-72824-11	AOP-A 4	Water	03/23/16 12:05	03/24/16 12:15
660-72824-12	AOP-A 5	Water	03/23/16 13:05	03/24/16 12:15
660-72824-13	AOP-B1	Water	03/23/16 09:10	03/24/16 12:15
660-72824-14	AOP-B2	Water	03/23/16 10:10	03/24/16 12:15
660-72824-15	AOP-B3	Water	03/23/16 11:10	03/24/16 12:15
660-72824-16	AOP-B6	Water	03/23/16 14:10	03/24/16 12:15
660-72824-17	AOP-B7	Water	03/23/16 15:10	03/24/16 12:15
660-72824-18	AOP-C1	Water	03/23/16 09:15	03/24/16 12:15
660-72824-19	AOP-C2	Water	03/23/16 10:15	03/24/16 12:15
660-72824-20	AOP-C3	Water	03/23/16 11:15	03/24/16 12:15
660-72824-21	AOP-C4	Water	03/23/16 12:15	03/24/16 12:15
660-72824-22	AOP-C5	Water	03/23/16 13:15	03/24/16 12:15

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Testing

TestAmerica Job ID: 660-72824-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Testing

TestAmerica Job ID: 660-72824-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Testing

TestAmerica Job ID: 660-72824-1

Client Sample ID: AOP FEED 1 — Lab Sample ID: 660-72824-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.4		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.1		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.8		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	50		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP FEED 2 — Lab Sample ID: 660-72824-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	5.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.8		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	45		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP FEED 3 — Lab Sample ID: 660-72824-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.0		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.8		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	45		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP FEED 4 — Lab Sample ID: 660-72824-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	11		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	12		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.7		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	47		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP FEED 5 — Lab Sample ID: 660-72824-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	7.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	11		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	15		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.8		1.0	0.71	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Testing

TestAmerica Job ID: 660-72824-1

Client Sample ID: AOP FEED 5 (Continued) — Lab Sample ID: 660-72824-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	48		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP FEED 6 — Lab Sample ID: 660-72824-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.8		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	15		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.9		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	52		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP FEED 7 — Lab Sample ID: 660-72824-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	16		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	14		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	49		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A 1 — Lab Sample ID: 660-72824-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.6		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-A 2 — Lab Sample ID: 660-72824-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-A 3 — Lab Sample ID: 660-72824-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.0	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A 4 — Lab Sample ID: 660-72824-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A 5 — Lab Sample ID: 660-72824-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.5		1.0	0.52	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Testing

TestAmerica Job ID: 660-72824-1

Client Sample ID: AOP-A 5 (Continued) — Lab Sample ID: 660-72824-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.0		1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B1 — Lab Sample ID: 660-72824-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B2 — Lab Sample ID: 660-72824-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.5	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B3 — Lab Sample ID: 660-72824-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.0		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.77	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B6 — Lab Sample ID: 660-72824-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.2		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.4		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	0.64	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B7 — Lab Sample ID: 660-72824-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.9		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.1		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	0.90	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C1 — Lab Sample ID: 660-72824-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C2 — Lab Sample ID: 660-72824-19

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.7		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.53	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Testing

TestAmerica Job ID: 660-72824-1

Client Sample ID: AOP-C3 — Lab Sample ID: 660-72824-20

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.6	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C4 — Lab Sample ID: 660-72824-21

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.6		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C5 — Lab Sample ID: 660-72824-22

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.6		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.0		1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP FEED 1

Lab Sample ID: 660-72824-1

Date Collected: 03/23/16 09:00

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	6.0		1.0	0.52	ug/L			03/24/16 13:35	1
1,1-Dichloroethene	9.4		1.0	0.67	ug/L			03/24/16 13:35	1
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L			03/24/16 13:35	1
Tetrachloroethene	4.1		1.0	0.50	ug/L			03/24/16 13:35	1
Trichloroethene	11		1.0	0.61	ug/L			03/24/16 13:35	1
Vinyl chloride	1.8		1.0	0.71	ug/L			03/24/16 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/24/16 13:35*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/24/16 13:35*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/24/16 13:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	50		2.0	1.0	ug/L			03/24/16 14:21	1

Client Sample ID: AOP FEED 2

Lab Sample ID: 660-72824-2

Date Collected: 03/23/16 10:00

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.8		1.0	0.52	ug/L			03/24/16 13:52	1
1,1-Dichloroethene	10		1.0	0.67	ug/L			03/24/16 13:52	1
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L			03/24/16 13:52	1
Tetrachloroethene	5.5		1.0	0.50	ug/L			03/24/16 13:52	1
Trichloroethene	11		1.0	0.61	ug/L			03/24/16 13:52	1
Vinyl chloride	1.8		1.0	0.71	ug/L			03/24/16 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/24/16 13:52*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/24/16 13:52*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/24/16 13:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	45		2.0	1.0	ug/L			03/24/16 14:45	1

Client Sample ID: AOP FEED 3

Lab Sample ID: 660-72824-3

Date Collected: 03/23/16 11:00

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	6.3		1.0	0.52	ug/L			03/24/16 15:02	1
1,1-Dichloroethene	10		1.0	0.67	ug/L			03/24/16 15:02	1
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L			03/24/16 15:02	1
Tetrachloroethene	8.0		1.0	0.50	ug/L			03/24/16 15:02	1
Trichloroethene	12		1.0	0.61	ug/L			03/24/16 15:02	1
Vinyl chloride	1.8		1.0	0.71	ug/L			03/24/16 15:02	1

Client Sample ID: AOP FEED 3

Lab Sample ID: 660-72824-3

Date Collected: 03/23/16 11:00

Matrix: Water

Date Received: 03/24/16 12:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		03/24/16 15:02	1
Dibromofluoromethane	104		70 - 130		03/24/16 15:02	1
Toluene-d8 (Surr)	102		70 - 130		03/24/16 15:02	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	45		2.0	1.0	ug/L			03/24/16 15:03	1

Client Sample ID: AOP FEED 4

Lab Sample ID: 660-72824-4

Date Collected: 03/23/16 12:00

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	6.5		1.0	0.52	ug/L			03/24/16 15:20	1
1,1-Dichloroethene	11		1.0	0.67	ug/L			03/24/16 15:20	1
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L			03/24/16 15:20	1
Tetrachloroethene	12		1.0	0.50	ug/L			03/24/16 15:20	1
Trichloroethene	13		1.0	0.61	ug/L			03/24/16 15:20	1
Vinyl chloride	1.7		1.0	0.71	ug/L			03/24/16 15:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		03/24/16 15:20	1
Dibromofluoromethane	112		70 - 130		03/24/16 15:20	1
Toluene-d8 (Surr)	108		70 - 130		03/24/16 15:20	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	47		2.0	1.0	ug/L			03/24/16 15:21	1

Client Sample ID: AOP FEED 5

Lab Sample ID: 660-72824-5

Date Collected: 03/23/16 13:00

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	7.1		1.0	0.52	ug/L			03/24/16 15:38	1
1,1-Dichloroethene	11		1.0	0.67	ug/L			03/24/16 15:38	1
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L			03/24/16 15:38	1
Tetrachloroethene	15		1.0	0.50	ug/L			03/24/16 15:38	1
Trichloroethene	13		1.0	0.61	ug/L			03/24/16 15:38	1
Vinyl chloride	1.8		1.0	0.71	ug/L			03/24/16 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		03/24/16 15:38	1
Dibromofluoromethane	108		70 - 130		03/24/16 15:38	1
Toluene-d8 (Surr)	105		70 - 130		03/24/16 15:38	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	48		2.0	1.0	ug/L			03/24/16 15:40	1

Client Sample ID: AOP FEED 6

Lab Sample ID: 660-72824-6
Date Collected: 03/23/16 14:00
Matrix: Water
Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	6.9		1.0	0.52	ug/L			03/24/16 15:55	1
1,1-Dichloroethene	9.8		1.0	0.67	ug/L			03/24/16 15:55	1
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L			03/24/16 15:55	1
Tetrachloroethene	15		1.0	0.50	ug/L			03/24/16 15:55	1
Trichloroethene	13		1.0	0.61	ug/L			03/24/16 15:55	1
Vinyl chloride	1.9		1.0	0.71	ug/L			03/24/16 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/24/16 15:55*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/24/16 15:55*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/24/16 15:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	52		2.0	1.0	ug/L			03/24/16 15:58	1

Client Sample ID: AOP FEED 7

Lab Sample ID: 660-72824-7
Date Collected: 03/23/16 15:00
Matrix: Water
Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	6.6		1.0	0.52	ug/L			03/24/16 16:13	1
1,1-Dichloroethene	10		1.0	0.67	ug/L			03/24/16 16:13	1
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L			03/24/16 16:13	1
Tetrachloroethene	16		1.0	0.50	ug/L			03/24/16 16:13	1
Trichloroethene	14		1.0	0.61	ug/L			03/24/16 16:13	1
Vinyl chloride	1.6		1.0	0.71	ug/L			03/24/16 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/24/16 16:13*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/24/16 16:13*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/24/16 16:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	49		2.0	1.0	ug/L			03/24/16 16:17	1

Client Sample ID: AOP-A 1

Lab Sample ID: 660-72824-8
Date Collected: 03/23/16 09:05
Matrix: Water
Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	3.6		1.0	0.52	ug/L			03/24/16 16:31	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 16:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 16:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/24/16 16:31	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 16:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 16:31	1

Client Sample ID: AOP-A 1

Lab Sample ID: 660-72824-8
Matrix: Water
Date Collected: 03/23/16 09:05
Date Received: 03/24/16 12:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/24/16 16:31*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/24/16 16:31*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/24/16 16:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/24/16 19:10	1

Client Sample ID: AOP-A 2

Lab Sample ID: 660-72824-9
Matrix: Water
Date Collected: 03/23/16 10:05
Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			03/24/16 16:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 16:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 16:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/24/16 16:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 16:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/24/16 16:48*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/24/16 16:48*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/24/16 16:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/24/16 19:28	1

Client Sample ID: AOP-A 3

Lab Sample ID: 660-72824-10
Matrix: Water
Date Collected: 03/23/16 11:05
Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.8**		1.0	0.52	ug/L			03/24/16 17:06	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 17:06	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 17:06	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/24/16 17:06	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 17:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/24/16 17:06*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/24/16 17:06*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/24/16 17:06*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.0**	**I**	2.0	1.0	ug/L			03/24/16 19:47	1

Client Sample ID: AOP-A 4

Lab Sample ID: 660-72824-11

Date Collected: 03/23/16 12:05

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.7**		1.0	0.52	ug/L			03/24/16 17:24	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 17:24	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 17:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/24/16 17:24	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 17:24	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/24/16 17:24*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/24/16 17:24*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/24/16 17:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**	**I**	2.0	1.0	ug/L			03/24/16 21:02	1

Client Sample ID: AOP-A 5

Lab Sample ID: 660-72824-12

Date Collected: 03/23/16 13:05

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.5**		1.0	0.52	ug/L			03/24/16 17:41	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 17:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 17:41	1
Tetrachloroethene	**1.0**		1.0	0.50	ug/L			03/24/16 17:41	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 17:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/24/16 17:41*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/24/16 17:41*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/24/16 17:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.3**		2.0	1.0	ug/L			03/24/16 21:22	1

Client Sample ID: AOP-B1

Lab Sample ID: 660-72824-13

Date Collected: 03/23/16 09:10

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.0**		1.0	0.52	ug/L			03/24/16 17:59	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 17:59	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 17:59	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/24/16 17:59	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 17:59	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 17:59	1

Client Sample ID: AOP-B1

Date Collected: 03/23/16 09:10
Date Received: 03/24/16 12:15

Lab Sample ID: 660-72824-13
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/24/16 17:59*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/24/16 17:59*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/24/16 17:59*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.2**		2.0	1.0	ug/L			03/24/16 21:41	1

Client Sample ID: AOP-B2

Date Collected: 03/23/16 10:10
Date Received: 03/24/16 12:15

Lab Sample ID: 660-72824-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			03/24/16 18:17	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 18:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 18:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/24/16 18:17	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 18:17	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/24/16 18:17*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/24/16 18:17*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/24/16 18:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**	**I**	2.0	1.0	ug/L			03/24/16 22:00	1

Client Sample ID: AOP-B3

Date Collected: 03/23/16 11:10
Date Received: 03/24/16 12:15

Lab Sample ID: 660-72824-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.0**		1.0	0.52	ug/L			03/24/16 18:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 18:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 18:34	1
Tetrachloroethene	**0.77**	**I**	1.0	0.50	ug/L			03/24/16 18:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 18:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/24/16 18:34*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/24/16 18:34*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/24/16 18:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.9**		2.0	1.0	ug/L			03/24/16 22:18	1

Client Sample ID: AOP-B6

Lab Sample ID: 660-72824-16

Date Collected: 03/23/16 14:10

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.2**		1.0	0.52	ug/L			03/24/16 18:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 18:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 18:52	1
Tetrachloroethene	**2.4**		1.0	0.50	ug/L			03/24/16 18:52	1
Trichloroethene	**0.64**	**I**	1.0	0.61	ug/L			03/24/16 18:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/24/16 18:52*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/24/16 18:52*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/24/16 18:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.0**		2.0	1.0	ug/L			03/24/16 22:37	1

Client Sample ID: AOP-B7

Lab Sample ID: 660-72824-17

Date Collected: 03/23/16 15:10

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.9**		1.0	0.52	ug/L			03/24/16 19:10	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 19:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 19:10	1
Tetrachloroethene	**3.1**		1.0	0.50	ug/L			03/24/16 19:10	1
Trichloroethene	**0.90**	**I**	1.0	0.61	ug/L			03/24/16 19:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/24/16 19:10*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/24/16 19:10*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*		*03/24/16 19:10*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.4**		2.0	1.0	ug/L			03/24/16 22:55	1

Client Sample ID: AOP-C1

Lab Sample ID: 660-72824-18

Date Collected: 03/23/16 09:15

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			03/24/16 19:28	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 19:28	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 19:28	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/24/16 19:28	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 19:28	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 19:28	1

Client Sample ID: AOP-C1

Date Collected: 03/23/16 09:15
Date Received: 03/24/16 12:15

Lab Sample ID: 660-72824-18
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/24/16 19:28*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*03/24/16 19:28*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*03/24/16 19:28*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.4**		2.0	1.0	ug/L			03/24/16 23:14	1

Client Sample ID: AOP-C2

Date Collected: 03/23/16 10:15
Date Received: 03/24/16 12:15

Lab Sample ID: 660-72824-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.7**		1.0	0.52	ug/L			03/24/16 19:46	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 19:46	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 19:46	1
Tetrachloroethene	**0.53**	**I**	1.0	0.50	ug/L			03/24/16 19:46	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 19:46	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*03/24/16 19:46*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/24/16 19:46*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/24/16 19:46*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.1**		2.0	1.0	ug/L			03/24/16 23:32	1

Client Sample ID: AOP-C3

Date Collected: 03/23/16 11:15
Date Received: 03/24/16 12:15

Lab Sample ID: 660-72824-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.2**		1.0	0.52	ug/L			03/24/16 20:04	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 20:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 20:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/24/16 20:04	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 20:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/24/16 20:04*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/24/16 20:04*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/24/16 20:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.6**	**I**	2.0	1.0	ug/L			03/24/16 23:50	1

Client Sample ID: AOP-C4

Lab Sample ID: 660-72824-21

Date Collected: 03/23/16 12:15

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.6**		1.0	0.52	ug/L			03/24/16 15:15	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 15:15	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 15:15	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/24/16 15:15	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 15:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/24/16 15:15*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/24/16 15:15*	*1*
Toluene-d8 (Surr)	*76*		*70 - 130*		*03/24/16 15:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/25/16 00:09	1

Client Sample ID: AOP-C5

Lab Sample ID: 660-72824-22

Date Collected: 03/23/16 13:15

Matrix: Water

Date Received: 03/24/16 12:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.6**		1.0	0.52	ug/L			03/24/16 15:33	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 15:33	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 15:33	1
Tetrachloroethene	**2.0**		1.0	0.50	ug/L			03/24/16 15:33	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 15:33	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/24/16 15:33*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/24/16 15:33*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/24/16 15:33*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.6**		2.0	1.0	ug/L			03/25/16 00:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-167815/8
Matrix: Water
Analysis Batch: 167815

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/24/16 13:01	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 13:01	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 13:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/24/16 13:01	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 13:01	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 13:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*03/24/16 13:01*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/24/16 13:01*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/24/16 13:01*	*1*

Lab Sample ID: LCS 660-167815/5
Matrix: Water
Analysis Batch: 167815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			10.0	10.9		ug/L		109	66 - 130		
1,1-Dichloroethene			10.0	8.97		ug/L		90	51 - 150		
cis-1,2-Dichloroethene			10.0	9.80		ug/L		98	66 - 130		
Tetrachloroethene			10.0	9.14		ug/L		91	50 - 143		
Trichloroethene			10.0	11.6		ug/L		116	63 - 139		
Vinyl chloride			10.0	8.70		ug/L		87	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 660-167815/6
Matrix: Water
Analysis Batch: 167815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane			10.0	10.5		ug/L		105	66 - 130	4	30
1,1-Dichloroethene			10.0	9.60		ug/L		96	51 - 150	7	30
cis-1,2-Dichloroethene			10.0	9.78		ug/L		98	66 - 130	0	30
Tetrachloroethene			10.0	9.72		ug/L		97	50 - 143	6	30
Trichloroethene			10.0	11.2		ug/L		112	63 - 139	4	30
Vinyl chloride			10.0	8.89		ug/L		89	48 - 147	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72824-2 MS
Matrix: Water
Analysis Batch: 167815

Client Sample ID: AOP FEED 2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	5.8		10.0	17.4		ug/L		116	66 - 130
1,1-Dichloroethene	10		10.0	19.2		ug/L		88	51 - 150
cis-1,2-Dichloroethene	17		10.0	26.8		ug/L		97	66 - 130
Tetrachloroethene	5.5		10.0	15.7		ug/L		102	50 - 143
Trichloroethene	11		10.0	23.5		ug/L		122	63 - 139
Vinyl chloride	1.8		10.0	8.62		ug/L		69	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 660-72824-1 DU
Matrix: Water
Analysis Batch: 167815

Client Sample ID: AOP FEED 1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	6.0		6.04		ug/L		1	30
1,1-Dichloroethene	9.4		9.35		ug/L		0.9	30
cis-1,2-Dichloroethene	17		17.0		ug/L		2	30
Tetrachloroethene	4.1		4.74		ug/L		14	30
Trichloroethene	11		10.8		ug/L		2	30
Vinyl chloride	1.8		1.93		ug/L		7	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 660-167818/7
Matrix: Water
Analysis Batch: 167818

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/24/16 12:28	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/24/16 12:28	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/24/16 12:28	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/24/16 12:28	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/24/16 12:28	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/24/16 12:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/24/16 12:28*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/24/16 12:28*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/24/16 12:28*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-167818/4
Matrix: Water
Analysis Batch: 167818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	10.0	10.6		ug/L		106	66 - 130
1,1-Dichloroethene	10.0	9.99		ug/L		100	51 - 150
cis-1,2-Dichloroethene	10.0	10.8		ug/L		108	66 - 130
Tetrachloroethene	10.0	11.9		ug/L		119	50 - 143
Trichloroethene	10.0	10.9		ug/L		109	63 - 139
Vinyl chloride	10.0	11.1		ug/L		111	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 660-167818/5
Matrix: Water
Analysis Batch: 167818

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	10.0	10.8		ug/L		108	66 - 130	1	30
1,1-Dichloroethene	10.0	9.57		ug/L		96	51 - 150	4	30
cis-1,2-Dichloroethene	10.0	10.9		ug/L		109	66 - 130	1	30
Tetrachloroethene	10.0	11.6		ug/L		116	50 - 143	2	30
Trichloroethene	10.0	10.9		ug/L		109	63 - 139	0	30
Vinyl chloride	10.0	11.2		ug/L		112	48 - 147	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-72778-I-4 MS
Matrix: Water
Analysis Batch: 167818

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	0.52	U	10.0	10.9		ug/L		109	66 - 130
1,1-Dichloroethene	0.67	U	10.0	10.7		ug/L		107	51 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	11.4		ug/L		114	66 - 130
Tetrachloroethene	0.50	U	10.0	11.3		ug/L		113	50 - 143
Trichloroethene	0.61	U	10.0	12.0		ug/L		120	63 - 139
Vinyl chloride	0.71	U	10.0	12.5		ug/L		125	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-72778-I-1 DU
Matrix: Water
Analysis Batch: 167818

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1-Dichloroethane	0.67	I		0.596	I	ug/L				12	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
cis-1,2-Dichloroethene	2.2			2.27		ug/L				2	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Vinyl chloride	0.86	I		0.766	I	ug/L				12	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-167813/7
Matrix: Water
Analysis Batch: 167813

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/24/16 12:09	1

Lab Sample ID: LCS 660-167813/4
Matrix: Water
Analysis Batch: 167813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	9.00		ug/L		90	50 - 150		

Lab Sample ID: LCSD 660-167813/5
Matrix: Water
Analysis Batch: 167813

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	7.86		ug/L		79	50 - 150	14	50

Lab Sample ID: 660-72760-B-3 MS
Matrix: Water
Analysis Batch: 167813

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	16	J3	10.0	31.6	J3	ug/L		158	50 - 150		

Lab Sample ID: 660-72760-B-3 MSD
Matrix: Water
Analysis Batch: 167813

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	16	J3	10.0	21.7		ug/L		58	50 - 150	37	50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-167846/7
Matrix: Water
Analysis Batch: 167846

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/24/16 18:51	1

Lab Sample ID: LCS 660-167846/4
Matrix: Water
Analysis Batch: 167846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.96		ug/L		80	50 - 150

Lab Sample ID: LCSD 660-167846/5
Matrix: Water
Analysis Batch: 167846

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	9.59		ug/L		96	50 - 150	19	50

Lab Sample ID: 660-72824-10 MS
Matrix: Water
Analysis Batch: 167846

Client Sample ID: AOP-A 3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	I	10.0	9.32		ug/L		83	50 - 150

Lab Sample ID: 660-72824-10 MSD
Matrix: Water
Analysis Batch: 167846

Client Sample ID: AOP-A 3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	I	10.0	8.54		ug/L		75	50 - 150	9	50

GC/MS VOA

Analysis Batch: 167813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72760-B-3 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-72760-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
660-72824-1	AOP FEED 1	Total/NA	Water	8260C SIM	
660-72824-2	AOP FEED 2	Total/NA	Water	8260C SIM	
660-72824-3	AOP FEED 3	Total/NA	Water	8260C SIM	
660-72824-4	AOP FEED 4	Total/NA	Water	8260C SIM	
660-72824-5	AOP FEED 5	Total/NA	Water	8260C SIM	
660-72824-6	AOP FEED 6	Total/NA	Water	8260C SIM	
660-72824-7	AOP FEED 7	Total/NA	Water	8260C SIM	
LCS 660-167813/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-167813/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-167813/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 167815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72824-1	AOP FEED 1	Total/NA	Water	8260B	
660-72824-1 DU	AOP FEED 1	Total/NA	Water	8260B	
660-72824-2	AOP FEED 2	Total/NA	Water	8260B	
660-72824-2 MS	AOP FEED 2	Total/NA	Water	8260B	
660-72824-3	AOP FEED 3	Total/NA	Water	8260B	
660-72824-4	AOP FEED 4	Total/NA	Water	8260B	
660-72824-5	AOP FEED 5	Total/NA	Water	8260B	
660-72824-6	AOP FEED 6	Total/NA	Water	8260B	
660-72824-7	AOP FEED 7	Total/NA	Water	8260B	
660-72824-8	AOP-A 1	Total/NA	Water	8260B	
660-72824-9	AOP-A 2	Total/NA	Water	8260B	
660-72824-10	AOP-A 3	Total/NA	Water	8260B	
660-72824-11	AOP-A 4	Total/NA	Water	8260B	
660-72824-12	AOP-A 5	Total/NA	Water	8260B	
660-72824-13	AOP-B1	Total/NA	Water	8260B	
660-72824-14	AOP-B2	Total/NA	Water	8260B	
660-72824-15	AOP-B3	Total/NA	Water	8260B	
660-72824-16	AOP-B6	Total/NA	Water	8260B	
660-72824-17	AOP-B7	Total/NA	Water	8260B	
660-72824-18	AOP-C1	Total/NA	Water	8260B	
660-72824-19	AOP-C2	Total/NA	Water	8260B	
660-72824-20	AOP-C3	Total/NA	Water	8260B	
LCS 660-167815/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-167815/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-167815/8	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 167818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72778-I-1 DU	Duplicate	Total/NA	Water	8260B	
660-72778-I-4 MS	Matrix Spike	Total/NA	Water	8260B	
660-72824-21	AOP-C4	Total/NA	Water	8260B	
660-72824-22	AOP-C5	Total/NA	Water	8260B	
LCS 660-167818/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-167818/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-167818/7	Method Blank	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 167846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-72824-8	AOP-A 1	Total/NA	Water	8260C SIM	
660-72824-9	AOP-A 2	Total/NA	Water	8260C SIM	
660-72824-10	AOP-A 3	Total/NA	Water	8260C SIM	
660-72824-10 MS	AOP-A 3	Total/NA	Water	8260C SIM	
660-72824-10 MSD	AOP-A 3	Total/NA	Water	8260C SIM	
660-72824-11	AOP-A 4	Total/NA	Water	8260C SIM	
660-72824-12	AOP-A 5	Total/NA	Water	8260C SIM	
660-72824-13	AOP-B1	Total/NA	Water	8260C SIM	
660-72824-14	AOP-B2	Total/NA	Water	8260C SIM	
660-72824-15	AOP-B3	Total/NA	Water	8260C SIM	
660-72824-16	AOP-B6	Total/NA	Water	8260C SIM	
660-72824-17	AOP-B7	Total/NA	Water	8260C SIM	
660-72824-18	AOP-C1	Total/NA	Water	8260C SIM	
660-72824-19	AOP-C2	Total/NA	Water	8260C SIM	
660-72824-20	AOP-C3	Total/NA	Water	8260C SIM	
660-72824-21	AOP-C4	Total/NA	Water	8260C SIM	
660-72824-22	AOP-C5	Total/NA	Water	8260C SIM	
LCS 660-167846/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-167846/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-167846/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: AOP FEED 1

Lab Sample ID: 660-72824-1
Matrix: Water
Date Collected: 03/23/16 09:00
Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 13:35	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167813	03/24/16 14:21	TGP	TAL TAM

Client Sample ID: AOP FEED 2

Lab Sample ID: 660-72824-2
Matrix: Water
Date Collected: 03/23/16 10:00
Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 13:52	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167813	03/24/16 14:45	TGP	TAL TAM

Client Sample ID: AOP FEED 3

Lab Sample ID: 660-72824-3
Matrix: Water
Date Collected: 03/23/16 11:00
Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 15:02	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167813	03/24/16 15:03	TGP	TAL TAM

Client Sample ID: AOP FEED 4

Lab Sample ID: 660-72824-4
Matrix: Water
Date Collected: 03/23/16 12:00
Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 15:20	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167813	03/24/16 15:21	TGP	TAL TAM

Client Sample ID: AOP FEED 5

Lab Sample ID: 660-72824-5
Matrix: Water
Date Collected: 03/23/16 13:00
Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 15:38	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167813	03/24/16 15:40	TGP	TAL TAM

Client Sample ID: AOP FEED 6

Lab Sample ID: 660-72824-6
Matrix: Water
Date Collected: 03/23/16 14:00
Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 15:55	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Testing

TestAmerica Job ID: 660-72824-1

Client Sample ID: AOP FEED 6

Lab Sample ID: 660-72824-6

Date Collected: 03/23/16 14:00
Matrix: Water
Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	167813	03/24/16 15:58	TGP	TAL TAM

Client Sample ID: AOP FEED 7

Lab Sample ID: 660-72824-7

Date Collected: 03/23/16 15:00
Matrix: Water
Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 16:13	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167813	03/24/16 16:17	TGP	TAL TAM

Client Sample ID: AOP-A 1

Lab Sample ID: 660-72824-8

Date Collected: 03/23/16 09:05
Matrix: Water
Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 16:31	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 19:10	ECC	TAL TAM

Client Sample ID: AOP-A 2

Lab Sample ID: 660-72824-9

Date Collected: 03/23/16 10:05
Matrix: Water
Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 16:48	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 19:28	ECC	TAL TAM

Client Sample ID: AOP-A 3

Lab Sample ID: 660-72824-10

Date Collected: 03/23/16 11:05
Matrix: Water
Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 17:06	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 19:47	ECC	TAL TAM

Client Sample ID: AOP-A 4

Lab Sample ID: 660-72824-11

Date Collected: 03/23/16 12:05
Matrix: Water
Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 17:24	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 21:02	ECC	TAL TAM

Client Sample ID: AOP-A 5

Lab Sample ID: 660-72824-12

Date Collected: 03/23/16 13:05

Matrix: Water

Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 17:41	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 21:22	ECC	TAL TAM

Client Sample ID: AOP-B1

Lab Sample ID: 660-72824-13

Date Collected: 03/23/16 09:10

Matrix: Water

Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 17:59	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 21:41	ECC	TAL TAM

Client Sample ID: AOP-B2

Lab Sample ID: 660-72824-14

Date Collected: 03/23/16 10:10

Matrix: Water

Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 18:17	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 22:00	ECC	TAL TAM

Client Sample ID: AOP-B3

Lab Sample ID: 660-72824-15

Date Collected: 03/23/16 11:10

Matrix: Water

Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 18:34	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 22:18	ECC	TAL TAM

Client Sample ID: AOP-B6

Lab Sample ID: 660-72824-16

Date Collected: 03/23/16 14:10

Matrix: Water

Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 18:52	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 22:37	ECC	TAL TAM

Client Sample ID: AOP-B7

Lab Sample ID: 660-72824-17

Date Collected: 03/23/16 15:10

Matrix: Water

Date Received: 03/24/16 12:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 19:10	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Testing

TestAmerica Job ID: 660-72824-1

Client Sample ID: AOP-B7
Date Collected: 03/23/16 15:10
Date Received: 03/24/16 12:15

Lab Sample ID: 660-72824-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 22:55	ECC	TAL TAM

Client Sample ID: AOP-C1
Date Collected: 03/23/16 09:15
Date Received: 03/24/16 12:15

Lab Sample ID: 660-72824-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 19:28	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 23:14	ECC	TAL TAM

Client Sample ID: AOP-C2
Date Collected: 03/23/16 10:15
Date Received: 03/24/16 12:15

Lab Sample ID: 660-72824-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 19:46	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 23:32	ECC	TAL TAM

Client Sample ID: AOP-C3
Date Collected: 03/23/16 11:15
Date Received: 03/24/16 12:15

Lab Sample ID: 660-72824-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167815	03/24/16 20:04	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/24/16 23:50	ECC	TAL TAM

Client Sample ID: AOP-C4
Date Collected: 03/23/16 12:15
Date Received: 03/24/16 12:15

Lab Sample ID: 660-72824-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167818	03/24/16 15:15	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/25/16 00:09	ECC	TAL TAM

Client Sample ID: AOP-C5
Date Collected: 03/23/16 13:15
Date Received: 03/24/16 12:15

Lab Sample ID: 660-72824-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	167818	03/24/16 15:33	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	167846	03/25/16 00:30	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Testing

TestAmerica Job ID: 660-72824-1

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Testing

TestAmerica Job ID: 660-72824-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Darrin Johnson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 2
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Sarasota	TAT Requested (days): 24 hour turn		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243			
Phone: 941-929-8747	PO #: 59731 60313454 18.03		
Email: Darrin.Johnson@aecom.com	WO #:		Other:
Project Name: Process Testing - Flow	Project #:		
Site: Tallevast	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List						Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A								
AOP Feed 1	3/23/16	9:00	G	Water	N	N	2	2								160 sgm inf
AOP Feed 2	3/23/16	10:00	G	Water	N	N	2	2								2103 @ 28
AOP Feed 3	3/23/16	11:00	G	Water	N	N	2	2								2104 @ 28
AOP Feed 4	3/23/16	12:00	G	Water	N	N	2	2								Aeration @ 7lpm
AOP Feed 5	3/23/16	13:00	G	Water	N	N	2	2								SF @ 5 sgm
AOP Feed 6	3/23/16	14:00	G	Water	N	N	2	2								pump trim = -5%
AOP Feed 7	3/23/16	15:00	G	Water	N	N	2	2								See test plan for
AOP-A 1	3/23/16	9:05	G	Water	N	N	2	2								other flow rates
AOP-A 2	3/23/16	10:05	G	Water	N	N	2	2								
AOP-A 3	3/23/16	11:05	G	Water	N	N	2	2								
AOP-A 4	3/23/16	12:05	G	Water	N	N	2	2								

Loc: 660
72824

660-72824 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 3-22-16 1900	Company AECOM
Relinquished by:	Date/Time: 3-24-16 @ 1030	Company AECOM	Received by:	Date/Time: 3-24-16 1030	Company TATPA
Relinquished by:	Date/Time: 3-24-16 @ 1215	Company	Received by:	Date/Time: 3-24-16 @ 1215	Company TATPA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.4/0.1

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Darrin Johnson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page ~~1 of 1~~ 2 of 2
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 24 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 59731 60313454 18.03			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Testing - Flow	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexano
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A			
AOP-A 5	3/23/16	13:05	G	Water	N	N	2	2			
AOP-B 1	3/23/16	9:10	G	Water	N	N	2	2			
AOP-B 2	3/23/16	10:10	G	Water	N	N	2	2			
AOP-B 3	3/23/16	11:10	G	Water	N	N	2	2			
AOP-B 6	3/23/16	14:10	G	Water	N	N	2	2			
AOP-B 7	3/23/16	15:10	G	Water	N	N	2	2			
AOP-C 1	3/23/16	9:15	G	Water	N	N	2	2			
AOP-C 2	3/23/16	10:15	G	Water	N	N	2	2			
AOP-C 3	3/23/16	11:15	G	Water	N	N	2	2			
AOP-C 4	3/23/16	12:15	G	Water	N	N	2	2			
AOP-C 5	3/23/16	13:15	G	Water	N	N	2	2			

Possible Hazard Identification
☐ X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 3-22-16 1400	Company AE Com
Relinquished by:	Date/Time: 3-24-16 @ 1030	Company AE Com	Received by:	Date/Time: 3-24-16 @ 1030	Company TA TRA
Relinquished by:	Date/Time: 3-24-16 @ 1215	Company TA TRA	Received by:	Date/Time: 3-24-16 1215	Company TA TRA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.4/0.1

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-72824-1

Login Number: 72824
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Testing

TestAmerica Job ID: 660-72824-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-73007-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
4/5/2016 11:12:56 AM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73007-1

Job ID: 660-73007-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-73007-1

Comments
No additional comments.

Receipt
The samples were received on 4/1/2016 4:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.5º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) for batch 168133 recovered outside control limits for the following analytes: ethylene dibromide. These analytes were biased high in the LCS but recovered within control limits in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73007-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-73007-1	AOP FEED 1	Water	04/01/16 00:00	04/01/16 16:40
660-73007-2	AOP-A EFF-1	Water	04/01/16 07:05	04/01/16 16:40
660-73007-3	AOP-B-EFF-1	Water	04/01/16 07:10	04/01/16 16:40
660-73007-4	AOP-C EFF-1	Water	04/01/16 07:15	04/01/16 16:40
660-73007-5	AOP FEED-2	Water	04/01/16 14:00	04/01/16 16:40
660-73007-6	AOP-A EFF-2	Water	04/01/16 14:05	04/01/16 16:40
660-73007-7	AOP-B EFF-2	Water	04/01/16 14:10	04/01/16 16:40
660-73007-8	AOP-C EFF-2	Water	04/01/16 14:15	04/01/16 16:40
660-73007-9	PGE	Water	04/01/16 14:20	04/01/16 16:40
660-73007-10	SGE	Water	04/01/16 14:25	04/01/16 16:40
660-73007-11	Combined Influent	Water	04/01/16 14:30	04/01/16 16:40

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73007-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73007-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73007-1

Client Sample ID: AOP FEED 1 — Lab Sample ID: 660-73007-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.7		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	10		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	46		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A EFF-1 — Lab Sample ID: 660-73007-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.7		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B-EFF-1 — Lab Sample ID: 660-73007-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C EFF-1 — Lab Sample ID: 660-73007-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.5		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP FEED-2 — Lab Sample ID: 660-73007-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	9.8		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16	J3	1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	54		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A EFF-2 — Lab Sample ID: 660-73007-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B EFF-2 — Lab Sample ID: 660-73007-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.1		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C EFF-2 — Lab Sample ID: 660-73007-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.0		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-73007-9

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73007-1

Client Sample ID: PGE (Continued) — Lab Sample ID: 660-73007-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-73007-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.8	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-73007-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	21		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	17		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.78	I	1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	16		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.2		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	56		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP FEED 1

Lab Sample ID: 660-73007-1
Date Collected: 04/01/16 00:00
Matrix: Water
Date Received: 04/01/16 16:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.4		1.0	0.52	ug/L			04/03/16 15:13	1
1,1-Dichloroethene	8.7		1.0	0.67	ug/L			04/03/16 15:13	1
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L			04/03/16 15:13	1
Tetrachloroethene	3.9		1.0	0.50	ug/L			04/03/16 15:13	1
Trichloroethene	10		1.0	0.61	ug/L			04/03/16 15:13	1
Vinyl chloride	1.3		1.0	0.71	ug/L			04/03/16 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*04/03/16 15:13*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*04/03/16 15:13*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/03/16 15:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	46		2.0	1.0	ug/L			04/04/16 12:30	1

Client Sample ID: AOP-A EFF-1

Lab Sample ID: 660-73007-2
Date Collected: 04/01/16 07:05
Matrix: Water
Date Received: 04/01/16 16:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	3.7		1.0	0.52	ug/L			04/03/16 11:41	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/03/16 11:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/03/16 11:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/03/16 11:41	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/03/16 11:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/03/16 11:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*04/03/16 11:41*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*04/03/16 11:41*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*04/03/16 11:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/04/16 13:45	1

Client Sample ID: AOP-B-EFF-1

Lab Sample ID: 660-73007-3
Date Collected: 04/01/16 07:10
Matrix: Water
Date Received: 04/01/16 16:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	3.9		1.0	0.52	ug/L			04/03/16 12:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/03/16 12:16	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/03/16 12:16	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/03/16 12:16	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/03/16 12:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/03/16 12:16	1

Client Sample ID: AOP-B-EFF-1

Lab Sample ID: 660-73007-3
Date Collected: 04/01/16 07:10
Matrix: Water
Date Received: 04/01/16 16:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*04/03/16 12:16*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*04/03/16 12:16*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*04/03/16 12:16*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/04/16 14:04	1

Client Sample ID: AOP-C EFF-1

Lab Sample ID: 660-73007-4
Date Collected: 04/01/16 07:15
Matrix: Water
Date Received: 04/01/16 16:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.5**		1.0	0.52	ug/L			04/03/16 12:33	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/03/16 12:33	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/03/16 12:33	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/03/16 12:33	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/03/16 12:33	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/03/16 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*04/03/16 12:33*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*04/03/16 12:33*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*04/03/16 12:33*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/04/16 14:22	1

Client Sample ID: AOP FEED-2

Lab Sample ID: 660-73007-5
Date Collected: 04/01/16 14:00
Matrix: Water
Date Received: 04/01/16 16:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	J3 U	1.0	0.52	ug/L			04/03/16 12:51	1
1,1-Dichloroethene	**9.8**		1.0	0.67	ug/L			04/03/16 12:51	1
cis-1,2-Dichloroethene	**16**	**J3**	1.0	0.65	ug/L			04/03/16 12:51	1
Tetrachloroethene	**8.3**		1.0	0.50	ug/L			04/03/16 12:51	1
Trichloroethene	**11**		1.0	0.61	ug/L			04/03/16 12:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/03/16 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*04/03/16 12:51*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*04/03/16 12:51*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*04/03/16 12:51*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**54**		2.0	1.0	ug/L			04/04/16 14:40	1

Client Sample ID: AOP-A EFF-2

Lab Sample ID: 660-73007-6

Date Collected: 04/01/16 14:05

Matrix: Water

Date Received: 04/01/16 16:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			04/03/16 13:44	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/03/16 13:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/03/16 13:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/03/16 13:44	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/03/16 13:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/03/16 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*04/03/16 13:44*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*04/03/16 13:44*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*04/03/16 13:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/04/16 14:59	1

Client Sample ID: AOP-B EFF-2

Lab Sample ID: 660-73007-7

Date Collected: 04/01/16 14:10

Matrix: Water

Date Received: 04/01/16 16:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.1**		1.0	0.52	ug/L			04/03/16 14:02	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/03/16 14:02	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/03/16 14:02	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/03/16 14:02	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/03/16 14:02	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/03/16 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*04/03/16 14:02*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*04/03/16 14:02*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*04/03/16 14:02*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/04/16 15:18	1

Client Sample ID: AOP-C EFF-2

Lab Sample ID: 660-73007-8

Date Collected: 04/01/16 14:15

Matrix: Water

Date Received: 04/01/16 16:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.0**		1.0	0.52	ug/L			04/03/16 14:19	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/03/16 14:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/03/16 14:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/03/16 14:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/03/16 14:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/03/16 14:19	1

Client Sample ID: AOP-C EFF-2

Lab Sample ID: 660-73007-8
Date Collected: 04/01/16 14:15
Matrix: Water
Date Received: 04/01/16 16:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*04/03/16 14:19*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*04/03/16 14:19*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*04/03/16 14:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/04/16 15:37	1

Client Sample ID: PGE

Lab Sample ID: 660-73007-9
Date Collected: 04/01/16 14:20
Matrix: Water
Date Received: 04/01/16 16:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.9**		1.0	0.52	ug/L			04/03/16 14:37	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/03/16 14:37	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/03/16 14:37	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/03/16 14:37	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/03/16 14:37	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/03/16 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*04/03/16 14:37*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*04/03/16 14:37*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*04/03/16 14:37*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/04/16 15:55	1

Client Sample ID: SGE

Lab Sample ID: 660-73007-10
Date Collected: 04/01/16 14:25
Matrix: Water
Date Received: 04/01/16 16:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			04/03/16 14:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/03/16 14:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/03/16 14:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/03/16 14:55	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/03/16 14:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/03/16 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*04/03/16 14:55*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*04/03/16 14:55*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*04/03/16 14:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.8**	**I**	2.0	1.0	ug/L			04/04/16 16:13	1

Client Sample ID: Combined Influent

Date Collected: 04/01/16 14:30
Date Received: 04/01/16 16:40

Lab Sample ID: 660-73007-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			04/03/16 15:31	1
Benzene	0.50	U	1.0	0.50	ug/L			04/03/16 15:31	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			04/03/16 15:31	1
Bromoform	0.63	U	1.0	0.63	ug/L			04/03/16 15:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			04/03/16 15:31	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			04/03/16 15:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			04/03/16 15:31	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			04/03/16 15:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			04/03/16 15:31	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			04/03/16 15:31	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			04/03/16 15:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			04/03/16 15:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			04/03/16 15:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			04/03/16 15:31	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			04/03/16 15:31	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			04/03/16 15:31	1
cis-1,2-Dichloroethene	**18**		1.0	0.65	ug/L			04/03/16 15:31	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			04/03/16 15:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			04/03/16 15:31	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			04/03/16 15:31	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			04/03/16 15:31	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			04/03/16 15:31	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			04/03/16 15:31	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			04/03/16 15:31	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			04/03/16 15:31	1
1,1-Dichloroethane	**6.6**		1.0	0.52	ug/L			04/03/16 15:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			04/03/16 15:31	1
1,1-Dichloroethene	**21**		1.0	0.67	ug/L			04/03/16 15:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			04/03/16 15:31	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			04/03/16 15:31	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			04/03/16 15:31	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			04/03/16 15:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			04/03/16 15:31	1
Ethylene Dibromide	0.50	J3 U	1.0	0.50	ug/L			04/03/16 15:31	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			04/03/16 15:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			04/03/16 15:31	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			04/03/16 15:31	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			04/03/16 15:31	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			04/03/16 15:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			04/03/16 15:31	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			04/03/16 15:31	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			04/03/16 15:31	1
Naphthalene	2.5	U	5.0	2.5	ug/L			04/03/16 15:31	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			04/03/16 15:31	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			04/03/16 15:31	1
o-Xylene	0.50	U	1.0	0.50	ug/L			04/03/16 15:31	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			04/03/16 15:31	1
Styrene	0.98	U	2.0	0.98	ug/L			04/03/16 15:31	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			04/03/16 15:31	1

Client Sample ID: Combined Influent
Date Collected: 04/01/16 14:30
Date Received: 04/01/16 16:40

Lab Sample ID: 660-73007-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			04/03/16 15:31	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			04/03/16 15:31	1
Tetrachloroethene	**17**		1.0	0.50	ug/L			04/03/16 15:31	1
Toluene	0.51	U	1.0	0.51	ug/L			04/03/16 15:31	1
trans-1,2-Dichloroethene	**0.78**	**I**	1.0	0.67	ug/L			04/03/16 15:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			04/03/16 15:31	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			04/03/16 15:31	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			04/03/16 15:31	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			04/03/16 15:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			04/03/16 15:31	1
Trichloroethene	**16**		1.0	0.61	ug/L			04/03/16 15:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			04/03/16 15:31	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			04/03/16 15:31	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			04/03/16 15:31	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			04/03/16 15:31	1
Vinyl chloride	**3.2**		1.0	0.71	ug/L			04/03/16 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*04/03/16 15:31*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*04/03/16 15:31*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/03/16 15:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**56**		2.0	1.0	ug/L			04/04/16 16:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-168133/7
Matrix: Water
Analysis Batch: 168133

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			04/03/16 11:21	1
Benzene	0.50	U	1.0	0.50	ug/L			04/03/16 11:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			04/03/16 11:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			04/03/16 11:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			04/03/16 11:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			04/03/16 11:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			04/03/16 11:21	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			04/03/16 11:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			04/03/16 11:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			04/03/16 11:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			04/03/16 11:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			04/03/16 11:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			04/03/16 11:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			04/03/16 11:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			04/03/16 11:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			04/03/16 11:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/03/16 11:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			04/03/16 11:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			04/03/16 11:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			04/03/16 11:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			04/03/16 11:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			04/03/16 11:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			04/03/16 11:21	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			04/03/16 11:21	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			04/03/16 11:21	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			04/03/16 11:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			04/03/16 11:21	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/03/16 11:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			04/03/16 11:21	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			04/03/16 11:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			04/03/16 11:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			04/03/16 11:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			04/03/16 11:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			04/03/16 11:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			04/03/16 11:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			04/03/16 11:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			04/03/16 11:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			04/03/16 11:21	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			04/03/16 11:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			04/03/16 11:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			04/03/16 11:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			04/03/16 11:21	1
Naphthalene	2.5	U	5.0	2.5	ug/L			04/03/16 11:21	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			04/03/16 11:21	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			04/03/16 11:21	1
o-Xylene	0.50	U	1.0	0.50	ug/L			04/03/16 11:21	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			04/03/16 11:21	1
Styrene	0.98	U	2.0	0.98	ug/L			04/03/16 11:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-168133/7
Matrix: Water
Analysis Batch: 168133

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			04/03/16 11:21	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			04/03/16 11:21	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			04/03/16 11:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/03/16 11:21	1
Toluene	0.51	U	1.0	0.51	ug/L			04/03/16 11:21	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/03/16 11:21	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			04/03/16 11:21	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			04/03/16 11:21	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			04/03/16 11:21	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			04/03/16 11:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			04/03/16 11:21	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/03/16 11:21	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			04/03/16 11:21	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			04/03/16 11:21	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			04/03/16 11:21	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			04/03/16 11:21	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/03/16 11:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*04/03/16 11:21*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*04/03/16 11:21*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*04/03/16 11:21*	*1*

Lab Sample ID: LCS 660-168133/4
Matrix: Water
Analysis Batch: 168133

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	114		ug/L		114	62 - 142
Benzene	10.0	11.2		ug/L		112	68 - 134
Bromobenzene	10.0	10.8		ug/L		108	70 - 130
Bromoform	10.0	11.6		ug/L		116	65 - 130
Bromomethane	10.0	7.33		ug/L		73	22 - 150
2-Butanone (MEK)	100	117		ug/L		117	63 - 140
Carbon disulfide	10.0	12.0		ug/L		120	30 - 150
Carbon tetrachloride	10.0	11.4		ug/L		114	61 - 134
Chlorobenzene	10.0	11.1		ug/L		111	70 - 130
Chlorobromomethane	10.0	12.5		ug/L		125	70 - 130
Chlorodibromomethane	10.0	11.6		ug/L		116	70 - 130
Chloroethane	10.0	7.70		ug/L		77	39 - 150
Chloroform	10.0	11.8		ug/L		118	68 - 130
Chloromethane	10.0	11.1		ug/L		111	35 - 150
2-Chlorotoluene	10.0	11.0		ug/L		110	70 - 130
4-Chlorotoluene	10.0	10.7		ug/L		107	70 - 130
cis-1,2-Dichloroethene	10.0	12.1		ug/L		121	66 - 130
cis-1,3-Dichloropropene	10.0	11.2		ug/L		112	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	11.7		ug/L		117	63 - 130
Dibromomethane	10.0	12.0		ug/L		120	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-168133/4
Matrix: Water
Analysis Batch: 168133

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	11.4		ug/L		114	70 - 130
1,3-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
1,4-Dichlorobenzene	10.0	10.7		ug/L		107	70 - 130
Dichlorobromomethane	10.0	11.4		ug/L		114	70 - 130
Dichlorodifluoromethane	10.0	8.76		ug/L		88	16 - 149
1,1-Dichloroethane	10.0	11.7		ug/L		117	66 - 130
1,2-Dichloroethane	10.0	11.3		ug/L		113	70 - 130
1,1-Dichloroethene	10.0	11.5		ug/L		115	51 - 150
1,2-Dichloropropane	10.0	12.5		ug/L		125	70 - 130
1,3-Dichloropropane	10.0	11.7		ug/L		117	70 - 130
2,2-Dichloropropane	10.0	11.3		ug/L		113	66 - 134
1,1-Dichloropropene	10.0	12.4		ug/L		124	65 - 136
Ethylbenzene	10.0	10.7		ug/L		107	70 - 130
Ethylene Dibromide	10.0	13.8	J3	ug/L		138	66 - 130
Hexachlorobutadiene	10.0	10.5		ug/L		105	62 - 143
2-Hexanone	100	126		ug/L		126	60 - 148
Isopropylbenzene	10.0	11.4		ug/L		114	62 - 130
4-Isopropyltoluene	10.0	11.2		ug/L		112	65 - 134
Methylene Chloride	10.0	10.8		ug/L		108	57 - 130
4-Methyl-2-pentanone (MIBK)	100	124		ug/L		124	64 - 137
Methyl tert-butyl ether	10.0	11.9		ug/L		119	67 - 130
Naphthalene	10.0	11.2		ug/L		112	50 - 136
n-Butylbenzene	10.0	10.9		ug/L		109	61 - 131
N-Propylbenzene	10.0	10.9		ug/L		109	67 - 130
o-Xylene	10.0	10.6		ug/L		106	69 - 130
sec-Butylbenzene	10.0	10.9		ug/L		109	68 - 133
Styrene	10.0	11.2		ug/L		112	68 - 131
tert-Butylbenzene	10.0	11.3		ug/L		113	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.1		ug/L		101	70 - 130
1,1,2,2-Tetrachloroethane	10.0	12.7		ug/L		127	70 - 130
Tetrachloroethene	10.0	11.2		ug/L		112	50 - 143
Toluene	10.0	11.6		ug/L		116	70 - 131
trans-1,2-Dichloroethene	10.0	11.7		ug/L		117	62 - 139
trans-1,3-Dichloropropene	10.0	11.7		ug/L		117	67 - 130
1,2,3-Trichlorobenzene	10.0	10.9		ug/L		109	58 - 132
1,2,4-Trichlorobenzene	10.0	11.0		ug/L		110	66 - 130
1,1,1-Trichloroethane	10.0	11.8		ug/L		118	63 - 132
1,1,2-Trichloroethane	10.0	11.4		ug/L		114	70 - 130
Trichloroethene	10.0	11.4		ug/L		114	63 - 139
Trichlorofluoromethane	10.0	11.6		ug/L		116	62 - 146
1,2,3-Trichloropropane	10.0	12.8		ug/L		128	66 - 130
1,2,4-Trimethylbenzene	10.0	11.1		ug/L		111	70 - 132
1,3,5-Trimethylbenzene	10.0	10.9		ug/L		109	65 - 134
Vinyl chloride	10.0	12.1		ug/L		121	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-168133/4
Matrix: Water
Analysis Batch: 168133

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 660-168133/5
Matrix: Water
Analysis Batch: 168133

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	117		ug/L		117	62 - 142	2	30
Benzene			10.0	11.0		ug/L		110	68 - 134	2	30
Bromobenzene			10.0	11.2		ug/L		112	70 - 130	4	30
Bromoform			10.0	10.9		ug/L		109	65 - 130	7	30
Bromomethane			10.0	7.74		ug/L		77	22 - 150	5	30
2-Butanone (MEK)			100	118		ug/L		118	63 - 140	0	30
Carbon disulfide			10.0	12.0		ug/L		120	30 - 150	0	30
Carbon tetrachloride			10.0	11.2		ug/L		112	61 - 134	2	30
Chlorobenzene			10.0	11.4		ug/L		114	70 - 130	3	30
Chlorobromomethane			10.0	11.6		ug/L		116	70 - 130	8	30
Chlorodibromomethane			10.0	11.5		ug/L		115	70 - 130	2	30
Chloroethane			10.0	10.3		ug/L		103	39 - 150	29	30
Chloroform			10.0	11.4		ug/L		114	68 - 130	3	30
Chloromethane			10.0	10.9		ug/L		109	35 - 150	2	30
2-Chlorotoluene			10.0	10.8		ug/L		108	70 - 130	2	30
4-Chlorotoluene			10.0	10.1		ug/L		101	70 - 130	6	30
cis-1,2-Dichloroethene			10.0	11.3		ug/L		113	66 - 130	7	30
cis-1,3-Dichloropropene			10.0	11.9		ug/L		119	70 - 130	6	30
1,2-Dibromo-3-Chloropropane			10.0	8.88		ug/L		89	63 - 130	28	30
Dibromomethane			10.0	12.6		ug/L		126	70 - 130	4	30
1,2-Dichlorobenzene			10.0	10.7		ug/L		107	70 - 130	6	30
1,3-Dichlorobenzene			10.0	11.2		ug/L		112	70 - 130	2	30
1,4-Dichlorobenzene			10.0	11.1		ug/L		111	70 - 130	3	30
Dichlorobromomethane			10.0	10.8		ug/L		108	70 - 130	5	30
Dichlorodifluoromethane			10.0	10.1		ug/L		101	16 - 149	14	30
1,1-Dichloroethane			10.0	11.5		ug/L		115	66 - 130	2	30
1,2-Dichloroethane			10.0	11.1		ug/L		111	70 - 130	2	30
1,1-Dichloroethene			10.0	11.0		ug/L		110	51 - 150	5	30
1,2-Dichloropropane			10.0	11.9		ug/L		119	70 - 130	5	30
1,3-Dichloropropane			10.0	11.7		ug/L		117	70 - 130	0	30
2,2-Dichloropropane			10.0	11.8		ug/L		118	66 - 134	4	30
1,1-Dichloropropene			10.0	11.4		ug/L		114	65 - 136	8	30
Ethylbenzene			10.0	10.9		ug/L		109	70 - 130	2	30
Ethylene Dibromide			10.0	11.9		ug/L		119	66 - 130	15	30
Hexachlorobutadiene			10.0	10.3		ug/L		103	62 - 143	3	30
2-Hexanone			100	119		ug/L		119	60 - 148	6	30
Isopropylbenzene			10.0	10.8		ug/L		108	62 - 130	5	30
4-Isopropyltoluene			10.0	10.4		ug/L		104	65 - 134	8	30
Methylene Chloride			10.0	12.1		ug/L		121	57 - 130	11	30
4-Methyl-2-pentanone (MIBK)			100	124		ug/L		124	64 - 137	0	30
Methyl tert-butyl ether			10.0	11.2		ug/L		112	67 - 130	6	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-168133/5
Matrix: Water
Analysis Batch: 168133

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	10.1		ug/L		101	50 - 136	11	30
n-Butylbenzene			10.0	10.3		ug/L		103	61 - 131	6	30
N-Propylbenzene			10.0	10.4		ug/L		104	67 - 130	4	30
o-Xylene			10.0	10.9		ug/L		109	69 - 130	3	30
sec-Butylbenzene			10.0	11.1		ug/L		111	68 - 133	2	30
Styrene			10.0	10.9		ug/L		109	68 - 131	3	30
tert-Butylbenzene			10.0	11.0		ug/L		110	64 - 130	2	30
1,1,1,2-Tetrachloroethane			10.0	11.4		ug/L		114	70 - 130	12	30
1,1,2,2-Tetrachloroethane			10.0	11.8		ug/L		118	70 - 130	8	30
Tetrachloroethene			10.0	11.2		ug/L		112	50 - 143	0	30
Toluene			10.0	11.4		ug/L		114	70 - 131	2	30
trans-1,2-Dichloroethene			10.0	12.2		ug/L		122	62 - 139	4	30
trans-1,3-Dichloropropene			10.0	11.0		ug/L		110	67 - 130	7	30
1,2,3-Trichlorobenzene			10.0	11.3		ug/L		113	58 - 132	3	30
1,2,4-Trichlorobenzene			10.0	11.0		ug/L		110	66 - 130	0	30
1,1,1-Trichloroethane			10.0	11.5		ug/L		115	63 - 132	2	30
1,1,2-Trichloroethane			10.0	12.5		ug/L		125	70 - 130	9	30
Trichloroethene			10.0	11.5		ug/L		115	63 - 139	1	30
Trichlorofluoromethane			10.0	11.5		ug/L		115	62 - 146	1	30
1,2,3-Trichloropropane			10.0	11.5		ug/L		115	66 - 130	11	30
1,2,4-Trimethylbenzene			10.0	10.6		ug/L		106	70 - 132	5	30
1,3,5-Trimethylbenzene			10.0	10.3		ug/L		103	65 - 134	6	30
Vinyl chloride			10.0	10.5		ug/L		105	48 - 147	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-73007-5 MS
Matrix: Water
Analysis Batch: 168133

Client Sample ID: AOP FEED-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	120		ug/L		120	62 - 142
Benzene	0.50	U	10.0	12.3		ug/L		123	68 - 134
Bromobenzene	0.58	U	10.0	12.5		ug/L		125	70 - 130
Bromoform	0.63	U	10.0	12.2		ug/L		122	65 - 130
Bromomethane	2.5	U	10.0	6.31		ug/L		63	22 - 150
2-Butanone (MEK)	8.4	U	100	132		ug/L		132	63 - 140
Carbon disulfide	1.0	U	10.0	12.9		ug/L		129	30 - 150
Carbon tetrachloride	0.43	U	10.0	13.0		ug/L		130	61 - 134
Chlorobenzene	0.63	U	10.0	12.4		ug/L		124	70 - 130
Chlorobromomethane	0.58	U	10.0	12.8		ug/L		128	70 - 130
Chlorodibromomethane	0.31	U	10.0	12.5		ug/L		125	70 - 130
Chloroethane	2.5	U	10.0	12.7		ug/L		127	39 - 150
Chloroform	0.90	U	10.0	12.6		ug/L		126	68 - 130
Chloromethane	1.0	U	10.0	11.7		ug/L		117	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73007-5 MS
Matrix: Water
Analysis Batch: 168133

Client Sample ID: AOP FEED-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	12.0		ug/L		120	70 - 130
4-Chlorotoluene	0.52	U	10.0	12.2		ug/L		122	70 - 130
cis-1,2-Dichloroethene	16	J3	10.0	29.5	J3	ug/L		132	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	12.9		ug/L		129	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.3		ug/L		103	63 - 130
Dibromomethane	0.46	U	10.0	13.0		ug/L		130	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.7		ug/L		117	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.7		ug/L		117	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.6		ug/L		116	70 - 130
Dichlorobromomethane	0.44	U	10.0	12.3		ug/L		123	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	8.21		ug/L		82	16 - 149
1,1-Dichloroethane	0.52	U J3	10.0	18.3	J3	ug/L		183	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.8		ug/L		118	70 - 130
1,1-Dichloroethene	9.8		10.0	23.2		ug/L		135	51 - 150
1,2-Dichloropropane	0.52	U J3	10.0	13.3	J3	ug/L		133	70 - 130
1,3-Dichloropropane	0.42	U J3	10.0	13.2	J3	ug/L		132	70 - 130
2,2-Dichloropropane	0.36	U	10.0	12.6		ug/L		126	66 - 134
1,1-Dichloropropene	0.65	U	10.0	13.4		ug/L		134	65 - 136
Ethylbenzene	0.44	U	10.0	11.5		ug/L		115	70 - 130
Ethylene Dibromide	0.50	U J3	10.0	13.5	J3	ug/L		135	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.3		ug/L		113	62 - 143
2-Hexanone	4.4	U	100	135		ug/L		135	60 - 148
Isopropylbenzene	0.52	U	10.0	12.5		ug/L		125	62 - 130
4-Isopropyltoluene	0.69	U	10.0	12.2		ug/L		122	65 - 134
Methylene Chloride	4.0	U	10.0	12.0		ug/L		120	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U J3	100	138	J3	ug/L		138	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	12.7		ug/L		127	67 - 130
Naphthalene	2.5	U	10.0	11.1		ug/L		111	50 - 136
n-Butylbenzene	0.67	U	10.0	11.7		ug/L		117	61 - 131
N-Propylbenzene	0.59	U	10.0	12.2		ug/L		122	67 - 130
o-Xylene	0.50	U	10.0	11.0		ug/L		110	69 - 130
sec-Butylbenzene	0.63	U	10.0	12.2		ug/L		122	68 - 133
Styrene	0.98	U	10.0	12.3		ug/L		123	68 - 131
tert-Butylbenzene	0.84	U	10.0	12.1		ug/L		121	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.9		ug/L		119	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U J3	10.0	13.5	J3	ug/L		135	70 - 130
Tetrachloroethene	8.3		10.0	19.9		ug/L		116	50 - 143
Toluene	0.51	U	10.0	12.9		ug/L		129	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	13.0		ug/L		130	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	12.3		ug/L		123	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	11.4		ug/L		114	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	12.8		ug/L		128	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.8		ug/L		128	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	12.7		ug/L		127	70 - 130
Trichloroethene	11		10.0	23.9		ug/L		131	63 - 139
Trichlorofluoromethane	2.5	U	10.0	13.0		ug/L		130	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	12.8		ug/L		128	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	11.8		ug/L		118	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73007-5 MS
Matrix: Water
Analysis Batch: 168133

Client Sample ID: AOP FEED-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	11.5		ug/L		115	65 - 134
Vinyl chloride	0.71	U	10.0	11.4		ug/L		114	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-73007-2 DU
Matrix: Water
Analysis Batch: 168133

Client Sample ID: AOP-A EFF-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	20		21.0		ug/L		5	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	3.7		3.28		ug/L		12	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U J3	0.50	J3 U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73007-2 DU
Matrix: Water
Analysis Batch: 168133

Client Sample ID: AOP-A EFF-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-168157/7
Matrix: Water
Analysis Batch: 168157

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/04/16 12:11	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-168157/4
Matrix: Water
Analysis Batch: 168157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	7.99		ug/L		80	50 - 150		

Lab Sample ID: LCSD 660-168157/5
Matrix: Water
Analysis Batch: 168157

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.63		ug/L		86	50 - 150	8	50

Lab Sample ID: 660-73007-1 MS
Matrix: Water
Analysis Batch: 168157

Client Sample ID: AOP FEED 1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	46		10.0	58.0		ug/L		125	50 - 150		

Lab Sample ID: 660-73007-1 MSD
Matrix: Water
Analysis Batch: 168157

Client Sample ID: AOP FEED 1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	46		10.0	55.8		ug/L		102	50 - 150	4	50

GC/MS VOA

Analysis Batch: 168133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73007-1	AOP FEED 1	Total/NA	Water	8260B	
660-73007-2	AOP-A EFF-1	Total/NA	Water	8260B	
660-73007-2 DU	AOP-A EFF-1	Total/NA	Water	8260B	
660-73007-3	AOP-B-EFF-1	Total/NA	Water	8260B	
660-73007-4	AOP-C EFF-1	Total/NA	Water	8260B	
660-73007-5	AOP FEED-2	Total/NA	Water	8260B	
660-73007-5 MS	AOP FEED-2	Total/NA	Water	8260B	
660-73007-6	AOP-A EFF-2	Total/NA	Water	8260B	
660-73007-7	AOP-B EFF-2	Total/NA	Water	8260B	
660-73007-8	AOP-C EFF-2	Total/NA	Water	8260B	
660-73007-9	PGE	Total/NA	Water	8260B	
660-73007-10	SGE	Total/NA	Water	8260B	
660-73007-11	Combined Influent	Total/NA	Water	8260B	
LCS 660-168133/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-168133/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-168133/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 168157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73007-1	AOP FEED 1	Total/NA	Water	8260C SIM	
660-73007-1 MS	AOP FEED 1	Total/NA	Water	8260C SIM	
660-73007-1 MSD	AOP FEED 1	Total/NA	Water	8260C SIM	
660-73007-2	AOP-A EFF-1	Total/NA	Water	8260C SIM	
660-73007-3	AOP-B-EFF-1	Total/NA	Water	8260C SIM	
660-73007-4	AOP-C EFF-1	Total/NA	Water	8260C SIM	
660-73007-5	AOP FEED-2	Total/NA	Water	8260C SIM	
660-73007-6	AOP-A EFF-2	Total/NA	Water	8260C SIM	
660-73007-7	AOP-B EFF-2	Total/NA	Water	8260C SIM	
660-73007-8	AOP-C EFF-2	Total/NA	Water	8260C SIM	
660-73007-9	PGE	Total/NA	Water	8260C SIM	
660-73007-10	SGE	Total/NA	Water	8260C SIM	
660-73007-11	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-168157/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-168157/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-168157/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: AOP FEED 1
Lab Sample ID: 660-73007-1
Date Collected: 04/01/16 00:00
Matrix: Water
Date Received: 04/01/16 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168133	04/03/16 15:13	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	168157	04/04/16 12:30	TGP	TAL TAM

Client Sample ID: AOP-A EFF-1
Lab Sample ID: 660-73007-2
Date Collected: 04/01/16 07:05
Matrix: Water
Date Received: 04/01/16 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168133	04/03/16 11:41	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	168157	04/04/16 13:45	TGP	TAL TAM

Client Sample ID: AOP-B-EFF-1
Lab Sample ID: 660-73007-3
Date Collected: 04/01/16 07:10
Matrix: Water
Date Received: 04/01/16 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168133	04/03/16 12:16	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	168157	04/04/16 14:04	TGP	TAL TAM

Client Sample ID: AOP-C EFF-1
Lab Sample ID: 660-73007-4
Date Collected: 04/01/16 07:15
Matrix: Water
Date Received: 04/01/16 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168133	04/03/16 12:33	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	168157	04/04/16 14:22	TGP	TAL TAM

Client Sample ID: AOP FEED-2
Lab Sample ID: 660-73007-5
Date Collected: 04/01/16 14:00
Matrix: Water
Date Received: 04/01/16 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168133	04/03/16 12:51	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	168157	04/04/16 14:40	TGP	TAL TAM

Client Sample ID: AOP-A EFF-2
Lab Sample ID: 660-73007-6
Date Collected: 04/01/16 14:05
Matrix: Water
Date Received: 04/01/16 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168133	04/03/16 13:44	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73007-1

Client Sample ID: AOP-A EFF-2

Lab Sample ID: 660-73007-6

Date Collected: 04/01/16 14:05

Matrix: Water

Date Received: 04/01/16 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	168157	04/04/16 14:59	TGP	TAL TAM

Client Sample ID: AOP-B EFF-2

Lab Sample ID: 660-73007-7

Date Collected: 04/01/16 14:10

Matrix: Water

Date Received: 04/01/16 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168133	04/03/16 14:02	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	168157	04/04/16 15:18	TGP	TAL TAM

Client Sample ID: AOP-C EFF-2

Lab Sample ID: 660-73007-8

Date Collected: 04/01/16 14:15

Matrix: Water

Date Received: 04/01/16 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168133	04/03/16 14:19	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	168157	04/04/16 15:37	TGP	TAL TAM

Client Sample ID: PGE

Lab Sample ID: 660-73007-9

Date Collected: 04/01/16 14:20

Matrix: Water

Date Received: 04/01/16 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168133	04/03/16 14:37	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	168157	04/04/16 15:55	TGP	TAL TAM

Client Sample ID: SGE

Lab Sample ID: 660-73007-10

Date Collected: 04/01/16 14:25

Matrix: Water

Date Received: 04/01/16 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168133	04/03/16 14:55	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	168157	04/04/16 16:13	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-73007-11

Date Collected: 04/01/16 14:30

Matrix: Water

Date Received: 04/01/16 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168133	04/03/16 15:31	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	168157	04/04/16 16:32	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73007-1

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73007-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Darrin Johnson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested
City: Sarasota	TAT Requested (days): 24 hour turn	
State, Zip: FL, 34243		
Phone: 941-929-8747	60480333 09.01	
Email: Darrin.Johnson@aecom.com	WO #:	
Project Name: Process Sampling	Project #:	
Site: Tallevast	SSOW#:	

Loc: 660
73007

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List							Total Number of containers	Special Instructions/Note:
			Preservation Code:				X	A									
AOP Feed 1	4/1/16	0:00	G	Water	N	N	2	2									AOP-A @ 62
AOP-A Eff - 1	4/1/16	7:05	G	Water	N	N	2	2									AOP-B @ 55
AOP-B Eff - 1	4/1/16	7:10	G	Water	N	N	2	2									AOP-C @ 45
AOP-C Eff - 1	4/1/16	7:15	G	Water	N	N	2	2									30 mg/L H2O2
AOP Feed- 2	4/1/16	14:00	G	Water	N	N	2	2									Test 1 - after ph reduction
AOP-A Eff - 2	4/1/16	14:05	G	Water	N	N	2	2									Test 2 - before ph reduction
AOP-B Eff - 2	4/1/16	14:10	G	Water	N	N	2	2									
AOP-C Eff - 2	4/1/16	14:15	G	Water	N	N	2	2									
PGE	4/1/16	14:20	G	Water	N	N	2	2									
SGE	4/1/16	14:25	G	Water	N	N	2	2									
Combined Influent	4/1/16	14:30	G	Water	N	N		2	2								

660-73007 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 3-31-16 1400	Company AECOM
Relinquished by:	Date/Time: 4-1-16	Company AECOM	Received by:	Date/Time: 4/1/16 1640	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 4/1/16 1680	Company TAT PA

Custody Seals Intact: △ Yes △ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

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4/5/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-73007-1

Login Number: 73007
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73007-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-73121-1
Client Project/Site: Tallevast WEEKLY

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
4/12/2016 1:13:20 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-73121-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-73121-1

Comments
No additional comments.

Receipt
The samples were received on 4/7/2016 2:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast WEEKLY

TestAmerica Job ID: 660-73121-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-73121-1	AOP FEED 1	Water	04/06/16 10:00	04/07/16 14:30
660-73121-2	AOP-A-70	Water	04/06/16 10:05	04/07/16 14:30
660-73121-3	AOP-B-70	Water	04/06/16 10:10	04/07/16 14:30
660-73121-4	AOP-C-70	Water	04/06/16 10:15	04/07/16 14:30
660-73121-5	AOP-A-80	Water	04/06/16 11:05	04/07/16 14:30
660-73121-6	AOP-B-80	Water	04/06/16 11:10	04/07/16 14:30
660-73121-7	AOP-C-80	Water	04/06/16 11:15	04/07/16 14:30
660-73121-8	AOP-C-60	Water	04/06/16 12:15	04/07/16 14:30
660-73121-9	AOP-FEED 2	Water	04/06/16 12:00	04/07/16 14:30
660-73121-10	PGE	Water	04/06/16 12:05	04/07/16 14:30
660-73121-11	AOP-C 60 PH 2.3	Water	04/06/16 09:00	04/07/16 14:30
660-73121-12	AOP-C-80 8LPM	Water	04/06/16 10:00	04/07/16 14:30

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast WEEKLY

TestAmerica Job ID: 660-73121-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast WEEKLY

TestAmerica Job ID: 660-73121-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast WEEKLY

TestAmerica Job ID: 660-73121-1

Client Sample ID: AOP FEED 1 — Lab Sample ID: 660-73121-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	11		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	18		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.2		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	50		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A-70 — Lab Sample ID: 660-73121-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.1		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B-70 — Lab Sample ID: 660-73121-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.1	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C-70 — Lab Sample ID: 660-73121-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A-80 — Lab Sample ID: 660-73121-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B-80 — Lab Sample ID: 660-73121-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.6	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C-80 — Lab Sample ID: 660-73121-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.8	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C-60 — Lab Sample ID: 660-73121-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.2		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-FEED 2 — Lab Sample ID: 660-73121-9

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast WEEKLY

TestAmerica Job ID: 660-73121-1

Client Sample ID: AOP-FEED 2 (Continued) — Lab Sample ID: 660-73121-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	11		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	18		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	11		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.0		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	54		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-73121-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.2		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C 60 PH 2.3 — Lab Sample ID: 660-73121-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.1		1.0	0.52	ug/L	1		8260B	Total/NA
Trichloroethene	0.62	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C-80 8LPM — Lab Sample ID: 660-73121-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP FEED 1

Lab Sample ID: 660-73121-1

Date Collected: 04/06/16 10:00

Matrix: Water

Date Received: 04/07/16 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**6.0**		1.0	0.52	ug/L			04/08/16 14:31	1
1,1-Dichloroethene	**11**		1.0	0.67	ug/L			04/08/16 14:31	1
cis-1,2-Dichloroethene	**18**		1.0	0.65	ug/L			04/08/16 14:31	1
Tetrachloroethene	**4.5**		1.0	0.50	ug/L			04/08/16 14:31	1
Trichloroethene	**11**		1.0	0.61	ug/L			04/08/16 14:31	1
Vinyl chloride	**1.2**		1.0	0.71	ug/L			04/08/16 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*04/08/16 14:31*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*04/08/16 14:31*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*04/08/16 14:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**50**		2.0	1.0	ug/L			04/09/16 19:22	1

Client Sample ID: AOP-A-70

Lab Sample ID: 660-73121-2

Date Collected: 04/06/16 10:05

Matrix: Water

Date Received: 04/07/16 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.1**		1.0	0.52	ug/L			04/08/16 11:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/08/16 11:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/08/16 11:52	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/08/16 11:52	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/08/16 11:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/08/16 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*04/08/16 11:52*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*04/08/16 11:52*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*04/08/16 11:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/09/16 16:35	1

Client Sample ID: AOP-B-70

Lab Sample ID: 660-73121-3

Date Collected: 04/06/16 10:10

Matrix: Water

Date Received: 04/07/16 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			04/08/16 12:10	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/08/16 12:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/08/16 12:10	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/08/16 12:10	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/08/16 12:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/08/16 12:10	1

Client Sample ID: AOP-B-70

Lab Sample ID: 660-73121-3
Date Collected: 04/06/16 10:10
Matrix: Water
Date Received: 04/07/16 14:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*04/08/16 12:10*	*1*
Dibromofluoromethane	*114*		*70 - 130*		*04/08/16 12:10*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*04/08/16 12:10*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.1**	**I**	2.0	1.0	ug/L			04/09/16 16:54	1

Client Sample ID: AOP-C-70

Lab Sample ID: 660-73121-4
Date Collected: 04/06/16 10:15
Matrix: Water
Date Received: 04/07/16 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			04/08/16 12:27	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/08/16 12:27	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/08/16 12:27	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/08/16 12:27	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/08/16 12:27	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/08/16 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*04/08/16 12:27*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*04/08/16 12:27*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*04/08/16 12:27*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.3**		2.0	1.0	ug/L			04/09/16 17:12	1

Client Sample ID: AOP-A-80

Lab Sample ID: 660-73121-5
Date Collected: 04/06/16 11:05
Matrix: Water
Date Received: 04/07/16 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			04/08/16 12:45	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/08/16 12:45	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/08/16 12:45	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/08/16 12:45	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/08/16 12:45	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/08/16 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*04/08/16 12:45*	*1*
Dibromofluoromethane	*116*		*70 - 130*		*04/08/16 12:45*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*04/08/16 12:45*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/09/16 17:31	1

Client Sample ID: AOP-B-80

Lab Sample ID: 660-73121-6
Date Collected: 04/06/16 11:10
Matrix: Water
Date Received: 04/07/16 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.5**		1.0	0.52	ug/L			04/08/16 13:03	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/08/16 13:03	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/08/16 13:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/08/16 13:03	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/08/16 13:03	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/08/16 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*04/08/16 13:03*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*04/08/16 13:03*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*04/08/16 13:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.6**	**I**	2.0	1.0	ug/L			04/09/16 17:49	1

Client Sample ID: AOP-C-80

Lab Sample ID: 660-73121-7
Date Collected: 04/06/16 11:15
Matrix: Water
Date Received: 04/07/16 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.7**		1.0	0.52	ug/L			04/08/16 13:21	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/08/16 13:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/08/16 13:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/08/16 13:21	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/08/16 13:21	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/08/16 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*04/08/16 13:21*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*04/08/16 13:21*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*04/08/16 13:21*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.8**	**I**	2.0	1.0	ug/L			04/09/16 18:08	1

Client Sample ID: AOP-C-60

Lab Sample ID: 660-73121-8
Date Collected: 04/06/16 12:15
Matrix: Water
Date Received: 04/07/16 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.2**		1.0	0.52	ug/L			04/08/16 13:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/08/16 13:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/08/16 13:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/08/16 13:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/08/16 13:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/08/16 13:38	1

Client Sample ID: AOP-C-60

Lab Sample ID: 660-73121-8
Matrix: Water
Date Collected: 04/06/16 12:15
Date Received: 04/07/16 14:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*99*		*70 - 130*		*04/08/16 13:38*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*04/08/16 13:38*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*04/08/16 13:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/09/16 18:27	1

Client Sample ID: AOP-FEED 2

Lab Sample ID: 660-73121-9
Matrix: Water
Date Collected: 04/06/16 12:00
Date Received: 04/07/16 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**6.3**		1.0	0.52	ug/L			04/08/16 14:49	1
1,1-Dichloroethene	**11**		1.0	0.67	ug/L			04/08/16 14:49	1
cis-1,2-Dichloroethene	**18**		1.0	0.65	ug/L			04/08/16 14:49	1
Tetrachloroethene	**11**		1.0	0.50	ug/L			04/08/16 14:49	1
Trichloroethene	**12**		1.0	0.61	ug/L			04/08/16 14:49	1
Vinyl chloride	**1.0**		1.0	0.71	ug/L			04/08/16 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*100*		*70 - 130*		*04/08/16 14:49*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*04/08/16 14:49*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*04/08/16 14:49*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**54**		2.0	1.0	ug/L			04/09/16 19:41	1

Client Sample ID: PGE

Lab Sample ID: 660-73121-10
Matrix: Water
Date Collected: 04/06/16 12:05
Date Received: 04/07/16 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.2**		1.0	0.52	ug/L			04/08/16 10:25	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/08/16 10:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/08/16 10:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/08/16 10:25	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/08/16 10:25	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/08/16 10:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*102*		*70 - 130*		*04/08/16 10:25*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*04/08/16 10:25*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*04/08/16 10:25*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/09/16 15:04	1

Client Sample ID: AOP-C 60 PH 2.3

Lab Sample ID: 660-73121-11

Date Collected: 04/06/16 09:00

Matrix: Water

Date Received: 04/07/16 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.1**		1.0	0.52	ug/L			04/08/16 13:56	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/08/16 13:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/08/16 13:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/08/16 13:56	1
Trichloroethene	**0.62**	**I**	1.0	0.61	ug/L			04/08/16 13:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/08/16 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*04/08/16 13:56*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*04/08/16 13:56*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*04/08/16 13:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.0**		2.0	1.0	ug/L			04/09/16 18:45	1

Client Sample ID: AOP-C-80 8LPM

Lab Sample ID: 660-73121-12

Date Collected: 04/06/16 10:00

Matrix: Water

Date Received: 04/07/16 14:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.6**		1.0	0.52	ug/L			04/08/16 14:14	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/08/16 14:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/08/16 14:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/08/16 14:14	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/08/16 14:14	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/08/16 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*04/08/16 14:14*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*04/08/16 14:14*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*04/08/16 14:14*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.6**		2.0	1.0	ug/L			04/09/16 19:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-168333/7
Matrix: Water
Analysis Batch: 168333

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			04/08/16 09:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/08/16 09:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/08/16 09:52	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/08/16 09:52	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/08/16 09:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/08/16 09:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*04/08/16 09:52*	*1*
Dibromofluoromethane	*115*		*70 - 130*		*04/08/16 09:52*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*04/08/16 09:52*	*1*

Lab Sample ID: LCS 660-168333/4
Matrix: Water
Analysis Batch: 168333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			10.0	11.1		ug/L		111	66 - 130		
1,1-Dichloroethene			10.0	10.8		ug/L		108	51 - 150		
cis-1,2-Dichloroethene			10.0	10.5		ug/L		105	66 - 130		
Tetrachloroethene			10.0	9.71		ug/L		97	50 - 143		
Trichloroethene			10.0	9.98		ug/L		100	63 - 139		
Vinyl chloride			10.0	11.1		ug/L		111	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*113*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 660-168333/5
Matrix: Water
Analysis Batch: 168333

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane			10.0	10.7		ug/L		107	66 - 130	3	30
1,1-Dichloroethene			10.0	11.5		ug/L		115	51 - 150	6	30
cis-1,2-Dichloroethene			10.0	11.0		ug/L		110	66 - 130	5	30
Tetrachloroethene			10.0	9.47		ug/L		95	50 - 143	3	30
Trichloroethene			10.0	9.72		ug/L		97	63 - 139	3	30
Vinyl chloride			10.0	10.8		ug/L		108	48 - 147	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*109*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73121-10 MS
Matrix: Water
Analysis Batch: 168333

Client Sample ID: PGE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.2		10.0	14.6		ug/L		103	66 - 130
1,1-Dichloroethene	0.67	U	10.0	11.4		ug/L		114	51 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	10.2		ug/L		102	66 - 130
Tetrachloroethene	0.50	U	10.0	10.4		ug/L		104	50 - 143
Trichloroethene	0.61	U	10.0	10.5		ug/L		105	63 - 139
Vinyl chloride	0.71	U	10.0	10.5		ug/L		105	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 660-73121-10 DU
Matrix: Water
Analysis Batch: 168333

Client Sample ID: PGE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	4.2		4.33		ug/L		3	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-168373/7
Matrix: Water
Analysis Batch: 168373

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/09/16 14:35	1

Lab Sample ID: LCS 660-168373/4
Matrix: Water
Analysis Batch: 168373

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.53		ug/L		85	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-168373/5
Matrix: Water
Analysis Batch: 168373

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	10.8		ug/L		108	50 - 150	24	50

Lab Sample ID: 660-73121-10 MS
Matrix: Water
Analysis Batch: 168373

Client Sample ID: PGE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	9.56		ug/L		96	50 - 150		

Lab Sample ID: 660-73121-10 MSD
Matrix: Water
Analysis Batch: 168373

Client Sample ID: PGE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	11.2		ug/L		112	50 - 150	15	50

GC/MS VOA

Analysis Batch: 168333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73121-1	AOP FEED 1	Total/NA	Water	8260B	
660-73121-2	AOP-A-70	Total/NA	Water	8260B	
660-73121-3	AOP-B-70	Total/NA	Water	8260B	
660-73121-4	AOP-C-70	Total/NA	Water	8260B	
660-73121-5	AOP-A-80	Total/NA	Water	8260B	
660-73121-6	AOP-B-80	Total/NA	Water	8260B	
660-73121-7	AOP-C-80	Total/NA	Water	8260B	
660-73121-8	AOP-C-60	Total/NA	Water	8260B	
660-73121-9	AOP-FEED 2	Total/NA	Water	8260B	
660-73121-10	PGE	Total/NA	Water	8260B	
660-73121-10 DU	PGE	Total/NA	Water	8260B	
660-73121-10 MS	PGE	Total/NA	Water	8260B	
660-73121-11	AOP-C 60 PH 2.3	Total/NA	Water	8260B	
660-73121-12	AOP-C-80 8LPM	Total/NA	Water	8260B	
LCS 660-168333/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-168333/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-168333/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 168373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73121-1	AOP FEED 1	Total/NA	Water	8260C SIM	
660-73121-2	AOP-A-70	Total/NA	Water	8260C SIM	
660-73121-3	AOP-B-70	Total/NA	Water	8260C SIM	
660-73121-4	AOP-C-70	Total/NA	Water	8260C SIM	
660-73121-5	AOP-A-80	Total/NA	Water	8260C SIM	
660-73121-6	AOP-B-80	Total/NA	Water	8260C SIM	
660-73121-7	AOP-C-80	Total/NA	Water	8260C SIM	
660-73121-8	AOP-C-60	Total/NA	Water	8260C SIM	
660-73121-9	AOP-FEED 2	Total/NA	Water	8260C SIM	
660-73121-10	PGE	Total/NA	Water	8260C SIM	
660-73121-10 MS	PGE	Total/NA	Water	8260C SIM	
660-73121-10 MSD	PGE	Total/NA	Water	8260C SIM	
660-73121-11	AOP-C 60 PH 2.3	Total/NA	Water	8260C SIM	
660-73121-12	AOP-C-80 8LPM	Total/NA	Water	8260C SIM	
LCS 660-168373/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-168373/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-168373/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: AOP FEED 1

Lab Sample ID: 660-73121-1
Matrix: Water
Date Collected: 04/06/16 10:00
Date Received: 04/07/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168333	04/08/16 14:31	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	168373	04/09/16 19:22	ECC	TAL TAM

Client Sample ID: AOP-A-70

Lab Sample ID: 660-73121-2
Matrix: Water
Date Collected: 04/06/16 10:05
Date Received: 04/07/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168333	04/08/16 11:52	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	168373	04/09/16 16:35	ECC	TAL TAM

Client Sample ID: AOP-B-70

Lab Sample ID: 660-73121-3
Matrix: Water
Date Collected: 04/06/16 10:10
Date Received: 04/07/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168333	04/08/16 12:10	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	168373	04/09/16 16:54	ECC	TAL TAM

Client Sample ID: AOP-C-70

Lab Sample ID: 660-73121-4
Matrix: Water
Date Collected: 04/06/16 10:15
Date Received: 04/07/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168333	04/08/16 12:27	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	168373	04/09/16 17:12	ECC	TAL TAM

Client Sample ID: AOP-A-80

Lab Sample ID: 660-73121-5
Matrix: Water
Date Collected: 04/06/16 11:05
Date Received: 04/07/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168333	04/08/16 12:45	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	168373	04/09/16 17:31	ECC	TAL TAM

Client Sample ID: AOP-B-80

Lab Sample ID: 660-73121-6
Matrix: Water
Date Collected: 04/06/16 11:10
Date Received: 04/07/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168333	04/08/16 13:03	ECC	TAL TAM

Client Sample ID: AOP-B-80

Lab Sample ID: 660-73121-6
Date Collected: 04/06/16 11:10
Matrix: Water
Date Received: 04/07/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	168373	04/09/16 17:49	ECC	TAL TAM

Client Sample ID: AOP-C-80

Lab Sample ID: 660-73121-7
Date Collected: 04/06/16 11:15
Matrix: Water
Date Received: 04/07/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168333	04/08/16 13:21	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	168373	04/09/16 18:08	ECC	TAL TAM

Client Sample ID: AOP-C-60

Lab Sample ID: 660-73121-8
Date Collected: 04/06/16 12:15
Matrix: Water
Date Received: 04/07/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168333	04/08/16 13:38	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	168373	04/09/16 18:27	ECC	TAL TAM

Client Sample ID: AOP-FEED 2

Lab Sample ID: 660-73121-9
Date Collected: 04/06/16 12:00
Matrix: Water
Date Received: 04/07/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168333	04/08/16 14:49	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	168373	04/09/16 19:41	ECC	TAL TAM

Client Sample ID: PGE

Lab Sample ID: 660-73121-10
Date Collected: 04/06/16 12:05
Matrix: Water
Date Received: 04/07/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168333	04/08/16 10:25	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	168373	04/09/16 15:04	ECC	TAL TAM

Client Sample ID: AOP-C 60 PH 2.3

Lab Sample ID: 660-73121-11
Date Collected: 04/06/16 09:00
Matrix: Water
Date Received: 04/07/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168333	04/08/16 13:56	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	168373	04/09/16 18:45	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast WEEKLY

TestAmerica Job ID: 660-73121-1

Client Sample ID: AOP-C-80 8LPM

Date Collected: 04/06/16 10:00
Date Received: 04/07/16 14:30

Lab Sample ID: 660-73121-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168333	04/08/16 14:14	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	168373	04/09/16 19:04	ECC	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast WEEKLY

TestAmerica Job ID: 660-73121-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Sarasota	TAT Requested (days): 24hr for "PGE" sample "1week" verbals OK		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - ether (specify)
State, Zip: FL, 34243			
Phone: 941-929-8747	PO #: 59731 60313454 18.03		
Email: Darrin.Johnson@aecom.com	WO #:		
Project Name: Process Testing - Flow Refert	Project #:		Other:
Site: Tallevast	SSOW#:		

Loc: 660
73121

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List						Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A								
AOP Feed 1	4/6/16	10:00	G	Water	N	N	2	2								30 mg/L H2O2 inf @ 160
AOP-A - 70	4/6/16	10:05	G	Water	N	N	2	2								2103 @ 120 gpm feed conc should
AOP-B - 70	4/6/16	10:10	G	Water	N	N	2	2								rise throughout day
AOP-C - 70	4/6/16	10:15	G	Water	N	N	2	2								AOP feed 1 collected
AOP-A - 80	4/6/16	11:05	G	Water	N	N	2	2								@ 10:00 am
AOP-B- 80	4/6/16	11:10	G	Water	N	N	2	2								AOP feed 2 collected
AOP-C- 80	4/6/16	11:15	G	Water	N	N	2	2								@ 13:00
AOP-C- 60	4/6/16	12:15	G	Water	N	N	2	2								PGE collected 1
AOP-Feed 2	4/6/16	12:00	G	Water	N	N	2	2								day after GAC backwash
PGE 24 hr turn - verbal OK	4/6/16	12:05	G	Water	N	N	2	2								

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 4-5-16 1400	Company AECOM
Relinquished by:	Date/Time: 4-7-16 1220	Company AECOM	Received by:	Date/Time: 4-7-16 1220	Company TATPA
Relinquished by:	Date/Time: 4-7-16 @ 1430	Company TATPA	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.1/28

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4/12/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 24 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 59731 60313454 18.03			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Testing Misc	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A			
AOP-C 60 pH 2.3	4/7/16	9:00	G	Water	N	N	2	2			30 mg/L H2O2
AOP-C 80 8LPM	4/7/16	10:00	G	Water	N	N	2	2			160 spm inf aeration @ 31 gpm recycle @ 55 gpm

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by		Company	Received by:	Date/Time: 4-6-16 14:00	Company AECOM
Relinquished by:	Date/Time: 4-7-16 1220	Company AECOM	Received by:	Date/Time: 4-7-16 @ 1220	Company TA TRA
Relinquished by:	Date/Time: 4-7-16 @ 1430	Company TA TRA	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

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4/12/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-73121-1

Login Number: 73121
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast WEEKLY

TestAmerica Job ID: 660-73121-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-73298-1
Client Project/Site: Tallevast AOP Improvements Testing (UV)

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
4/20/2016 11:38:19 AM
Jess Hornsby, Project Manager I
(813)885-7427
jess.hornsby@testamericainc.com

Designee for

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Testing (UV)

TestAmerica Job ID: 660-73298-1

Job ID: 660-73298-1

Laboratory: TestAmerica Tampa

Narrative

Receipt
The samples were received on 4/15/2016 4:30 PM; the samples arrived in good condition, properly preserved and, on ice. The temperature of the cooler at receipt was 2.6ºC.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Testing (UV)

TestAmerica Job ID: 660-73298-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-73298-1	AOP Feed 75	Water	04/15/16 11:00	04/15/16 16:30
660-73298-2	AOP-A 75	Water	04/15/16 11:05	04/15/16 16:30
660-73298-3	AOP-B 75	Water	04/15/16 11:10	04/15/16 16:30
660-73298-4	AOP-C 75	Water	04/15/16 11:15	04/15/16 16:30
660-73298-5	AOP Feed 50	Water	04/15/16 13:00	04/15/16 16:30
660-73298-6	AOP-A 50	Water	04/15/16 13:05	04/15/16 16:30
660-73298-7	AOP-B 50	Water	04/15/16 13:10	04/15/16 16:30
660-73298-8	AOP-C 50	Water	04/15/16 13:15	04/15/16 16:30

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Testing (UV)

TestAmerica Job ID: 660-73298-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc. TestAmerica Job ID: 660-73298-1
Project/Site: Tallevast AOP Improvements Testing (UV)

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Testing (UV)

TestAmerica Job ID: 660-73298-1

Client Sample ID: AOP Feed 75 — Lab Sample ID: 660-73298-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.2		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.1		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	52		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A 75 — Lab Sample ID: 660-73298-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.8		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B 75 — Lab Sample ID: 660-73298-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C 75 — Lab Sample ID: 660-73298-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP Feed 50 — Lab Sample ID: 660-73298-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	11		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.6		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.4		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	54		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A 50 — Lab Sample ID: 660-73298-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B 50 — Lab Sample ID: 660-73298-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.4		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.5		1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C 50 — Lab Sample ID: 660-73298-8

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Testing (UV)

TestAmerica Job ID: 660-73298-1

Client Sample ID: AOP-C 50 (Continued)

Lab Sample ID: 660-73298-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.4		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.3		1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Testing (UV)

TestAmerica Job ID: 660-73298-1

Client Sample ID: AOP Feed 75

Date Collected: 04/15/16 11:00
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73298-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.7		1.0	0.52	ug/L			04/19/16 14:59	1
1,1-Dichloroethene	10		1.0	0.67	ug/L			04/19/16 14:59	1
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L			04/19/16 14:59	1
Tetrachloroethene	6.2		1.0	0.50	ug/L			04/19/16 14:59	1
Trichloroethene	11		1.0	0.61	ug/L			04/19/16 14:59	1
Vinyl chloride	1.1		1.0	0.71	ug/L			04/19/16 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*04/19/16 14:59*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*04/19/16 14:59*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*04/19/16 14:59*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	52		2.0	1.0	ug/L			04/19/16 16:27	1

Client Sample ID: AOP-A 75 **Lab Sample ID: 660-73298-2**
Date Collected: 04/15/16 11:05 **Matrix: Water**
Date Received: 04/15/16 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.8**		1.0	0.52	ug/L			04/19/16 13:13	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 13:13	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 13:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/19/16 13:13	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 13:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*04/19/16 13:13*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*04/19/16 13:13*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*04/19/16 13:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/19/16 14:36	1

Client Sample ID: AOP-B 75 **Lab Sample ID: 660-73298-3**
Date Collected: 04/15/16 11:10 **Matrix: Water**
Date Received: 04/15/16 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.0**		1.0	0.52	ug/L			04/19/16 13:30	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 13:30	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 13:30	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/19/16 13:30	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 13:30	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*04/19/16 13:30*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*04/19/16 13:30*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*04/19/16 13:30*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.1**		2.0	1.0	ug/L			04/19/16 14:55	1

Client Sample ID: AOP-C 75 **Lab Sample ID: 660-73298-4**
Date Collected: 04/15/16 11:15 **Matrix: Water**
Date Received: 04/15/16 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.6**		1.0	0.52	ug/L			04/19/16 13:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 13:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 13:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/19/16 13:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 13:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*04/19/16 13:48*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*04/19/16 13:48*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*04/19/16 13:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.3**		2.0	1.0	ug/L			04/19/16 15:13	1

Client Sample ID: AOP Feed 50 — Lab Sample ID: 660-73298-5

Date Collected: 04/15/16 13:00 — **Matrix: Water**
Date Received: 04/15/16 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	6.5		1.0	0.52	ug/L			04/19/16 15:16	1
1,1-Dichloroethene	11		1.0	0.67	ug/L			04/19/16 15:16	1
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L			04/19/16 15:16	1
Tetrachloroethene	7.6		1.0	0.50	ug/L			04/19/16 15:16	1
Trichloroethene	11		1.0	0.61	ug/L			04/19/16 15:16	1
Vinyl chloride	1.4		1.0	0.71	ug/L			04/19/16 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*04/19/16 15:16*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*04/19/16 15:16*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*04/19/16 15:16*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	54		2.0	1.0	ug/L			04/19/16 16:45	1

Client Sample ID: AOP-A 50

Lab Sample ID: 660-73298-6
Date Collected: 04/15/16 13:05
Matrix: Water
Date Received: 04/15/16 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.3**		1.0	0.52	ug/L			04/19/16 14:06	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 14:06	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 14:06	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/19/16 14:06	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 14:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*04/19/16 14:06*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*04/19/16 14:06*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*04/19/16 14:06*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.8**		2.0	1.0	ug/L			04/19/16 15:32	1

Client Sample ID: AOP-B 50 **Lab Sample ID: 660-73298-7**
Date Collected: 04/15/16 13:10 **Matrix: Water**
Date Received: 04/15/16 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.4**		1.0	0.52	ug/L			04/19/16 14:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 14:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 14:23	1
Tetrachloroethene	**1.5**		1.0	0.50	ug/L			04/19/16 14:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 14:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*04/19/16 14:23*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*04/19/16 14:23*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*04/19/16 14:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.7**		2.0	1.0	ug/L			04/19/16 15:50	1

Client Sample ID: AOP-C 50 **Lab Sample ID: 660-73298-8**
Date Collected: 04/15/16 13:15 **Matrix: Water**
Date Received: 04/15/16 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.4**		1.0	0.52	ug/L			04/19/16 14:41	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 14:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 14:41	1
Tetrachloroethene	**1.3**		1.0	0.50	ug/L			04/19/16 14:41	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 14:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*04/19/16 14:41*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*04/19/16 14:41*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*04/19/16 14:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.7**		2.0	1.0	ug/L			04/19/16 16:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-168691/10
Matrix: Water
Analysis Batch: 168691

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			04/19/16 10:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 10:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 10:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/19/16 10:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 10:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*04/19/16 10:23*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*04/19/16 10:23*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*04/19/16 10:23*	*1*

Lab Sample ID: LCS 660-168691/7
Matrix: Water
Analysis Batch: 168691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			10.0	10.5		ug/L		105	66 - 130		
1,1-Dichloroethene			10.0	11.8		ug/L		118	51 - 150		
cis-1,2-Dichloroethene			10.0	11.7		ug/L		117	66 - 130		
Tetrachloroethene			10.0	11.2		ug/L		112	50 - 143		
Trichloroethene			10.0	10.1		ug/L		101	63 - 139		
Vinyl chloride			10.0	9.69		ug/L		97	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 660-168691/8
Matrix: Water
Analysis Batch: 168691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane			10.0	10.5		ug/L		105	66 - 130	0	30
1,1-Dichloroethene			10.0	11.7		ug/L		117	51 - 150	1	30
cis-1,2-Dichloroethene			10.0	10.8		ug/L		108	66 - 130	7	30
Tetrachloroethene			10.0	10.5		ug/L		105	50 - 143	7	30
Trichloroethene			10.0	10.8		ug/L		108	63 - 139	7	30
Vinyl chloride			10.0	9.87		ug/L		99	48 - 147	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73299-B-3 MS
Matrix: Water
Analysis Batch: 168691

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	3.9		10.0	14.1		ug/L		102	66 - 130
1,1-Dichloroethene	0.67	U	10.0	10.2		ug/L		102	51 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	9.19		ug/L		92	66 - 130
Tetrachloroethene	0.50	U	10.0	9.55		ug/L		95	50 - 143
Trichloroethene	0.61	U	10.0	9.46		ug/L		95	63 - 139
Vinyl chloride	0.71	U	10.0	8.87		ug/L		89	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-73299-D-2 DU
Matrix: Water
Analysis Batch: 168691

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	3.5		4.06		ug/L		14	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*108*		*70 - 130*
Toluene-d8 (Surr)	*113*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-168704/7
Matrix: Water
Analysis Batch: 168704

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/19/16 11:33	1

Lab Sample ID: LCS 660-168704/4
Matrix: Water
Analysis Batch: 168704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	9.10		ug/L		91	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-168704/5
Matrix: Water
Analysis Batch: 168704

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	7.84		ug/L		78	50 - 150	15	50

Lab Sample ID: 660-73299-A-2 MS
Matrix: Water
Analysis Batch: 168704

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	7.36		ug/L		74	50 - 150		

Lab Sample ID: 660-73299-A-2 MSD
Matrix: Water
Analysis Batch: 168704

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	7.95		ug/L		80	50 - 150	8	50

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Testing (UV)

TestAmerica Job ID: 660-73298-1

GC/MS VOA

Analysis Batch: 168691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73298-1	AOP Feed 75	Total/NA	Water	8260B	
660-73298-2	AOP-A 75	Total/NA	Water	8260B	
660-73298-3	AOP-B 75	Total/NA	Water	8260B	
660-73298-4	AOP-C 75	Total/NA	Water	8260B	
660-73298-5	AOP Feed 50	Total/NA	Water	8260B	
660-73298-6	AOP-A 50	Total/NA	Water	8260B	
660-73298-7	AOP-B 50	Total/NA	Water	8260B	
660-73298-8	AOP-C 50	Total/NA	Water	8260B	
660-73299-B-3 MS	Matrix Spike	Total/NA	Water	8260B	
660-73299-D-2 DU	Duplicate	Total/NA	Water	8260B	
LCS 660-168691/7	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-168691/8	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-168691/10	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 168704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73298-1	AOP Feed 75	Total/NA	Water	8260C SIM	
660-73298-2	AOP-A 75	Total/NA	Water	8260C SIM	
660-73298-3	AOP-B 75	Total/NA	Water	8260C SIM	
660-73298-4	AOP-C 75	Total/NA	Water	8260C SIM	
660-73298-5	AOP Feed 50	Total/NA	Water	8260C SIM	
660-73298-6	AOP-A 50	Total/NA	Water	8260C SIM	
660-73298-7	AOP-B 50	Total/NA	Water	8260C SIM	
660-73298-8	AOP-C 50	Total/NA	Water	8260C SIM	
660-73299-A-2 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-73299-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
LCS 660-168704/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-168704/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-168704/7	Method Blank	Total/NA	Water	8260C SIM	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Testing (UV)

TestAmerica Job ID: 660-73298-1

Client Sample ID: AOP Feed 75
Date Collected: 04/15/16 11:00
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73298-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 14:59	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 16:27	ECC	TAL TAM

Client Sample ID: AOP-A 75
Date Collected: 04/15/16 11:05
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73298-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 13:13	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 14:36	ECC	TAL TAM

Client Sample ID: AOP-B 75
Date Collected: 04/15/16 11:10
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73298-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 13:30	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 14:55	ECC	TAL TAM

Client Sample ID: AOP-C 75
Date Collected: 04/15/16 11:15
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73298-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 13:48	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 15:13	ECC	TAL TAM

Client Sample ID: AOP Feed 50
Date Collected: 04/15/16 13:00
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73298-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 15:16	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 16:45	ECC	TAL TAM

Client Sample ID: AOP-A 50
Date Collected: 04/15/16 13:05
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73298-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 14:06	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Testing (UV)

TestAmerica Job ID: 660-73298-1

Client Sample ID: AOP-A 50

Date Collected: 04/15/16 13:05
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73298-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 15:32	ECC	TAL TAM

Client Sample ID: AOP-B 50

Date Collected: 04/15/16 13:10
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73298-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 14:23	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 15:50	ECC	TAL TAM

Client Sample ID: AOP-C 50

Date Collected: 04/15/16 13:15
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73298-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 14:41	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 16:09	ECC	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc. TestAmerica Job ID: 660-73298-1
Project/Site: Tallevast AOP Improvements Testing (UV)

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 24 hour turn Results by COB 4/20			
State, Zip: FL, 34243				
Phone: 941-929-8747	60313454 18.03 - non PO invoice			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: AOP Improvements Testing (UV)	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Loc: 660
73298

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List							Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A									
AOP Feed 75	4/15/16	11:00	G	Water	N	N	2	2									30 mg/L H2O2
AOP-A 75	4/15/16	11:05	G	Water	N	N	2	2									54 gpm each AOP
AOP-B 75	4/15/16	11:10	G	Water	N	N	2	2									160 gpm inf
AOP-C 75	4/15/16	11:15	G	Water	N	N	2	2									
AOP Feed 50	4/15/16	13:00	G	Water	N	N	2	2									
AOP-A 50	4/15/16	13:05	G	Water	N	N	2	2									
AOP-B 50	4/15/16	13:10	G	Water	N	N	2	2									
AOP-C 50	4/15/16	13:15	G	Water	N	N	2	2									

660-73298 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 4-8-16 1450	Company AECOM	Received by:	Date/Time: 4-15-16 @ 1450	Company TA TMA
Relinquished by:	Date/Time: 4-15-16 @ 1630	Company TA TMA	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.2 / 2.6

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-73298-1

Login Number: 73298
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-73299-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
4/20/2016 11:36:27 AM
Jess Hornsby, Project Manager I
(813)885-7427
jess.hornsby@testamericainc.com

Designee for

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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Case Narrative

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Job ID: 660-73299-1

Laboratory: TestAmerica Tampa

Narrative

Receipt
The samples were received on 4/15/2016 4:30 PM; the samples arrived in good condition, properly preserved and, on ice. The temperature of the cooler at receipt was 2.6ºC.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-73299-1	AOP FEED	Water	04/15/16 09:00	04/15/16 16:30
660-73299-2	AOP-A EFF	Water	04/15/16 09:05	04/15/16 16:30
660-73299-3	AOP-B EFF	Water	04/15/16 09:10	04/15/16 16:30
660-73299-4	AOP-C EFF	Water	04/15/16 09:15	04/15/16 16:30
660-73299-5	PGE	Water	04/15/16 09:20	04/15/16 16:30
660-73299-6	SGE	Water	04/15/16 09:25	04/15/16 16:30
660-73299-7	Combined Influent	Water	04/15/16 09:30	04/15/16 16:30

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Client Sample ID: AOP FEED — Lab Sample ID: 660-73299-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	11		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.1		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	52		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A EFF — Lab Sample ID: 660-73299-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.5		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B EFF — Lab Sample ID: 660-73299-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C EFF — Lab Sample ID: 660-73299-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-73299-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.5		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-73299-6

No Detections.

Client Sample ID: Combined Influent — Lab Sample ID: 660-73299-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	19		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	20		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	14		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	54		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Client Sample ID: AOP FEED
Date Collected: 04/15/16 09:00
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	6.1		1.0	0.52	ug/L			04/19/16 15:34	1
1,1-Dichloroethene	11		1.0	0.67	ug/L			04/19/16 15:34	1
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L			04/19/16 15:34	1
Tetrachloroethene	4.5		1.0	0.50	ug/L			04/19/16 15:34	1
Trichloroethene	11		1.0	0.61	ug/L			04/19/16 15:34	1
Vinyl chloride	1.1		1.0	0.71	ug/L			04/19/16 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*04/19/16 15:34*	*1*
Dibromofluoromethane	*114*		*70 - 130*		*04/19/16 15:34*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*04/19/16 15:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	52		2.0	1.0	ug/L			04/19/16 17:04	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Client Sample ID: AOP-A EFF

Date Collected: 04/15/16 09:05
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.5**		1.0	0.52	ug/L			04/19/16 10:51	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 10:51	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 10:51	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/19/16 10:51	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 10:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 10:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*04/19/16 10:51*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*04/19/16 10:51*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*04/19/16 10:51*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/19/16 12:09	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Client Sample ID: AOP-B EFF

Lab Sample ID: 660-73299-3

Date Collected: 04/15/16 09:10

Matrix: Water

Date Received: 04/15/16 16:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.9**		1.0	0.52	ug/L			04/19/16 11:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 11:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 11:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/19/16 11:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 11:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 11:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*04/19/16 11:09*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*04/19/16 11:09*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*04/19/16 11:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/19/16 13:23	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Client Sample ID: AOP-C EFF
Date Collected: 04/15/16 09:15
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.9**		1.0	0.52	ug/L			04/19/16 12:20	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 12:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 12:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/19/16 12:20	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 12:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*04/19/16 12:20*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*04/19/16 12:20*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*		*04/19/16 12:20*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/19/16 13:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Client Sample ID: PGE
Date Collected: 04/15/16 09:20
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.5**		1.0	0.52	ug/L			04/19/16 12:37	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 12:37	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 12:37	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/19/16 12:37	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 12:37	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*04/19/16 12:37*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*04/19/16 12:37*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*04/19/16 12:37*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/19/16 14:00	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Client Sample ID: SGE
Date Collected: 04/15/16 09:25
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			04/19/16 12:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 12:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 12:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/19/16 12:55	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 12:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*04/19/16 12:55*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*04/19/16 12:55*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*04/19/16 12:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/19/16 14:18	1

Client Sample ID: Combined Influent

Date Collected: 04/15/16 09:30
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			04/19/16 15:52	1
Benzene	0.50	U	1.0	0.50	ug/L			04/19/16 15:52	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			04/19/16 15:52	1
Bromoform	0.63	U	1.0	0.63	ug/L			04/19/16 15:52	1
Bromomethane	2.5	U	5.0	2.5	ug/L			04/19/16 15:52	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			04/19/16 15:52	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			04/19/16 15:52	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			04/19/16 15:52	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			04/19/16 15:52	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			04/19/16 15:52	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			04/19/16 15:52	1
Chloroethane	2.5	U	5.0	2.5	ug/L			04/19/16 15:52	1
Chloroform	0.90	U	1.0	0.90	ug/L			04/19/16 15:52	1
Chloromethane	1.0	U	4.0	1.0	ug/L			04/19/16 15:52	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			04/19/16 15:52	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			04/19/16 15:52	1
cis-1,2-Dichloroethene	**19**		1.0	0.65	ug/L			04/19/16 15:52	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			04/19/16 15:52	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			04/19/16 15:52	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			04/19/16 15:52	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			04/19/16 15:52	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			04/19/16 15:52	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			04/19/16 15:52	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			04/19/16 15:52	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			04/19/16 15:52	1
1,1-Dichloroethane	**6.2**		1.0	0.52	ug/L			04/19/16 15:52	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			04/19/16 15:52	1
1,1-Dichloroethene	**20**		1.0	0.67	ug/L			04/19/16 15:52	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			04/19/16 15:52	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			04/19/16 15:52	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			04/19/16 15:52	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			04/19/16 15:52	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			04/19/16 15:52	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			04/19/16 15:52	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			04/19/16 15:52	1
2-Hexanone	4.4	U	10	4.4	ug/L			04/19/16 15:52	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			04/19/16 15:52	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			04/19/16 15:52	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			04/19/16 15:52	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			04/19/16 15:52	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			04/19/16 15:52	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			04/19/16 15:52	1
Naphthalene	2.5	U	5.0	2.5	ug/L			04/19/16 15:52	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			04/19/16 15:52	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			04/19/16 15:52	1
o-Xylene	0.50	U	1.0	0.50	ug/L			04/19/16 15:52	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			04/19/16 15:52	1
Styrene	0.98	U	2.0	0.98	ug/L			04/19/16 15:52	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			04/19/16 15:52	1

Client Sample ID: Combined Influent
Date Collected: 04/15/16 09:30
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			04/19/16 15:52	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			04/19/16 15:52	1
Tetrachloroethene	**8.3**		1.0	0.50	ug/L			04/19/16 15:52	1
Toluene	0.51	U	1.0	0.51	ug/L			04/19/16 15:52	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 15:52	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			04/19/16 15:52	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			04/19/16 15:52	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			04/19/16 15:52	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			04/19/16 15:52	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			04/19/16 15:52	1
Trichloroethene	**14**		1.0	0.61	ug/L			04/19/16 15:52	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			04/19/16 15:52	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			04/19/16 15:52	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			04/19/16 15:52	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			04/19/16 15:52	1
Vinyl chloride	**3.6**		1.0	0.71	ug/L			04/19/16 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*04/19/16 15:52*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*04/19/16 15:52*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*04/19/16 15:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**54**		2.0	1.0	ug/L			04/19/16 17:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-168691/10
Matrix: Water
Analysis Batch: 168691

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			04/19/16 10:23	1
Benzene	0.50	U	1.0	0.50	ug/L			04/19/16 10:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			04/19/16 10:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			04/19/16 10:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			04/19/16 10:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			04/19/16 10:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			04/19/16 10:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			04/19/16 10:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			04/19/16 10:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			04/19/16 10:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			04/19/16 10:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			04/19/16 10:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			04/19/16 10:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			04/19/16 10:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			04/19/16 10:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			04/19/16 10:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/19/16 10:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			04/19/16 10:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			04/19/16 10:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			04/19/16 10:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			04/19/16 10:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			04/19/16 10:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			04/19/16 10:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			04/19/16 10:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			04/19/16 10:23	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			04/19/16 10:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			04/19/16 10:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 10:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			04/19/16 10:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			04/19/16 10:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			04/19/16 10:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			04/19/16 10:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			04/19/16 10:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			04/19/16 10:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			04/19/16 10:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			04/19/16 10:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			04/19/16 10:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			04/19/16 10:23	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			04/19/16 10:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			04/19/16 10:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			04/19/16 10:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			04/19/16 10:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			04/19/16 10:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			04/19/16 10:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			04/19/16 10:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			04/19/16 10:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			04/19/16 10:23	1
Styrene	0.98	U	2.0	0.98	ug/L			04/19/16 10:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-168691/10
Matrix: Water
Analysis Batch: 168691

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			04/19/16 10:23	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			04/19/16 10:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			04/19/16 10:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/19/16 10:23	1
Toluene	0.51	U	1.0	0.51	ug/L			04/19/16 10:23	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/19/16 10:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			04/19/16 10:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			04/19/16 10:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			04/19/16 10:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			04/19/16 10:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			04/19/16 10:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/19/16 10:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			04/19/16 10:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			04/19/16 10:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			04/19/16 10:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			04/19/16 10:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/19/16 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*04/19/16 10:23*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*04/19/16 10:23*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*04/19/16 10:23*	*1*

Lab Sample ID: LCS 660-168691/7
Matrix: Water
Analysis Batch: 168691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	99.5		ug/L		100	62 - 142
Benzene	10.0	9.83		ug/L		98	68 - 134
Bromobenzene	10.0	10.1		ug/L		101	70 - 130
Bromoform	10.0	9.27		ug/L		93	65 - 130
Bromomethane	10.0	7.49		ug/L		75	22 - 150
2-Butanone (MEK)	100	90.4		ug/L		90	63 - 140
Carbon disulfide	10.0	12.0		ug/L		120	30 - 150
Carbon tetrachloride	10.0	11.2		ug/L		112	61 - 134
Chlorobenzene	10.0	10.0		ug/L		100	70 - 130
Chlorobromomethane	10.0	11.6		ug/L		116	70 - 130
Chlorodibromomethane	10.0	9.56		ug/L		96	70 - 130
Chloroethane	10.0	7.34		ug/L		73	39 - 150
Chloroform	10.0	10.4		ug/L		104	68 - 130
Chloromethane	10.0	8.31		ug/L		83	35 - 150
2-Chlorotoluene	10.0	9.96		ug/L		100	70 - 130
4-Chlorotoluene	10.0	9.49		ug/L		95	70 - 130
cis-1,2-Dichloroethene	10.0	11.7		ug/L		117	66 - 130
cis-1,3-Dichloropropene	10.0	9.47		ug/L		95	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	7.60		ug/L		76	63 - 130
Dibromomethane	10.0	10.3		ug/L		103	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-168691/7
Matrix: Water
Analysis Batch: 168691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	9.84		ug/L		98	70 - 130
1,3-Dichlorobenzene	10.0	9.95		ug/L		100	70 - 130
1,4-Dichlorobenzene	10.0	10.0		ug/L		100	70 - 130
Dichlorobromomethane	10.0	10.1		ug/L		101	70 - 130
Dichlorodifluoromethane	10.0	8.39		ug/L		84	16 - 149
1,1-Dichloroethane	10.0	10.5		ug/L		105	66 - 130
1,2-Dichloroethane	10.0	10.0		ug/L		100	70 - 130
1,1-Dichloroethene	10.0	11.8		ug/L		118	51 - 150
1,2-Dichloropropane	10.0	9.38		ug/L		94	70 - 130
1,3-Dichloropropane	10.0	8.91		ug/L		89	70 - 130
2,2-Dichloropropane	10.0	11.1		ug/L		111	66 - 134
1,1-Dichloropropene	10.0	11.0		ug/L		110	65 - 136
Ethylbenzene	10.0	9.92		ug/L		99	70 - 130
Ethylene Dibromide	10.0	10.1		ug/L		101	66 - 130
Hexachlorobutadiene	10.0	9.86		ug/L		99	62 - 143
2-Hexanone	100	89.4		ug/L		89	60 - 148
Isopropylbenzene	10.0	10.2		ug/L		102	62 - 130
4-Isopropyltoluene	10.0	10.1		ug/L		101	65 - 134
Methylene Chloride	10.0	10.9		ug/L		109	57 - 130
4-Methyl-2-pentanone (MIBK)	100	89.0		ug/L		89	64 - 137
Methyl tert-butyl ether	10.0	8.51		ug/L		85	67 - 130
Naphthalene	10.0	8.54		ug/L		85	50 - 136
n-Butylbenzene	10.0	9.74		ug/L		97	61 - 131
N-Propylbenzene	10.0	9.80		ug/L		98	67 - 130
o-Xylene	10.0	9.37		ug/L		94	69 - 130
sec-Butylbenzene	10.0	10.2		ug/L		102	68 - 133
Styrene	10.0	10.1		ug/L		101	68 - 131
tert-Butylbenzene	10.0	10.1		ug/L		101	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.72		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.4		ug/L		104	70 - 130
Tetrachloroethene	10.0	11.2		ug/L		112	50 - 143
Toluene	10.0	10.2		ug/L		102	70 - 131
trans-1,2-Dichloroethene	10.0	10.8		ug/L		108	62 - 139
trans-1,3-Dichloropropene	10.0	9.42		ug/L		94	67 - 130
1,2,3-Trichlorobenzene	10.0	9.68		ug/L		97	58 - 132
1,2,4-Trichlorobenzene	10.0	10.9		ug/L		109	66 - 130
1,1,1-Trichloroethane	10.0	11.3		ug/L		113	63 - 132
1,1,2-Trichloroethane	10.0	9.89		ug/L		99	70 - 130
Trichloroethene	10.0	10.1		ug/L		101	63 - 139
Trichlorofluoromethane	10.0	11.9		ug/L		119	62 - 146
1,2,3-Trichloropropane	10.0	8.75		ug/L		87	66 - 130
1,2,4-Trimethylbenzene	10.0	9.54		ug/L		95	70 - 132
1,3,5-Trimethylbenzene	10.0	9.50		ug/L		95	65 - 134
Vinyl chloride	10.0	9.69		ug/L		97	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-168691/7
Matrix: Water
Analysis Batch: 168691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 660-168691/8
Matrix: Water
Analysis Batch: 168691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	86.3		ug/L		86	62 - 142	14	30
Benzene			10.0	9.73		ug/L		97	68 - 134	1	30
Bromobenzene			10.0	9.58		ug/L		96	70 - 130	5	30
Bromoform			10.0	9.36		ug/L		94	65 - 130	1	30
Bromomethane			10.0	5.77		ug/L		58	22 - 150	26	30
2-Butanone (MEK)			100	81.5		ug/L		82	63 - 140	10	30
Carbon disulfide			10.0	11.4		ug/L		114	30 - 150	5	30
Carbon tetrachloride			10.0	10.7		ug/L		107	61 - 134	5	30
Chlorobenzene			10.0	10.1		ug/L		101	70 - 130	1	30
Chlorobromomethane			10.0	10.7		ug/L		107	70 - 130	8	30
Chlorodibromomethane			10.0	9.72		ug/L		97	70 - 130	2	30
Chloroethane			10.0	8.87		ug/L		89	39 - 150	19	30
Chloroform			10.0	10.7		ug/L		107	68 - 130	3	30
Chloromethane			10.0	8.82		ug/L		88	35 - 150	6	30
2-Chlorotoluene			10.0	9.92		ug/L		99	70 - 130	0	30
4-Chlorotoluene			10.0	9.68		ug/L		97	70 - 130	2	30
cis-1,2-Dichloroethene			10.0	10.8		ug/L		108	66 - 130	7	30
cis-1,3-Dichloropropene			10.0	9.36		ug/L		94	70 - 130	1	30
1,2-Dibromo-3-Chloropropane			10.0	7.36		ug/L		74	63 - 130	3	30
Dibromomethane			10.0	10.2		ug/L		102	70 - 130	1	30
1,2-Dichlorobenzene			10.0	9.88		ug/L		99	70 - 130	0	30
1,3-Dichlorobenzene			10.0	9.67		ug/L		97	70 - 130	3	30
1,4-Dichlorobenzene			10.0	9.71		ug/L		97	70 - 130	3	30
Dichlorobromomethane			10.0	10.7		ug/L		107	70 - 130	6	30
Dichlorodifluoromethane			10.0	7.72		ug/L		77	16 - 149	8	30
1,1-Dichloroethane			10.0	10.5		ug/L		105	66 - 130	0	30
1,2-Dichloroethane			10.0	10.4		ug/L		104	70 - 130	4	30
1,1-Dichloroethene			10.0	11.7		ug/L		117	51 - 150	1	30
1,2-Dichloropropane			10.0	10.7		ug/L		107	70 - 130	13	30
1,3-Dichloropropane			10.0	9.69		ug/L		97	70 - 130	8	30
2,2-Dichloropropane			10.0	10.8		ug/L		108	66 - 134	2	30
1,1-Dichloropropene			10.0	10.3		ug/L		103	65 - 136	6	30
Ethylbenzene			10.0	10.6		ug/L		106	70 - 130	6	30
Ethylene Dibromide			10.0	11.0		ug/L		110	66 - 130	9	30
Hexachlorobutadiene			10.0	10.8		ug/L		108	62 - 143	9	30
2-Hexanone			100	81.0		ug/L		81	60 - 148	10	30
Isopropylbenzene			10.0	10.3		ug/L		103	62 - 130	1	30
4-Isopropyltoluene			10.0	9.69		ug/L		97	65 - 134	4	30
Methylene Chloride			10.0	10.7		ug/L		107	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)			100	81.0		ug/L		81	64 - 137	9	30
Methyl tert-butyl ether			10.0	8.47		ug/L		85	67 - 130	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-168691/8
Matrix: Water
Analysis Batch: 168691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	8.02		ug/L		80	50 - 136	6	30
n-Butylbenzene			10.0	9.85		ug/L		98	61 - 131	1	30
N-Propylbenzene			10.0	9.84		ug/L		98	67 - 130	0	30
o-Xylene			10.0	9.17		ug/L		92	69 - 130	2	30
sec-Butylbenzene			10.0	10.0		ug/L		100	68 - 133	2	30
Styrene			10.0	10.2		ug/L		102	68 - 131	2	30
tert-Butylbenzene			10.0	10.3		ug/L		103	64 - 130	3	30
1,1,1,2-Tetrachloroethane			10.0	10.3		ug/L		103	70 - 130	6	30
1,1,2,2-Tetrachloroethane			10.0	9.67		ug/L		97	70 - 130	7	30
Tetrachloroethene			10.0	10.5		ug/L		105	50 - 143	7	30
Toluene			10.0	10.9		ug/L		109	70 - 131	7	30
trans-1,2-Dichloroethene			10.0	11.2		ug/L		112	62 - 139	3	30
trans-1,3-Dichloropropene			10.0	9.32		ug/L		93	67 - 130	1	30
1,2,3-Trichlorobenzene			10.0	8.62		ug/L		86	58 - 132	12	30
1,2,4-Trichlorobenzene			10.0	9.84		ug/L		98	66 - 130	10	30
1,1,1-Trichloroethane			10.0	11.2		ug/L		112	63 - 132	1	30
1,1,2-Trichloroethane			10.0	9.81		ug/L		98	70 - 130	1	30
Trichloroethene			10.0	10.8		ug/L		108	63 - 139	7	30
Trichlorofluoromethane			10.0	11.5		ug/L		115	62 - 146	4	30
1,2,3-Trichloropropane			10.0	10.7		ug/L		107	66 - 130	20	30
1,2,4-Trimethylbenzene			10.0	9.52		ug/L		95	70 - 132	0	30
1,3,5-Trimethylbenzene			10.0	9.43		ug/L		94	65 - 134	1	30
Vinyl chloride			10.0	9.87		ug/L		99	48 - 147	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-73299-3 MS
Matrix: Water
Analysis Batch: 168691

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	21		100	111		ug/L		90	62 - 142
Benzene	0.50	U	10.0	9.65		ug/L		96	68 - 134
Bromobenzene	0.58	U	10.0	9.15		ug/L		91	70 - 130
Bromoform	0.63	U	10.0	9.21		ug/L		92	65 - 130
Bromomethane	2.5	U	10.0	4.25	I	ug/L		42	22 - 150
2-Butanone (MEK)	8.4	U	100	89.3		ug/L		89	63 - 140
Carbon disulfide	1.0	U	10.0	11.0		ug/L		110	30 - 150
Carbon tetrachloride	0.43	U	10.0	10.2		ug/L		102	61 - 134
Chlorobenzene	0.63	U	10.0	9.98		ug/L		100	70 - 130
Chlorobromomethane	0.58	U	10.0	9.85		ug/L		98	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.77		ug/L		98	70 - 130
Chloroethane	2.5	U	10.0	11.9		ug/L		119	39 - 150
Chloroform	0.90	U	10.0	11.0		ug/L		110	68 - 130
Chloromethane	1.0	U	10.0	7.43		ug/L		74	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73299-3 MS
Matrix: Water
Analysis Batch: 168691

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	9.29		ug/L		93	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.26		ug/L		93	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.19		ug/L		92	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.42		ug/L		94	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.16		ug/L		72	63 - 130
Dibromomethane	0.46	U	10.0	10.5		ug/L		105	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.08		ug/L		91	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	8.94		ug/L		89	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.58		ug/L		96	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.3		ug/L		103	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	5.73		ug/L		57	16 - 149
1,1-Dichloroethane	3.9		10.0	14.1		ug/L		102	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.3		ug/L		103	70 - 130
1,1-Dichloroethene	0.67	U	10.0	10.2		ug/L		102	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.87		ug/L		99	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.29		ug/L		93	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.8		ug/L		108	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.87		ug/L		99	65 - 136
Ethylbenzene	0.44	U	10.0	9.27		ug/L		93	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.4		ug/L		104	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.19		ug/L		92	62 - 143
2-Hexanone	4.4	U	100	90.8		ug/L		91	60 - 148
Isopropylbenzene	0.52	U	10.0	9.14		ug/L		91	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.24		ug/L		92	65 - 134
Methylene Chloride	4.0	U	10.0	10.6		ug/L		106	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	94.1		ug/L		94	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.34		ug/L		93	67 - 130
Naphthalene	2.5	U	10.0	6.91		ug/L		69	50 - 136
n-Butylbenzene	0.67	U	10.0	9.04		ug/L		90	61 - 131
N-Propylbenzene	0.59	U	10.0	8.88		ug/L		89	67 - 130
o-Xylene	0.50	U	10.0	9.56		ug/L		96	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.00		ug/L		90	68 - 133
Styrene	0.98	U	10.0	10.1		ug/L		101	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.13		ug/L		91	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.7		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.51		ug/L		85	70 - 130
Tetrachloroethene	0.50	U	10.0	9.55		ug/L		95	50 - 143
Toluene	0.51	U	10.0	10.3		ug/L		103	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.5		ug/L		105	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.0		ug/L		100	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	7.83		ug/L		78	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.93		ug/L		89	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.8		ug/L		108	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	8.56		ug/L		86	70 - 130
Trichloroethene	0.61	U	10.0	9.46		ug/L		95	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.79		ug/L		98	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	8.47		ug/L		85	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.18		ug/L		92	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73299-3 MS
Matrix: Water
Analysis Batch: 168691

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	8.97		ug/L		90	65 - 134
Vinyl chloride	0.71	U	10.0	8.87		ug/L		89	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-73299-2 DU
Matrix: Water
Analysis Batch: 168691

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	20		24.5		ug/L		22	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	3.5		4.06		ug/L		14	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73299-2 DU
Matrix: Water
Analysis Batch: 168691

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Isopropylbenzene	0.52	U	0.52	U	ug/L		NC	30
4-Isopropyltoluene	0.69	U	0.69	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30
Methyl tert-butyl ether	0.44	U	0.44	U	ug/L		NC	30
m-Xylene & p-Xylene	0.60	U	0.60	U	ug/L		NC	30
Naphthalene	2.5	U	2.5	U	ug/L		NC	30
n-Butylbenzene	0.67	U	0.67	U	ug/L		NC	30
N-Propylbenzene	0.59	U	0.59	U	ug/L		NC	30
o-Xylene	0.50	U	0.50	U	ug/L		NC	30
sec-Butylbenzene	0.63	U	0.63	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
tert-Butylbenzene	0.84	U	0.84	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.17	U	0.17	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.51	U	0.51	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.27	U	0.27	U	ug/L		NC	30
1,2,3-Trichlorobenzene	0.77	U	0.77	U	ug/L		NC	30
1,2,4-Trichlorobenzene	0.58	U	0.58	U	ug/L		NC	30
1,1,1-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
1,1,2-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Trichlorofluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,2,3-Trichloropropane	0.44	U	0.44	U	ug/L		NC	30
1,2,4-Trimethylbenzene	0.86	U	0.86	U	ug/L		NC	30
1,3,5-Trimethylbenzene	0.54	U	0.54	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*108*		*70 - 130*
Toluene-d8 (Surr)	*113*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-168704/7
Matrix: Water
Analysis Batch: 168704

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/19/16 11:33	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-168704/4
Matrix: Water
Analysis Batch: 168704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	9.10		ug/L		91	50 - 150		

Lab Sample ID: LCSD 660-168704/5
Matrix: Water
Analysis Batch: 168704

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	7.84		ug/L		78	50 - 150	15	50

Lab Sample ID: 660-73299-2 MS
Matrix: Water
Analysis Batch: 168704

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	7.36		ug/L		74	50 - 150		

Lab Sample ID: 660-73299-2 MSD
Matrix: Water
Analysis Batch: 168704

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	7.95		ug/L		80	50 - 150	8	50

GC/MS VOA

Analysis Batch: 168691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73299-1	AOP FEED	Total/NA	Water	8260B	
660-73299-2	AOP-A EFF	Total/NA	Water	8260B	
660-73299-2 DU	AOP-A EFF	Total/NA	Water	8260B	
660-73299-3	AOP-B EFF	Total/NA	Water	8260B	
660-73299-3 MS	AOP-B EFF	Total/NA	Water	8260B	
660-73299-4	AOP-C EFF	Total/NA	Water	8260B	
660-73299-5	PGE	Total/NA	Water	8260B	
660-73299-6	SGE	Total/NA	Water	8260B	
660-73299-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-168691/7	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-168691/8	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-168691/10	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 168704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73299-1	AOP FEED	Total/NA	Water	8260C SIM	
660-73299-2	AOP-A EFF	Total/NA	Water	8260C SIM	
660-73299-2 MS	AOP-A EFF	Total/NA	Water	8260C SIM	
660-73299-2 MSD	AOP-A EFF	Total/NA	Water	8260C SIM	
660-73299-3	AOP-B EFF	Total/NA	Water	8260C SIM	
660-73299-4	AOP-C EFF	Total/NA	Water	8260C SIM	
660-73299-5	PGE	Total/NA	Water	8260C SIM	
660-73299-6	SGE	Total/NA	Water	8260C SIM	
660-73299-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-168704/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-168704/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-168704/7	Method Blank	Total/NA	Water	8260C SIM	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Client Sample ID: AOP FEED
Date Collected: 04/15/16 09:00
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 15:34	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 17:04	ECC	TAL TAM

Client Sample ID: AOP-A EFF
Date Collected: 04/15/16 09:05
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 10:51	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 12:09	ECC	TAL TAM

Client Sample ID: AOP-B EFF
Date Collected: 04/15/16 09:10
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 11:09	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 13:23	ECC	TAL TAM

Client Sample ID: AOP-C EFF
Date Collected: 04/15/16 09:15
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 12:20	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 13:41	ECC	TAL TAM

Client Sample ID: PGE
Date Collected: 04/15/16 09:20
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 12:37	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 14:00	ECC	TAL TAM

Client Sample ID: SGE
Date Collected: 04/15/16 09:25
Date Received: 04/15/16 16:30

Lab Sample ID: 660-73299-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 12:55	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Client Sample ID: SGE

Lab Sample ID: 660-73299-6

Date Collected: 04/15/16 09:25
Matrix: Water
Date Received: 04/15/16 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 14:18	ECC	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-73299-7

Date Collected: 04/15/16 09:30
Matrix: Water
Date Received: 04/15/16 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	168691	04/19/16 15:52	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	168704	04/19/16 17:22	ECC	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73299-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Sarasota	TAT Requested (days): 7Z ~~24~~ hour turn			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243				Other:
Phone: 941-929-8747	PO # 69016ACM Project and task - 60480333 09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Sampling	Project #:			
Site: Tallevast	SSOW#:			

Loc: 660
73299

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List										Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A												
AOP Feed	4/15/16	9:00	G	Water	N	N	2	2												155 gpm
AOP-A Eff	4/15/16	9:05	G	Water	N	N	2	2												AOPs at 62, 50, 45
AOP-B Eff	4/15/16	9:10	G	Water	N	N	2	2												H2O2 at 40 mg/L
AOP-C Eff	4/15/16	9:15	G	Water	N	N	2	2												
PGE	4/15/16	9:20	G	Water	N	N	2	2												
SGE	4/15/16	9:25	G	Water	N	N	2	2												
Combined Influent	4/15/16	9:30	G	Water	N	N		2	2											

660-73299 Chain of Custody

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may l ☐ Return To Client ☐ _____ es are retained longer than 1 month) ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 4-14-16 14:00	Company AECOM
Relinquished by:	Date/Time: 4-15-16 1450	Company AECOM	Received by:	Date/Time: 4-15-16@1450	Company TA-TPA
Relinquished by:	Date/Time: 4-15-16 @ 1630	Company TA-TPA	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.2/2.0

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-73299-1

Login Number: 73299
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-73489-1

Client Project/Site: Tallevast AOP Improvements Add. Testing

For:

AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
5/2/2016 4:30:51 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-73489-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-73489-1

Comments
No additional comments.

Receipt
The samples were received on 4/26/2016 5:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Add. Testing

TestAmerica Job ID: 660-73489-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-73489-1	AOP Feed 40-185-100%	Water	04/26/16 09:00	04/26/16 17:00
660-73489-2	Comb AOP Eff 40-185-100%	Water	04/26/16 09:05	04/26/16 17:00
660-73489-3	AOP Feed 60-185-50%	Water	04/26/16 11:00	04/26/16 17:00
660-73489-4	Comb AOP Eff 60-185-50%	Water	04/26/16 11:05	04/26/16 17:00
660-73489-5	Comb AOP Eff 75-185-50%	Water	04/26/16 12:05	04/26/16 17:00
660-73489-6	Comb AOP Eff 90-185-50%	Water	04/26/16 13:05	04/26/16 17:00
660-73489-7	AOP Feed 60-160-50%	Water	04/26/16 14:00	04/26/16 17:00
660-73489-8	Comb AOP Eff 60-160-50%	Water	04/26/16 14:05	04/26/16 17:00

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Add. Testing

TestAmerica Job ID: 660-73489-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc. TestAmerica Job ID: 660-73489-1
Project/Site: Tallevast AOP Improvements Add. Testing

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Add. Testing

TestAmerica Job ID: 660-73489-1

Client Sample ID: AOP Feed 40-185-100% — Lab Sample ID: 660-73489-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	11		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	12		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	48		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Comb AOP Eff 40-185-100% — Lab Sample ID: 660-73489-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP Feed 60-185-50% — Lab Sample ID: 660-73489-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.9		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	11		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	43		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Comb AOP Eff 60-185-50% — Lab Sample ID: 660-73489-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.6		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.2		1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Comb AOP Eff 75-185-50% — Lab Sample ID: 660-73489-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.9		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.2		1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Comb AOP Eff 90-185-50% — Lab Sample ID: 660-73489-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.5		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.8		1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP Feed 60-160-50% — Lab Sample ID: 660-73489-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Add. Testing

TestAmerica Job ID: 660-73489-1

Client Sample ID: AOP Feed 60-160-50% (Continued) — Lab Sample ID: 660-73489-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	11		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	0.94	I	1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	48		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Comb AOP Eff 60-160-50% — Lab Sample ID: 660-73489-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.2		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.2		1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed 40-185-100%

Lab Sample ID: 660-73489-1
Date Collected: 04/26/16 09:00
Matrix: Water
Date Received: 04/26/16 17:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.8		1.0	0.52	ug/L			04/30/16 18:12	1
1,1-Dichloroethene	11		1.0	0.67	ug/L			04/30/16 18:12	1
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L			04/30/16 18:12	1
Tetrachloroethene	12		1.0	0.50	ug/L			04/30/16 18:12	1
Trichloroethene	11		1.0	0.61	ug/L			04/30/16 18:12	1
Vinyl chloride	1.6		1.0	0.71	ug/L			04/30/16 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*04/30/16 18:12*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*04/30/16 18:12*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*04/30/16 18:12*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	48		2.0	1.0	ug/L			04/28/16 15:41	1

Client Sample ID: Comb AOP Eff 40-185-100%

Lab Sample ID: 660-73489-2
Date Collected: 04/26/16 09:05
Matrix: Water
Date Received: 04/26/16 17:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.3		1.0	0.52	ug/L			04/30/16 15:12	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/30/16 15:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/30/16 15:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/30/16 15:12	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/30/16 15:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/30/16 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*04/30/16 15:12*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*04/30/16 15:12*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*04/30/16 15:12*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/28/16 15:59	1

Client Sample ID: AOP Feed 60-185-50%

Lab Sample ID: 660-73489-3
Date Collected: 04/26/16 11:00
Matrix: Water
Date Received: 04/26/16 17:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.8		1.0	0.52	ug/L			04/30/16 18:29	1
1,1-Dichloroethene	9.9		1.0	0.67	ug/L			04/30/16 18:29	1
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L			04/30/16 18:29	1
Tetrachloroethene	11		1.0	0.50	ug/L			04/30/16 18:29	1
Trichloroethene	11		1.0	0.61	ug/L			04/30/16 18:29	1
Vinyl chloride	1.6		1.0	0.71	ug/L			04/30/16 18:29	1

Client Sample ID: AOP Feed 60-185-50%

Lab Sample ID: 660-73489-3
Date Collected: 04/26/16 11:00
Matrix: Water
Date Received: 04/26/16 17:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*94*		*70 - 130*		*04/30/16 18:29*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*04/30/16 18:29*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*04/30/16 18:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**43**		2.0	1.0	ug/L			04/28/16 16:18	1

Client Sample ID: Comb AOP Eff 60-185-50%

Lab Sample ID: 660-73489-4
Date Collected: 04/26/16 11:05
Matrix: Water
Date Received: 04/26/16 17:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.6**		1.0	0.52	ug/L			04/30/16 15:30	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/30/16 15:30	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/30/16 15:30	1
Tetrachloroethene	**1.2**		1.0	0.50	ug/L			04/30/16 15:30	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/30/16 15:30	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/30/16 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*105*		*70 - 130*		*04/30/16 15:30*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*04/30/16 15:30*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*04/30/16 15:30*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.2**		2.0	1.0	ug/L			04/28/16 16:36	1

Client Sample ID: Comb AOP Eff 75-185-50%

Lab Sample ID: 660-73489-5
Date Collected: 04/26/16 12:05
Matrix: Water
Date Received: 04/26/16 17:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.9**		1.0	0.52	ug/L			04/30/16 17:19	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/30/16 17:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/30/16 17:19	1
Tetrachloroethene	**1.2**		1.0	0.50	ug/L			04/30/16 17:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/30/16 17:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/30/16 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*102*		*70 - 130*		*04/30/16 17:19*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*04/30/16 17:19*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*04/30/16 17:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.7**		2.0	1.0	ug/L			04/28/16 16:55	1

Client Sample ID: Comb AOP Eff 90-185-50%

Lab Sample ID: 660-73489-6
Date Collected: 04/26/16 13:05
Matrix: Water
Date Received: 04/26/16 17:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.5**		1.0	0.52	ug/L			04/30/16 17:36	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/30/16 17:36	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/30/16 17:36	1
Tetrachloroethene	**1.8**		1.0	0.50	ug/L			04/30/16 17:36	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/30/16 17:36	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/30/16 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*04/30/16 17:36*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*04/30/16 17:36*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*04/30/16 17:36*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.1**		2.0	1.0	ug/L			04/28/16 17:13	1

Client Sample ID: AOP Feed 60-160-50%

Lab Sample ID: 660-73489-7
Date Collected: 04/26/16 14:00
Matrix: Water
Date Received: 04/26/16 17:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.7**		1.0	0.52	ug/L			04/30/16 18:47	1
1,1-Dichloroethene	**10**		1.0	0.67	ug/L			04/30/16 18:47	1
cis-1,2-Dichloroethene	**13**		1.0	0.65	ug/L			04/30/16 18:47	1
Tetrachloroethene	**11**		1.0	0.50	ug/L			04/30/16 18:47	1
Trichloroethene	**11**		1.0	0.61	ug/L			04/30/16 18:47	1
Vinyl chloride	**0.94**	**I**	1.0	0.71	ug/L			04/30/16 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*04/30/16 18:47*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*04/30/16 18:47*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*04/30/16 18:47*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**48**		2.0	1.0	ug/L			04/28/16 17:32	1

Client Sample ID: Comb AOP Eff 60-160-50%

Lab Sample ID: 660-73489-8
Date Collected: 04/26/16 14:05
Matrix: Water
Date Received: 04/26/16 17:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.2**		1.0	0.52	ug/L			04/30/16 17:54	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/30/16 17:54	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/30/16 17:54	1
Tetrachloroethene	**1.2**		1.0	0.50	ug/L			04/30/16 17:54	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/30/16 17:54	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/30/16 17:54	1

Client Sample ID: Comb AOP Eff 60-160-50% **Lab Sample ID: 660-73489-8**
Date Collected: 04/26/16 14:05 **Matrix: Water**
Date Received: 04/26/16 17:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*04/30/16 17:54*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*04/30/16 17:54*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*04/30/16 17:54*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.4		2.0	1.0	ug/L			04/28/16 17:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-169077/6
Matrix: Water
Analysis Batch: 169077

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			04/30/16 14:10	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			04/30/16 14:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			04/30/16 14:10	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			04/30/16 14:10	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			04/30/16 14:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			04/30/16 14:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*04/30/16 14:10*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*04/30/16 14:10*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*04/30/16 14:10*	*1*

Lab Sample ID: LCS 660-169077/4
Matrix: Water
Analysis Batch: 169077

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			10.0	11.2		ug/L		112	66 - 130		
1,1-Dichloroethene			10.0	11.8		ug/L		118	51 - 150		
cis-1,2-Dichloroethene			10.0	10.8		ug/L		108	66 - 130		
Tetrachloroethene			10.0	10.3		ug/L		103	50 - 143		
Trichloroethene			10.0	10.5		ug/L		105	63 - 139		
Vinyl chloride			10.0	8.35		ug/L		83	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 660-169077/7
Matrix: Water
Analysis Batch: 169077

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane			10.0	10.6		ug/L		106	66 - 130	6	30
1,1-Dichloroethene			10.0	10.8		ug/L		108	51 - 150	9	30
cis-1,2-Dichloroethene			10.0	11.1		ug/L		111	66 - 130	2	30
Tetrachloroethene			10.0	10.1		ug/L		101	50 - 143	2	30
Trichloroethene			10.0	9.67		ug/L		97	63 - 139	8	30
Vinyl chloride			10.0	9.82		ug/L		98	48 - 147	16	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73489-4 MS
Matrix: Water
Analysis Batch: 169077

Client Sample ID: Comb AOP Eff 60-185-50%
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.6		10.0	12.1		ug/L		75	66 - 130
1,1-Dichloroethene	0.67	U	10.0	9.70		ug/L		97	51 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	8.50		ug/L		85	66 - 130
Tetrachloroethene	1.2		10.0	11.2		ug/L		100	50 - 143
Trichloroethene	0.61	U	10.0	8.41		ug/L		84	63 - 139
Vinyl chloride	0.71	U	10.0	8.50		ug/L		85	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*87*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: 660-73489-2 DU
Matrix: Water
Analysis Batch: 169077

Client Sample ID: Comb AOP Eff 40-185-100%
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	4.3		4.22		ug/L		2	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-169021/7
Matrix: Water
Analysis Batch: 169021

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			04/28/16 15:21	1

Lab Sample ID: LCS 660-169021/4
Matrix: Water
Analysis Batch: 169021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.48		ug/L		75	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-169021/5
Matrix: Water
Analysis Batch: 169021

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.24		ug/L		82	50 - 150	10	50

Lab Sample ID: 660-73489-8 MS
Matrix: Water
Analysis Batch: 169021

Client Sample ID: Comb AOP Eff 60-160-50%
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	2.4		10.0	9.98		ug/L		76	50 - 150		

Lab Sample ID: 660-73489-8 MSD
Matrix: Water
Analysis Batch: 169021

Client Sample ID: Comb AOP Eff 60-160-50%
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	2.4		10.0	10.2		ug/L		78	50 - 150	2	50

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Add. Testing

TestAmerica Job ID: 660-73489-1

GC/MS VOA

Analysis Batch: 169021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73489-1	AOP Feed 40-185-100%	Total/NA	Water	8260C SIM	
660-73489-2	Comb AOP Eff 40-185-100%	Total/NA	Water	8260C SIM	
660-73489-3	AOP Feed 60-185-50%	Total/NA	Water	8260C SIM	
660-73489-4	Comb AOP Eff 60-185-50%	Total/NA	Water	8260C SIM	
660-73489-5	Comb AOP Eff 75-185-50%	Total/NA	Water	8260C SIM	
660-73489-6	Comb AOP Eff 90-185-50%	Total/NA	Water	8260C SIM	
660-73489-7	AOP Feed 60-160-50%	Total/NA	Water	8260C SIM	
660-73489-8	Comb AOP Eff 60-160-50%	Total/NA	Water	8260C SIM	
660-73489-8 MS	Comb AOP Eff 60-160-50%	Total/NA	Water	8260C SIM	
660-73489-8 MSD	Comb AOP Eff 60-160-50%	Total/NA	Water	8260C SIM	
LCS 660-169021/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-169021/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-169021/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 169077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73489-1	AOP Feed 40-185-100%	Total/NA	Water	8260B	
660-73489-2	Comb AOP Eff 40-185-100%	Total/NA	Water	8260B	
660-73489-2 DU	Comb AOP Eff 40-185-100%	Total/NA	Water	8260B	
660-73489-3	AOP Feed 60-185-50%	Total/NA	Water	8260B	
660-73489-4	Comb AOP Eff 60-185-50%	Total/NA	Water	8260B	
660-73489-4 MS	Comb AOP Eff 60-185-50%	Total/NA	Water	8260B	
660-73489-5	Comb AOP Eff 75-185-50%	Total/NA	Water	8260B	
660-73489-6	Comb AOP Eff 90-185-50%	Total/NA	Water	8260B	
660-73489-7	AOP Feed 60-160-50%	Total/NA	Water	8260B	
660-73489-8	Comb AOP Eff 60-160-50%	Total/NA	Water	8260B	
LCS 660-169077/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-169077/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-169077/6	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Add. Testing

TestAmerica Job ID: 660-73489-1

Client Sample ID: AOP Feed 40-185-100%
Lab Sample ID: 660-73489-1
Date Collected: 04/26/16 09:00
Matrix: Water
Date Received: 04/26/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169077	04/30/16 18:12	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169021	04/28/16 15:41	TGP	TAL TAM

Client Sample ID: Comb AOP Eff 40-185-100%
Lab Sample ID: 660-73489-2
Date Collected: 04/26/16 09:05
Matrix: Water
Date Received: 04/26/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169077	04/30/16 15:12	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169021	04/28/16 15:59	TGP	TAL TAM

Client Sample ID: AOP Feed 60-185-50%
Lab Sample ID: 660-73489-3
Date Collected: 04/26/16 11:00
Matrix: Water
Date Received: 04/26/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169077	04/30/16 18:29	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169021	04/28/16 16:18	TGP	TAL TAM

Client Sample ID: Comb AOP Eff 60-185-50%
Lab Sample ID: 660-73489-4
Date Collected: 04/26/16 11:05
Matrix: Water
Date Received: 04/26/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169077	04/30/16 15:30	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169021	04/28/16 16:36	TGP	TAL TAM

Client Sample ID: Comb AOP Eff 75-185-50%
Lab Sample ID: 660-73489-5
Date Collected: 04/26/16 12:05
Matrix: Water
Date Received: 04/26/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169077	04/30/16 17:19	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169021	04/28/16 16:55	TGP	TAL TAM

Client Sample ID: Comb AOP Eff 90-185-50%
Lab Sample ID: 660-73489-6
Date Collected: 04/26/16 13:05
Matrix: Water
Date Received: 04/26/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169077	04/30/16 17:36	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Add. Testing

TestAmerica Job ID: 660-73489-1

Client Sample ID: Comb AOP Eff 90-185-50%

Lab Sample ID: 660-73489-6
Matrix: Water
Date Collected: 04/26/16 13:05
Date Received: 04/26/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	169021	04/28/16 17:13	TGP	TAL TAM

Client Sample ID: AOP Feed 60-160-50%

Lab Sample ID: 660-73489-7
Matrix: Water
Date Collected: 04/26/16 14:00
Date Received: 04/26/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169077	04/30/16 18:47	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169021	04/28/16 17:32	TGP	TAL TAM

Client Sample ID: Comb AOP Eff 60-160-50%

Lab Sample ID: 660-73489-8
Matrix: Water
Date Collected: 04/26/16 14:05
Date Received: 04/26/16 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169077	04/30/16 17:54	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169021	04/28/16 17:50	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc. TestAmerica Job ID: 660-73489-1
Project/Site: Tallevast AOP Improvements Add. Testing

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 24-hour turn — 1 wk turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	60313454 18.03 - non PO invoice			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: AOP Improvements Additional Testing	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List						Total Number of Containers	Special Instructions/Note:
			Preservation Code				A	A								
AOP Feed 40-185-100%	4/26/16	9:00	G	Water	N	N	2	2								180-155 sqm mf
Comb AOP Eff 40 -185-100%	4/26/16	9:05	G	Water	N	N	2	2								2103 r2104 @ 40
AOP Feed 60-185-50%	4/26/16	11:00	G	Water	N	N	2	2								AOP-A @ 70
Comb AOP Eff 60-185 -50%	4/26/16	11:05	G	Water	N	N	2	2								AOP-B @ 65
Comb AOP Eff 75-185-50%	4/26/16	12:05	G	Water	N	N	2	2								AOP-C @ 50
Comb AOP Eff 90 -185-50%	4/26/16	13:05	G	Water	N	N	2	2								Run 24hrs prior To testing
AOP Feed 60-160-50%	4/26/16	14:00	G	Water	N	N	2	2								
Comb AOP Eff 60-160-50%	4/26/16	14:05	G	Water	N	N	2	2								

Loc: 660 73489

660-73489 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time: 1111	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 4-25-16 1400	Company TTC Lab
Relinquished by:	Date/Time: 4-26-16	Company TTC Lab	Received by:	Date/Time: 4/26/16 1700	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.4 / 1.2

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5/2/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-73489-1

Login Number: 73489
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast AOP Improvements Add. Testing

TestAmerica Job ID: 660-73489-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-73580-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
5/5/2016 1:00:44 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73580-1

Job ID: 660-73580-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-73580-1

Comments
No additional comments.

Receipt
The samples were received on 5/3/2016 3:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73580-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-73580-1	AOP Feed	Water	05/03/16 09:00	05/03/16 15:50
660-73580-2	AOP-A Eff	Water	05/03/16 09:05	05/03/16 15:50
660-73580-3	AOP-B Eff	Water	05/03/16 09:10	05/03/16 15:50
660-73580-4	AOP-C Eff	Water	05/03/16 09:15	05/03/16 15:50
660-73580-5	PGE	Water	05/03/16 09:20	05/03/16 15:50
660-73580-6	SGE	Water	05/03/16 09:25	05/03/16 15:50
660-73580-7	Combined Influent	Water	05/03/16 09:30	05/03/16 15:50

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73580-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73580-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73580-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-73580-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.4		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	10		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.4		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	46		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A Eff — Lab Sample ID: 660-73580-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.8		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B Eff — Lab Sample ID: 660-73580-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.7		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C Eff — Lab Sample ID: 660-73580-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.6		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-73580-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.2		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-73580-6

No Detections.

Client Sample ID: Combined Influent — Lab Sample ID: 660-73580-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	20		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	7.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	24		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.0		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.70	I	1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	17		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	51		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-73580-1

Date Collected: 05/03/16 09:00

Matrix: Water

Date Received: 05/03/16 15:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.6**		1.0	0.52	ug/L			05/04/16 13:55	1
1,1-Dichloroethene	**9.4**		1.0	0.67	ug/L			05/04/16 13:55	1
cis-1,2-Dichloroethene	**15**		1.0	0.65	ug/L			05/04/16 13:55	1
Tetrachloroethene	**4.3**		1.0	0.50	ug/L			05/04/16 13:55	1
Trichloroethene	**10**		1.0	0.61	ug/L			05/04/16 13:55	1
Vinyl chloride	**1.4**		1.0	0.71	ug/L			05/04/16 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*05/04/16 13:55*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*05/04/16 13:55*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*05/04/16 13:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**46**		2.0	1.0	ug/L			05/04/16 16:17	1

Client Sample ID: AOP-A Eff

Lab Sample ID: 660-73580-2

Date Collected: 05/03/16 09:05

Matrix: Water

Date Received: 05/03/16 15:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.8**		1.0	0.52	ug/L			05/04/16 11:08	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/04/16 11:08	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/04/16 11:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/04/16 11:08	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/04/16 11:08	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/04/16 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*05/04/16 11:08*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*05/04/16 11:08*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*05/04/16 11:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/04/16 14:43	1

Client Sample ID: AOP-B Eff

Lab Sample ID: 660-73580-3

Date Collected: 05/03/16 09:10

Matrix: Water

Date Received: 05/03/16 15:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.7**		1.0	0.52	ug/L			05/04/16 11:27	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/04/16 11:27	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/04/16 11:27	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/04/16 11:27	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/04/16 11:27	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/04/16 11:27	1

Client Sample ID: AOP-B Eff

Lab Sample ID: 660-73580-3
Matrix: Water
Date Collected: 05/03/16 09:10
Date Received: 05/03/16 15:50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*05/04/16 11:27*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*05/04/16 11:27*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*05/04/16 11:27*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/04/16 15:02	1

Client Sample ID: AOP-C Eff

Lab Sample ID: 660-73580-4
Matrix: Water
Date Collected: 05/03/16 09:15
Date Received: 05/03/16 15:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.6**		1.0	0.52	ug/L			05/04/16 12:41	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/04/16 12:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/04/16 12:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/04/16 12:41	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/04/16 12:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/04/16 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*05/04/16 12:41*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*05/04/16 12:41*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*05/04/16 12:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/04/16 15:20	1

Client Sample ID: PGE

Lab Sample ID: 660-73580-5
Matrix: Water
Date Collected: 05/03/16 09:20
Date Received: 05/03/16 15:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.2**		1.0	0.52	ug/L			05/04/16 13:00	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/04/16 13:00	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/04/16 13:00	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/04/16 13:00	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/04/16 13:00	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/04/16 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*05/04/16 13:00*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*05/04/16 13:00*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*05/04/16 13:00*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/04/16 15:39	1

Client Sample ID: SGE

Lab Sample ID: 660-73580-6

Date Collected: 05/03/16 09:25

Matrix: Water

Date Received: 05/03/16 15:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			05/04/16 13:19	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/04/16 13:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/04/16 13:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/04/16 13:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/04/16 13:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/04/16 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*05/04/16 13:19*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*05/04/16 13:19*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*05/04/16 13:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/04/16 15:58	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-73580-7

Date Collected: 05/03/16 09:30

Matrix: Water

Date Received: 05/03/16 15:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			05/04/16 14:14	1
Benzene	0.50	U	1.0	0.50	ug/L			05/04/16 14:14	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			05/04/16 14:14	1
Bromoform	0.63	U	1.0	0.63	ug/L			05/04/16 14:14	1
Bromomethane	2.5	U	5.0	2.5	ug/L			05/04/16 14:14	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			05/04/16 14:14	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			05/04/16 14:14	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			05/04/16 14:14	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			05/04/16 14:14	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			05/04/16 14:14	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			05/04/16 14:14	1
Chloroethane	2.5	U	5.0	2.5	ug/L			05/04/16 14:14	1
Chloroform	0.90	U	1.0	0.90	ug/L			05/04/16 14:14	1
Chloromethane	1.0	U	4.0	1.0	ug/L			05/04/16 14:14	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			05/04/16 14:14	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			05/04/16 14:14	1
cis-1,2-Dichloroethene	**20**		1.0	0.65	ug/L			05/04/16 14:14	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			05/04/16 14:14	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			05/04/16 14:14	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			05/04/16 14:14	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			05/04/16 14:14	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			05/04/16 14:14	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			05/04/16 14:14	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			05/04/16 14:14	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			05/04/16 14:14	1
1,1-Dichloroethane	**7.7**		1.0	0.52	ug/L			05/04/16 14:14	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			05/04/16 14:14	1
1,1-Dichloroethene	**24**		1.0	0.67	ug/L			05/04/16 14:14	1

Client Sample ID: Combined Influent
Date Collected: 05/03/16 09:30
Date Received: 05/03/16 15:50

Lab Sample ID: 660-73580-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			05/04/16 14:14	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			05/04/16 14:14	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/04/16 14:14	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			05/04/16 14:14	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			05/04/16 14:14	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			05/04/16 14:14	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			05/04/16 14:14	1
2-Hexanone	4.4	U	10	4.4	ug/L			05/04/16 14:14	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			05/04/16 14:14	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			05/04/16 14:14	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			05/04/16 14:14	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			05/04/16 14:14	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			05/04/16 14:14	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			05/04/16 14:14	1
Naphthalene	2.5	U	5.0	2.5	ug/L			05/04/16 14:14	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			05/04/16 14:14	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			05/04/16 14:14	1
o-Xylene	0.50	U	1.0	0.50	ug/L			05/04/16 14:14	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			05/04/16 14:14	1
Styrene	0.98	U	2.0	0.98	ug/L			05/04/16 14:14	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			05/04/16 14:14	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			05/04/16 14:14	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			05/04/16 14:14	1
Tetrachloroethene	**9.0**		1.0	0.50	ug/L			05/04/16 14:14	1
Toluene	0.51	U	1.0	0.51	ug/L			05/04/16 14:14	1
trans-1,2-Dichloroethene	**0.70**	**I**	1.0	0.67	ug/L			05/04/16 14:14	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			05/04/16 14:14	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			05/04/16 14:14	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			05/04/16 14:14	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			05/04/16 14:14	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			05/04/16 14:14	1
Trichloroethene	**17**		1.0	0.61	ug/L			05/04/16 14:14	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			05/04/16 14:14	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			05/04/16 14:14	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			05/04/16 14:14	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			05/04/16 14:14	1
Vinyl chloride	**3.6**		1.0	0.71	ug/L			05/04/16 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*05/04/16 14:14*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*05/04/16 14:14*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*05/04/16 14:14*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**51**		2.0	1.0	ug/L			05/04/16 16:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-169180/7
Matrix: Water
Analysis Batch: 169180

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			05/04/16 10:41	1
Benzene	0.50	U	1.0	0.50	ug/L			05/04/16 10:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			05/04/16 10:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			05/04/16 10:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			05/04/16 10:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			05/04/16 10:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			05/04/16 10:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			05/04/16 10:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			05/04/16 10:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			05/04/16 10:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			05/04/16 10:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			05/04/16 10:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			05/04/16 10:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			05/04/16 10:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			05/04/16 10:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			05/04/16 10:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/04/16 10:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			05/04/16 10:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			05/04/16 10:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			05/04/16 10:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			05/04/16 10:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			05/04/16 10:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			05/04/16 10:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			05/04/16 10:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			05/04/16 10:41	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			05/04/16 10:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			05/04/16 10:41	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/04/16 10:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			05/04/16 10:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			05/04/16 10:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/04/16 10:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			05/04/16 10:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			05/04/16 10:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			05/04/16 10:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			05/04/16 10:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			05/04/16 10:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			05/04/16 10:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			05/04/16 10:41	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			05/04/16 10:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			05/04/16 10:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			05/04/16 10:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			05/04/16 10:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			05/04/16 10:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			05/04/16 10:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			05/04/16 10:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			05/04/16 10:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			05/04/16 10:41	1
Styrene	0.98	U	2.0	0.98	ug/L			05/04/16 10:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-169180/7
Matrix: Water
Analysis Batch: 169180

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			05/04/16 10:41	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			05/04/16 10:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			05/04/16 10:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/04/16 10:41	1
Toluene	0.51	U	1.0	0.51	ug/L			05/04/16 10:41	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/04/16 10:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			05/04/16 10:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			05/04/16 10:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			05/04/16 10:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			05/04/16 10:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			05/04/16 10:41	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/04/16 10:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			05/04/16 10:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			05/04/16 10:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			05/04/16 10:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			05/04/16 10:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/04/16 10:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*05/04/16 10:41*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*05/04/16 10:41*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*05/04/16 10:41*	*1*

Lab Sample ID: LCS 660-169180/4
Matrix: Water
Analysis Batch: 169180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	112		ug/L		112	62 - 142
Benzene	10.0	10.4		ug/L		104	68 - 134
Bromobenzene	10.0	10.5		ug/L		105	70 - 130
Bromoform	10.0	10.8		ug/L		108	65 - 130
Bromomethane	10.0	6.90		ug/L		69	22 - 150
2-Butanone (MEK)	100	111		ug/L		111	63 - 140
Carbon disulfide	10.0	11.4		ug/L		114	30 - 150
Carbon tetrachloride	10.0	10.5		ug/L		105	61 - 134
Chlorobenzene	10.0	10.0		ug/L		100	70 - 130
Chlorobromomethane	10.0	10.1		ug/L		101	70 - 130
Chlorodibromomethane	10.0	10.3		ug/L		103	70 - 130
Chloroethane	10.0	11.0		ug/L		110	39 - 150
Chloroform	10.0	10.0		ug/L		100	68 - 130
Chloromethane	10.0	11.2		ug/L		112	35 - 150
2-Chlorotoluene	10.0	10.5		ug/L		105	70 - 130
4-Chlorotoluene	10.0	10.5		ug/L		105	70 - 130
cis-1,2-Dichloroethene	10.0	10.6		ug/L		106	66 - 130
cis-1,3-Dichloropropene	10.0	10.5		ug/L		105	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	11.4		ug/L		114	63 - 130
Dibromomethane	10.0	10.3		ug/L		103	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-169180/4
Matrix: Water
Analysis Batch: 169180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,3-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,4-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130
Dichlorobromomethane	10.0	10.1		ug/L		101	70 - 130
Dichlorodifluoromethane	10.0	7.76		ug/L		78	16 - 149
1,1-Dichloroethane	10.0	10.3		ug/L		103	66 - 130
1,2-Dichloroethane	10.0	10.0		ug/L		100	70 - 130
1,1-Dichloroethene	10.0	10.8		ug/L		108	51 - 150
1,2-Dichloropropane	10.0	10.4		ug/L		104	70 - 130
1,3-Dichloropropane	10.0	10.2		ug/L		102	70 - 130
2,2-Dichloropropane	10.0	10.1		ug/L		101	66 - 134
1,1-Dichloropropene	10.0	10.5		ug/L		105	65 - 136
Ethylbenzene	10.0	10.3		ug/L		103	70 - 130
Ethylene Dibromide	10.0	10.8		ug/L		108	66 - 130
Hexachlorobutadiene	10.0	11.2		ug/L		112	62 - 143
2-Hexanone	100	110		ug/L		110	60 - 148
Isopropylbenzene	10.0	10.3		ug/L		103	62 - 130
4-Isopropyltoluene	10.0	10.6		ug/L		106	65 - 134
Methylene Chloride	10.0	11.0		ug/L		110	57 - 130
4-Methyl-2-pentanone (MIBK)	100	107		ug/L		107	64 - 137
Methyl tert-butyl ether	10.0	10.3		ug/L		103	67 - 130
Naphthalene	10.0	11.0		ug/L		110	50 - 136
n-Butylbenzene	10.0	10.6		ug/L		106	61 - 131
N-Propylbenzene	10.0	10.5		ug/L		105	67 - 130
o-Xylene	10.0	10.0		ug/L		100	69 - 130
sec-Butylbenzene	10.0	10.8		ug/L		108	68 - 133
Styrene	10.0	10.6		ug/L		106	68 - 131
tert-Butylbenzene	10.0	10.6		ug/L		106	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.99		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.9		ug/L		109	70 - 130
Tetrachloroethene	10.0	9.59		ug/L		96	50 - 143
Toluene	10.0	9.64		ug/L		96	70 - 131
trans-1,2-Dichloroethene	10.0	11.4		ug/L		114	62 - 139
trans-1,3-Dichloropropene	10.0	9.94		ug/L		99	67 - 130
1,2,3-Trichlorobenzene	10.0	10.9		ug/L		109	58 - 132
1,2,4-Trichlorobenzene	10.0	10.6		ug/L		106	66 - 130
1,1,1-Trichloroethane	10.0	10.0		ug/L		100	63 - 132
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	70 - 130
Trichloroethene	10.0	10.6		ug/L		106	63 - 139
Trichlorofluoromethane	10.0	10.1		ug/L		101	62 - 146
1,2,3-Trichloropropane	10.0	10.5		ug/L		105	66 - 130
1,2,4-Trimethylbenzene	10.0	10.2		ug/L		102	70 - 132
1,3,5-Trimethylbenzene	10.0	10.4		ug/L		104	65 - 134
Vinyl chloride	10.0	11.2		ug/L		112	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-169180/4
Matrix: Water
Analysis Batch: 169180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 660-169180/5
Matrix: Water
Analysis Batch: 169180

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	120		ug/L		120	62 - 142	7	30
Benzene			10.0	10.7		ug/L		107	68 - 134	3	30
Bromobenzene			10.0	10.7		ug/L		107	70 - 130	2	30
Bromoform			10.0	10.4		ug/L		104	65 - 130	3	30
Bromomethane			10.0	7.34		ug/L		73	22 - 150	6	30
2-Butanone (MEK)			100	116		ug/L		116	63 - 140	4	30
Carbon disulfide			10.0	11.4		ug/L		114	30 - 150	0	30
Carbon tetrachloride			10.0	10.8		ug/L		108	61 - 134	3	30
Chlorobenzene			10.0	10.3		ug/L		103	70 - 130	2	30
Chlorobromomethane			10.0	10.5		ug/L		105	70 - 130	4	30
Chlorodibromomethane			10.0	10.6		ug/L		106	70 - 130	3	30
Chloroethane			10.0	11.5		ug/L		115	39 - 150	4	30
Chloroform			10.0	10.3		ug/L		103	68 - 130	3	30
Chloromethane			10.0	11.2		ug/L		112	35 - 150	0	30
2-Chlorotoluene			10.0	10.5		ug/L		105	70 - 130	0	30
4-Chlorotoluene			10.0	10.7		ug/L		107	70 - 130	2	30
cis-1,2-Dichloroethene			10.0	11.1		ug/L		111	66 - 130	4	30
cis-1,3-Dichloropropene			10.0	10.7		ug/L		107	70 - 130	2	30
1,2-Dibromo-3-Chloropropane			10.0	11.5		ug/L		115	63 - 130	1	30
Dibromomethane			10.0	10.6		ug/L		106	70 - 130	3	30
1,2-Dichlorobenzene			10.0	10.7		ug/L		107	70 - 130	2	30
1,3-Dichlorobenzene			10.0	10.5		ug/L		105	70 - 130	0	30
1,4-Dichlorobenzene			10.0	10.7		ug/L		107	70 - 130	3	30
Dichlorobromomethane			10.0	10.5		ug/L		105	70 - 130	5	30
Dichlorodifluoromethane			10.0	8.30		ug/L		83	16 - 149	7	30
1,1-Dichloroethane			10.0	10.9		ug/L		109	66 - 130	5	30
1,2-Dichloroethane			10.0	10.4		ug/L		104	70 - 130	3	30
1,1-Dichloroethene			10.0	11.1		ug/L		111	51 - 150	3	30
1,2-Dichloropropane			10.0	10.8		ug/L		108	70 - 130	3	30
1,3-Dichloropropane			10.0	10.7		ug/L		107	70 - 130	5	30
2,2-Dichloropropane			10.0	10.6		ug/L		106	66 - 134	5	30
1,1-Dichloropropene			10.0	10.8		ug/L		108	65 - 136	2	30
Ethylbenzene			10.0	10.5		ug/L		105	70 - 130	2	30
Ethylene Dibromide			10.0	11.0		ug/L		110	66 - 130	2	30
Hexachlorobutadiene			10.0	11.3		ug/L		113	62 - 143	1	30
2-Hexanone			100	114		ug/L		114	60 - 148	3	30
Isopropylbenzene			10.0	10.6		ug/L		106	62 - 130	3	30
4-Isopropyltoluene			10.0	10.5		ug/L		105	65 - 134	1	30
Methylene Chloride			10.0	11.4		ug/L		114	57 - 130	4	30
4-Methyl-2-pentanone (MIBK)			100	111		ug/L		111	64 - 137	4	30
Methyl tert-butyl ether			10.0	10.3		ug/L		103	67 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-169180/5
Matrix: Water
Analysis Batch: 169180

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	11.1		ug/L		111	50 - 136	1	30
n-Butylbenzene			10.0	10.5		ug/L		105	61 - 131	0	30
N-Propylbenzene			10.0	10.8		ug/L		108	67 - 130	2	30
o-Xylene			10.0	10.4		ug/L		104	69 - 130	4	30
sec-Butylbenzene			10.0	10.9		ug/L		109	68 - 133	1	30
Styrene			10.0	10.9		ug/L		109	68 - 131	3	30
tert-Butylbenzene			10.0	10.7		ug/L		107	64 - 130	1	30
1,1,1,2-Tetrachloroethane			10.0	9.96		ug/L		100	70 - 130	0	30
1,1,2,2-Tetrachloroethane			10.0	11.2		ug/L		112	70 - 130	3	30
Tetrachloroethene			10.0	9.97		ug/L		100	50 - 143	4	30
Toluene			10.0	10.4		ug/L		104	70 - 131	7	30
trans-1,2-Dichloroethene			10.0	11.5		ug/L		115	62 - 139	1	30
trans-1,3-Dichloropropene			10.0	10.4		ug/L		104	67 - 130	4	30
1,2,3-Trichlorobenzene			10.0	10.9		ug/L		109	58 - 132	0	30
1,2,4-Trichlorobenzene			10.0	11.0		ug/L		110	66 - 130	4	30
1,1,1-Trichloroethane			10.0	10.5		ug/L		105	63 - 132	5	30
1,1,2-Trichloroethane			10.0	10.5		ug/L		105	70 - 130	3	30
Trichloroethene			10.0	10.6		ug/L		106	63 - 139	0	30
Trichlorofluoromethane			10.0	10.4		ug/L		104	62 - 146	3	30
1,2,3-Trichloropropane			10.0	10.1		ug/L		101	66 - 130	5	30
1,2,4-Trimethylbenzene			10.0	10.3		ug/L		103	70 - 132	0	30
1,3,5-Trimethylbenzene			10.0	10.3		ug/L		103	65 - 134	1	30
Vinyl chloride			10.0	10.9		ug/L		109	48 - 147	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-73580-3 MS
Matrix: Water
Analysis Batch: 169180

Client Sample ID: AOP-B Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	23		100	128		ug/L		105	62 - 142
Benzene	0.50	U	10.0	10.1		ug/L		101	68 - 134
Bromobenzene	0.58	U	10.0	10.1		ug/L		101	70 - 130
Bromoform	0.63	U	10.0	10.9		ug/L		109	65 - 130
Bromomethane	2.5	U	10.0	5.64		ug/L		56	22 - 150
2-Butanone (MEK)	8.4	U	100	110		ug/L		110	63 - 140
Carbon disulfide	1.0	U	10.0	9.87		ug/L		99	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.56		ug/L		96	61 - 134
Chlorobenzene	0.63	U	10.0	9.98		ug/L		100	70 - 130
Chlorobromomethane	0.58	U	10.0	10.4		ug/L		104	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.4		ug/L		104	70 - 130
Chloroethane	2.5	U	10.0	8.89		ug/L		89	39 - 150
Chloroform	0.90	U	10.0	9.48		ug/L		95	68 - 130
Chloromethane	1.0	U	10.0	9.00		ug/L		90	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73580-3 MS
Matrix: Water
Analysis Batch: 169180

Client Sample ID: AOP-B Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	9.94		ug/L		99	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.94		ug/L		99	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.4		ug/L		104	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	10.1		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	12.6		ug/L		126	63 - 130
Dibromomethane	0.46	U	10.0	10.5		ug/L		105	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.4		ug/L		104	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.2		ug/L		102	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.0		ug/L		100	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.3		ug/L		103	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	6.26		ug/L		63	16 - 149
1,1-Dichloroethane	3.7		10.0	13.3		ug/L		96	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.91		ug/L		99	70 - 130
1,1-Dichloroethene	0.67	U	10.0	9.81		ug/L		98	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.8		ug/L		108	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.5		ug/L		105	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.47		ug/L		95	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.64		ug/L		96	65 - 136
Ethylbenzene	0.44	U	10.0	9.59		ug/L		96	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.1		ug/L		111	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.0		ug/L		100	62 - 143
2-Hexanone	4.4	U	100	108		ug/L		108	60 - 148
Isopropylbenzene	0.52	U	10.0	9.80		ug/L		98	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.76		ug/L		98	65 - 134
Methylene Chloride	4.0	U	10.0	9.89		ug/L		99	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	106		ug/L		106	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.3		ug/L		103	67 - 130
Naphthalene	2.5	U	10.0	10.9		ug/L		109	50 - 136
n-Butylbenzene	0.67	U	10.0	9.60		ug/L		96	61 - 131
N-Propylbenzene	0.59	U	10.0	9.83		ug/L		98	67 - 130
o-Xylene	0.50	U	10.0	9.75		ug/L		97	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.77		ug/L		98	68 - 133
Styrene	0.98	U	10.0	10.2		ug/L		102	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.80		ug/L		98	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.63		ug/L		96	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	11.2		ug/L		112	70 - 130
Tetrachloroethene	0.50	U	10.0	8.89		ug/L		89	50 - 143
Toluene	0.51	U	10.0	9.57		ug/L		96	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.6		ug/L		106	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.85		ug/L		99	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.6		ug/L		106	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.4		ug/L		104	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.49		ug/L		95	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.5		ug/L		105	70 - 130
Trichloroethene	0.61	U	10.0	9.83		ug/L		98	63 - 139
Trichlorofluoromethane	2.5	U	10.0	8.08		ug/L		81	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.5		ug/L		105	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.76		ug/L		98	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73580-3 MS
Matrix: Water
Analysis Batch: 169180

Client Sample ID: AOP-B Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	9.58		ug/L		96	65 - 134
Vinyl chloride	0.71	U	10.0	8.86		ug/L		89	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 660-73580-2 DU
Matrix: Water
Analysis Batch: 169180

Client Sample ID: AOP-A Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	17	I	20.9		ug/L		18	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	3.8		3.64		ug/L		4	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73580-2 DU
Matrix: Water
Analysis Batch: 169180

Client Sample ID: AOP-A Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-169192/7
Matrix: Water
Analysis Batch: 169192

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/04/16 13:09	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-169192/4
Matrix: Water
Analysis Batch: 169192

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	10.5		ug/L		105	50 - 150		

Lab Sample ID: LCSD 660-169192/5
Matrix: Water
Analysis Batch: 169192

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	9.31		ug/L		93	50 - 150	12	50

Lab Sample ID: 660-73581-C-1 MS
Matrix: Water
Analysis Batch: 169192

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	8.09		ug/L		81	50 - 150		

Lab Sample ID: 660-73581-C-1 MSD
Matrix: Water
Analysis Batch: 169192

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	8.63		ug/L		86	50 - 150	6	50

GC/MS VOA

Analysis Batch: 169180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73580-1	AOP Feed	Total/NA	Water	8260B	
660-73580-2	AOP-A Eff	Total/NA	Water	8260B	
660-73580-2 DU	AOP-A Eff	Total/NA	Water	8260B	
660-73580-3	AOP-B Eff	Total/NA	Water	8260B	
660-73580-3 MS	AOP-B Eff	Total/NA	Water	8260B	
660-73580-4	AOP-C Eff	Total/NA	Water	8260B	
660-73580-5	PGE	Total/NA	Water	8260B	
660-73580-6	SGE	Total/NA	Water	8260B	
660-73580-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-169180/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-169180/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-169180/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 169192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73580-1	AOP Feed	Total/NA	Water	8260C SIM	
660-73580-2	AOP-A Eff	Total/NA	Water	8260C SIM	
660-73580-3	AOP-B Eff	Total/NA	Water	8260C SIM	
660-73580-4	AOP-C Eff	Total/NA	Water	8260C SIM	
660-73580-5	PGE	Total/NA	Water	8260C SIM	
660-73580-6	SGE	Total/NA	Water	8260C SIM	
660-73580-7	Combined Influent	Total/NA	Water	8260C SIM	
660-73581-C-1 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-73581-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	
LCS 660-169192/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-169192/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-169192/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: AOP Feed
Date Collected: 05/03/16 09:00
Date Received: 05/03/16 15:50

Lab Sample ID: 660-73580-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169180	05/04/16 13:55	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169192	05/04/16 16:17	TGP	TAL TAM

Client Sample ID: AOP-A Eff
Date Collected: 05/03/16 09:05
Date Received: 05/03/16 15:50

Lab Sample ID: 660-73580-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169180	05/04/16 11:08	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169192	05/04/16 14:43	TGP	TAL TAM

Client Sample ID: AOP-B Eff
Date Collected: 05/03/16 09:10
Date Received: 05/03/16 15:50

Lab Sample ID: 660-73580-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169180	05/04/16 11:27	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169192	05/04/16 15:02	TGP	TAL TAM

Client Sample ID: AOP-C Eff
Date Collected: 05/03/16 09:15
Date Received: 05/03/16 15:50

Lab Sample ID: 660-73580-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169180	05/04/16 12:41	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169192	05/04/16 15:20	TGP	TAL TAM

Client Sample ID: PGE
Date Collected: 05/03/16 09:20
Date Received: 05/03/16 15:50

Lab Sample ID: 660-73580-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169180	05/04/16 13:00	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169192	05/04/16 15:39	TGP	TAL TAM

Client Sample ID: SGE
Date Collected: 05/03/16 09:25
Date Received: 05/03/16 15:50

Lab Sample ID: 660-73580-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169180	05/04/16 13:19	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73580-1

Client Sample ID: SGE

Lab Sample ID: 660-73580-6

Date Collected: 05/03/16 09:25
Matrix: Water
Date Received: 05/03/16 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	169192	05/04/16 15:58	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-73580-7

Date Collected: 05/03/16 09:30
Matrix: Water
Date Received: 05/03/16 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169180	05/04/16 14:14	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169192	05/04/16 16:38	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73580-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:

Address: 1600 Tallevast Rd
City: Sarasota
State, Zip: FL, 34243
Phone: 941-929-8747
Email: Darrin.Johnson@aecom.com
Project Name: Process Sampling
Site: Tallevast

Due Date Requested:
TAT Requested (days): 48 hour turn
PO # 73752ACM - Lew Davies
Project and task - 60480333 09.01
WO #:
Project #:
SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A			
AOP Feed	5/3/16	9:00	G	Water	N	N	2	2			150 gpm
AOP-A Eff	5/3/16	9:05	G	Water	N	N	2	2			AOPs at 62, 50, 40
AOP-B Eff	5/3/16	9:10	G	Water	N	N	2	2			H2O2 at 40 mg/L
AOP-C Eff	5/3/16	9:15	G	Water	N	N	2	2			FIT-100 - 215,035,900
PGE	5/3/16	9:20	G	Water	N	N	2	2			
SGE	5/3/16	9:25	G	Water	N	N	2	2			
Combined Influent	5/3/16	9:30	G	Water	N	N		2	2		

660-73580 Chain of Custody

Loc: 660
73580

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 5-2-16 1400	Company AECOM
Relinquished by:	Date/Time: 5-3-16 1405	Company AECOM	Received by:	Date/Time: 5-3-16 1405	Company TA TPA
Relinquished by:	Date/Time: 5-3-16 1550	Company TA TPA	Received by:	Date/Time: 5/3/16 1550	Company TA TPA

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.1/2.0 ar-09

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5/5/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-73580-1

Login Number: 73580
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73580-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-73581-1
Client Project/Site: Tallevast POTW Effluent Compliance

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
5/5/2016 4:05:57 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

Links

Review your project results through TotalAccess

Have a Question? Ask The Expert

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-73581-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-73581-1

Comments
No additional comments.

Receipt
The sample was received on 5/3/2016 3:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-73581-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-73581-1	POTW Effluent	Water	05/03/16 10:00	05/03/16 15:50

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-73581-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
6010B	Metals (ICP)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-73581-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-73581-1

Client Sample ID: POTW Effluent

Lab Sample ID: 660-73581-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	73	J3	0.50	0.31	mg/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: POTW Effluent — Lab Sample ID: 660-73581-1

Date Collected: 05/03/16 10:00 **Matrix: Water**
Date Received: 05/03/16 15:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			05/04/16 13:37	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/04/16 13:37	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/04/16 13:37	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/04/16 13:37	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/04/16 13:37	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/04/16 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*05/04/16 13:37*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*05/04/16 13:37*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*05/04/16 13:37*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/04/16 13:29	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		05/04/16 12:26	05/05/16 09:23	1
Arsenic	4.0	U	10	4.0	ug/L		05/04/16 12:26	05/05/16 09:23	1
Beryllium	0.50	U	2.0	0.50	ug/L		05/04/16 12:26	05/05/16 09:23	1
Cadmium	1.0	U	4.0	1.0	ug/L		05/04/16 12:26	05/05/16 09:23	1
Chromium	2.0	U	10	2.0	ug/L		05/04/16 12:26	05/05/16 09:23	1
Copper	2.5	U	10	2.5	ug/L		05/04/16 12:26	05/05/16 09:23	1
Lead	2.2	U	10	2.2	ug/L		05/04/16 12:26	05/05/16 09:23	1
Molybdenum	6.4	U	15	6.4	ug/L		05/04/16 12:26	05/05/16 09:23	1
Nickel	2.0	U	8.0	2.0	ug/L		05/04/16 12:26	05/05/16 09:23	1
Sodium	**73**	**J3**	0.50	0.31	mg/L		05/04/16 12:26	05/05/16 09:23	1
Zinc	5.0	U	20	5.0	ug/L		05/04/16 12:26	05/05/16 09:23	1
Iron	0.050	U	0.20	0.050	mg/L		05/04/16 12:26	05/05/16 09:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-169180/7
Matrix: Water
Analysis Batch: 169180

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			05/04/16 10:41	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/04/16 10:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/04/16 10:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/04/16 10:41	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/04/16 10:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/04/16 10:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*05/04/16 10:41*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*05/04/16 10:41*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*05/04/16 10:41*	*1*

Lab Sample ID: LCS 660-169180/4
Matrix: Water
Analysis Batch: 169180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			10.0	10.3		ug/L		103	66 - 130		
1,1-Dichloroethene			10.0	10.8		ug/L		108	51 - 150		
cis-1,2-Dichloroethene			10.0	10.6		ug/L		106	66 - 130		
Tetrachloroethene			10.0	9.59		ug/L		96	50 - 143		
Trichloroethene			10.0	10.6		ug/L		106	63 - 139		
Vinyl chloride			10.0	11.2		ug/L		112	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 660-169180/5
Matrix: Water
Analysis Batch: 169180

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane			10.0	10.9		ug/L		109	66 - 130	5	30
1,1-Dichloroethene			10.0	11.1		ug/L		111	51 - 150	3	30
cis-1,2-Dichloroethene			10.0	11.1		ug/L		111	66 - 130	4	30
Tetrachloroethene			10.0	9.97		ug/L		100	50 - 143	4	30
Trichloroethene			10.0	10.6		ug/L		106	63 - 139	0	30
Vinyl chloride			10.0	10.9		ug/L		109	48 - 147	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73580-B-3 MS
Matrix: Water
Analysis Batch: 169180

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	3.7		10.0	13.3		ug/L		96	66 - 130
1,1-Dichloroethene	0.67	U	10.0	9.81		ug/L		98	51 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	10.4		ug/L		104	66 - 130
Tetrachloroethene	0.50	U	10.0	8.89		ug/L		89	50 - 143
Trichloroethene	0.61	U	10.0	9.83		ug/L		98	63 - 139
Vinyl chloride	0.71	U	10.0	8.86		ug/L		89	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 660-73580-C-2 DU
Matrix: Water
Analysis Batch: 169180

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	3.8		3.64		ug/L		4	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-169192/7
Matrix: Water
Analysis Batch: 169192

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/04/16 13:09	1

Lab Sample ID: LCS 660-169192/4
Matrix: Water
Analysis Batch: 169192

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	10.5		ug/L		105	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-169192/5
Matrix: Water
Analysis Batch: 169192

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	9.31		ug/L		93	50 - 150	12	50

Lab Sample ID: 660-73581-1 MS
Matrix: Water
Analysis Batch: 169192

Client Sample ID: POTW Effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	8.09		ug/L		81	50 - 150

Lab Sample ID: 660-73581-1 MSD
Matrix: Water
Analysis Batch: 169192

Client Sample ID: POTW Effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	8.63		ug/L		86	50 - 150	6	50

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-169203/1-A
Matrix: Water
Analysis Batch: 169231

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 169203

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		05/04/16 12:26	05/05/16 09:14	1
Arsenic	4.0	U	10	4.0	ug/L		05/04/16 12:26	05/05/16 09:14	1
Beryllium	0.50	U	2.0	0.50	ug/L		05/04/16 12:26	05/05/16 09:14	1
Cadmium	1.0	U	4.0	1.0	ug/L		05/04/16 12:26	05/05/16 09:14	1
Chromium	2.0	U	10	2.0	ug/L		05/04/16 12:26	05/05/16 09:14	1
Copper	2.5	U	10	2.5	ug/L		05/04/16 12:26	05/05/16 09:14	1
Lead	2.2	U	10	2.2	ug/L		05/04/16 12:26	05/05/16 09:14	1
Molybdenum	6.4	U	15	6.4	ug/L		05/04/16 12:26	05/05/16 09:14	1
Nickel	2.0	U	8.0	2.0	ug/L		05/04/16 12:26	05/05/16 09:14	1
Sodium	0.31	U	0.50	0.31	mg/L		05/04/16 12:26	05/05/16 09:14	1
Zinc	5.0	U	20	5.0	ug/L		05/04/16 12:26	05/05/16 09:14	1
Iron	0.050	U	0.20	0.050	mg/L		05/04/16 12:26	05/05/16 09:14	1

Lab Sample ID: LCS 660-169203/2-A
Matrix: Water
Analysis Batch: 169231

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 169203

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum			1000	1000		ug/L		100	80 - 120
Arsenic			1000	976		ug/L		98	80 - 120
Beryllium			1000	1010		ug/L		101	80 - 120
Cadmium			1000	1000		ug/L		100	80 - 120
Chromium			1000	1020		ug/L		102	80 - 120
Copper			1000	1000		ug/L		100	80 - 120
Lead			1000	1050		ug/L		105	80 - 120
Molybdenum			1000	1030		ug/L		103	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 660-169203/2-A
Matrix: Water
Analysis Batch: 169231

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 169203

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	1000	1020		ug/L		102	80 - 120
Sodium	10.0	10.2		mg/L		102	80 - 120
Zinc	1000	1030		ug/L		103	80 - 120
Iron	1.00	1.03		mg/L		103	80 - 120

Lab Sample ID: 660-73581-1 MS
Matrix: Water
Analysis Batch: 169231

Client Sample ID: POTW Effluent
Prep Type: Total Recoverable
Prep Batch: 169203

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	50	U	1000	1020		ug/L		102	80 - 120
Arsenic	4.0	U	1000	1030		ug/L		103	80 - 120
Beryllium	0.50	U	1000	1020		ug/L		102	80 - 120
Cadmium	1.0	U	1000	1020		ug/L		102	80 - 120
Chromium	2.0	U	1000	1010		ug/L		101	80 - 120
Copper	2.5	U	1000	1000		ug/L		100	80 - 120
Lead	2.2	U	1000	1010		ug/L		101	80 - 120
Molybdenum	6.4	U	1000	1050		ug/L		105	80 - 120
Nickel	2.0	U	1000	981		ug/L		98	80 - 120
Sodium	73	J3	10.0	89.5	J3	mg/L		164	80 - 120
Zinc	5.0	U	1000	1050		ug/L		105	80 - 120
Iron	0.050	U	1.00	1.01		mg/L		101	80 - 120

Lab Sample ID: 660-73581-1 MSD
Matrix: Water
Analysis Batch: 169231

Client Sample ID: POTW Effluent
Prep Type: Total Recoverable
Prep Batch: 169203

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	50	U	1000	998		ug/L		100	80 - 120	2	20
Arsenic	4.0	U	1000	1010		ug/L		101	80 - 120	2	20
Beryllium	0.50	U	1000	1010		ug/L		101	80 - 120	1	20
Cadmium	1.0	U	1000	1000		ug/L		100	80 - 120	2	20
Chromium	2.0	U	1000	994		ug/L		99	80 - 120	2	20
Copper	2.5	U	1000	987		ug/L		99	80 - 120	1	20
Lead	2.2	U	1000	990		ug/L		99	80 - 120	2	20
Molybdenum	6.4	U	1000	1030		ug/L		103	80 - 120	2	20
Nickel	2.0	U	1000	962		ug/L		96	80 - 120	2	20
Sodium	73	J3	10.0	89.3	J3	mg/L		162	80 - 120	0	20
Zinc	5.0	U	1000	1030		ug/L		103	80 - 120	2	20
Iron	0.050	U	1.00	0.996		mg/L		100	80 - 120	2	20

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-73581-1

GC/MS VOA

Analysis Batch: 169180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73580-B-3 MS	Matrix Spike	Total/NA	Water	8260B	
660-73580-C-2 DU	Duplicate	Total/NA	Water	8260B	
660-73581-1	POTW Effluent	Total/NA	Water	8260B	
LCS 660-169180/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-169180/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-169180/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 169192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73581-1	POTW Effluent	Total/NA	Water	8260C SIM	
660-73581-1 MS	POTW Effluent	Total/NA	Water	8260C SIM	
660-73581-1 MSD	POTW Effluent	Total/NA	Water	8260C SIM	
LCS 660-169192/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-169192/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-169192/7	Method Blank	Total/NA	Water	8260C SIM	

Metals

Prep Batch: 169203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73581-1	POTW Effluent	Total Recoverable	Water	3005A	
660-73581-1 MS	POTW Effluent	Total Recoverable	Water	3005A	
660-73581-1 MSD	POTW Effluent	Total Recoverable	Water	3005A	
LCS 660-169203/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 660-169203/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 169231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73581-1	POTW Effluent	Total Recoverable	Water	6010B	169203
660-73581-1 MS	POTW Effluent	Total Recoverable	Water	6010B	169203
660-73581-1 MSD	POTW Effluent	Total Recoverable	Water	6010B	169203
LCS 660-169203/2-A	Lab Control Sample	Total Recoverable	Water	6010B	169203
MB 660-169203/1-A	Method Blank	Total Recoverable	Water	6010B	169203

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-73581-1

Client Sample ID: POTW Effluent

Date Collected: 05/03/16 10:00
Date Received: 05/03/16 15:50

Lab Sample ID: 660-73581-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169180	05/04/16 13:37	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169192	05/04/16 13:29	TGP	TAL TAM
Total Recoverable	Prep	3005A			169203	05/04/16 12:26	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1	169231	05/05/16 09:23	GAF	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-73581-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamerica.com		Page: Page 1 of 1
Company: AECOM		Analysis Requested		Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			Preservation Codes:
City: Sarasota	TAT Requested (days): 48 hour turn			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #:73752ACM - Lew Davies 60480333 09.01			Other:
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: POTW Effluent Compliance	Project #:			
Site: Tallevast	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	6010B metals	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A			
POTW Effluent	5/3/16	10:00	G/C	Water	N	N	2	2	1		The 6010B 12 metals are: Al, As, Be, Cd, Cr, Cu, Ni, Pb, Zn, Na, Mo, Fe
											ph 6.74
											temp 97.2° F

Loc: 660
73581
660-73581 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by.	Date:	Time:	Method of Shipment.

Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company
				5-2-16 1400	AECOM
Relinquished by:	Date/Time: 5-3-16 1405	Company AECOM	Received by:	Date/Time: 5-3-16 @ 1405	Company TA TPA
Relinquished by:	Date/Time: 5-3-16 @ 1550	Company TA TPA	Received by:	Date/Time: 5/3/16 1550	Company TA TPA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.2/2.0 w/ice

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5/5/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-73581-1

Login Number: 73581
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent Compliance

TestAmerica Job ID: 660-73581-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
6010B	Metals (ICP)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-73766-1
Client Project/Site: Tallevast

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
5/17/2016 3:31:20 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Method Summary 21

Job ID: 660-73766-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-73766-1

Comments
No additional comments.

Receipt
The samples were received on 5/11/2016 3:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-73766-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-73766-1	AOP Feed 40	Water	05/10/16 09:00	05/11/16 15:05
660-73766-2	Comb AOP Eff 40	Water	05/10/16 09:05	05/11/16 15:05
660-73766-3	Comb AOP Eff 50	Water	05/10/16 10:00	05/11/16 15:05
660-73766-4	Comb AOP Eff 60	Water	05/10/16 11:00	05/11/16 15:05
660-73766-5	Comb AOP Eff 70	Water	05/10/16 12:00	05/11/16 15:05
660-73766-6	Comb AOP Eff 80	Water	05/10/16 13:00	05/11/16 15:05
660-73766-7	Comb AOP Eff 90	Water	05/10/16 14:05	05/11/16 15:05
660-73766-8	AOP Feed 90	Water	05/10/16 14:00	05/11/16 15:05

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-73766-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-73766-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-73766-1

Client Sample ID: AOP Feed 40 — Lab Sample ID: 660-73766-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	12		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	10		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	44		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Comb AOP Eff 40 — Lab Sample ID: 660-73766-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.72	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.1	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Comb AOP Eff 50 — Lab Sample ID: 660-73766-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.4	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Comb AOP Eff 60 — Lab Sample ID: 660-73766-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.5		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.51	I	1.0	0.50	ug/L	1		8260B	Total/NA

Client Sample ID: Comb AOP Eff 70 — Lab Sample ID: 660-73766-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: Comb AOP Eff 80 — Lab Sample ID: 660-73766-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: Comb AOP Eff 90 — Lab Sample ID: 660-73766-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP Feed 90 — Lab Sample ID: 660-73766-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	10		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-73766-1

Client Sample ID: AOP Feed 90 (Continued)

Lab Sample ID: 660-73766-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	1.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	46		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed 40

Lab Sample ID: 660-73766-1
Date Collected: 05/10/16 09:00
Matrix: Water
Date Received: 05/11/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.3**		1.0	0.52	ug/L			05/16/16 14:38	1
1,1-Dichloroethene	**10**		1.0	0.67	ug/L			05/16/16 14:38	1
cis-1,2-Dichloroethene	**12**		1.0	0.65	ug/L			05/16/16 14:38	1
Tetrachloroethene	**10**		1.0	0.50	ug/L			05/16/16 14:38	1
Trichloroethene	**12**		1.0	0.61	ug/L			05/16/16 14:38	1
Vinyl chloride	**1.6**		1.0	0.71	ug/L			05/16/16 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*05/16/16 14:38*	*1*
Dibromofluoromethane	*116*		*70 - 130*		*05/16/16 14:38*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*05/16/16 14:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**44**		2.0	1.0	ug/L			05/13/16 16:35	1

Client Sample ID: Comb AOP Eff 40

Lab Sample ID: 660-73766-2
Date Collected: 05/10/16 09:05
Matrix: Water
Date Received: 05/11/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			05/16/16 16:10	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/16/16 16:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/16/16 16:10	1
Tetrachloroethene	**0.72**	**I**	1.0	0.50	ug/L			05/16/16 16:10	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/16/16 16:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/16/16 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*05/16/16 16:10*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*05/16/16 16:10*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*05/16/16 16:10*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.1**	**I**	2.0	1.0	ug/L			05/13/16 13:48	1

Client Sample ID: Comb AOP Eff 50

Lab Sample ID: 660-73766-3
Date Collected: 05/10/16 10:00
Matrix: Water
Date Received: 05/11/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.5**		1.0	0.52	ug/L			05/16/16 16:29	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/16/16 16:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/16/16 16:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/16/16 16:29	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/16/16 16:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/16/16 16:29	1

Client Sample ID: Comb AOP Eff 50

Lab Sample ID: 660-73766-3
Matrix: Water
Date Collected: 05/10/16 10:00
Date Received: 05/11/16 15:05

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*05/16/16 16:29*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*05/16/16 16:29*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*05/16/16 16:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.4**	**I**	2.0	1.0	ug/L			05/13/16 15:02	1

Client Sample ID: Comb AOP Eff 60

Lab Sample ID: 660-73766-4
Matrix: Water
Date Collected: 05/10/16 11:00
Date Received: 05/11/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.5**		1.0	0.52	ug/L			05/16/16 16:47	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/16/16 16:47	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/16/16 16:47	1
Tetrachloroethene	**0.51**	**I**	1.0	0.50	ug/L			05/16/16 16:47	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/16/16 16:47	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/16/16 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*05/16/16 16:47*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*05/16/16 16:47*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*05/16/16 16:47*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/13/16 15:21	1

Client Sample ID: Comb AOP Eff 70

Lab Sample ID: 660-73766-5
Matrix: Water
Date Collected: 05/10/16 12:00
Date Received: 05/11/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			05/16/16 17:06	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/16/16 17:06	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/16/16 17:06	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/16/16 17:06	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/16/16 17:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/16/16 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*05/16/16 17:06*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*05/16/16 17:06*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*05/16/16 17:06*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/13/16 15:39	1

Client Sample ID: Comb AOP Eff 80

Lab Sample ID: 660-73766-6
Date Collected: 05/10/16 13:00
Matrix: Water
Date Received: 05/11/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			05/16/16 17:24	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/16/16 17:24	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/16/16 17:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/16/16 17:24	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/16/16 17:24	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/16/16 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*05/16/16 17:24*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*05/16/16 17:24*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*05/16/16 17:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/13/16 15:58	1

Client Sample ID: Comb AOP Eff 90

Lab Sample ID: 660-73766-7
Date Collected: 05/10/16 14:05
Matrix: Water
Date Received: 05/11/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			05/16/16 17:43	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/16/16 17:43	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/16/16 17:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/16/16 17:43	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/16/16 17:43	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/16/16 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*05/16/16 17:43*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*05/16/16 17:43*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*05/16/16 17:43*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/13/16 16:16	1

Client Sample ID: AOP Feed 90

Lab Sample ID: 660-73766-8
Date Collected: 05/10/16 14:00
Matrix: Water
Date Received: 05/11/16 15:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.9**		1.0	0.52	ug/L			05/16/16 15:15	1
1,1-Dichloroethene	**10**		1.0	0.67	ug/L			05/16/16 15:15	1
cis-1,2-Dichloroethene	**16**		1.0	0.65	ug/L			05/16/16 15:15	1
Tetrachloroethene	**10**		1.0	0.50	ug/L			05/16/16 15:15	1
Trichloroethene	**11**		1.0	0.61	ug/L			05/16/16 15:15	1
Vinyl chloride	**1.6**		1.0	0.71	ug/L			05/16/16 15:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-73766-1

Client Sample ID: AOP Feed 90
Date Collected: 05/10/16 14:00
Date Received: 05/11/16 15:05

Lab Sample ID: 660-73766-8
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*05/16/16 15:15*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*05/16/16 15:15*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*05/16/16 15:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	46		2.0	1.0	ug/L			05/13/16 16:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-169559/17
Matrix: Water
Analysis Batch: 169559

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			05/16/16 14:18	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/16/16 14:18	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/16/16 14:18	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/16/16 14:18	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/16/16 14:18	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/16/16 14:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*05/16/16 14:18*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*05/16/16 14:18*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*05/16/16 14:18*	*1*

Lab Sample ID: LCS 660-169559/13
Matrix: Water
Analysis Batch: 169559

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	10.0	9.82		ug/L		98	66 - 130
1,1-Dichloroethene	10.0	10.0		ug/L		100	51 - 150
cis-1,2-Dichloroethene	10.0	10.2		ug/L		102	66 - 130
Tetrachloroethene	10.0	9.71		ug/L		97	50 - 143
Trichloroethene	10.0	9.91		ug/L		99	63 - 139
Vinyl chloride	10.0	9.83		ug/L		98	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 660-73766-8 MS
Matrix: Water
Analysis Batch: 169559

Client Sample ID: AOP Feed 90
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	5.9		10.0	18.0		ug/L		120	66 - 130
1,1-Dichloroethene	10		10.0	23.6		ug/L		133	51 - 150
cis-1,2-Dichloroethene	16		10.0	29.2		ug/L		129	66 - 130
Tetrachloroethene	10		10.0	22.3		ug/L		118	50 - 143
Trichloroethene	11		10.0	24.0		ug/L		129	63 - 139
Vinyl chloride	1.6		10.0	13.1		ug/L		115	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73766-1 DU
Matrix: Water
Analysis Batch: 169559

Client Sample ID: AOP Feed 40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1-Dichloroethane	5.3			5.74		ug/L				9	30
1,1-Dichloroethene	10			10.2		ug/L				0.2	30
cis-1,2-Dichloroethene	12			12.4		ug/L				3	30
Tetrachloroethene	10			9.54		ug/L				7	30
Trichloroethene	12			11.1		ug/L				8	30
Vinyl chloride	1.6			1.50		ug/L				8	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*111*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-169507/7
Matrix: Water
Analysis Batch: 169507

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/13/16 12:57	1

Lab Sample ID: LCS 660-169507/4
Matrix: Water
Analysis Batch: 169507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	7.98		ug/L		80	50 - 150		

Lab Sample ID: LCSD 660-169507/5
Matrix: Water
Analysis Batch: 169507

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.96		ug/L		90	50 - 150	12	50

Lab Sample ID: 660-73766-2 MS
Matrix: Water
Analysis Batch: 169507

Client Sample ID: Comb AOP Eff 40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.1	I	10.0	10.5		ug/L		94	50 - 150		

Lab Sample ID: 660-73766-2 MSD
Matrix: Water
Analysis Batch: 169507

Client Sample ID: Comb AOP Eff 40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.1	I	10.0	11.4		ug/L		103	50 - 150	8	50

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-73766-1

GC/MS VOA

Analysis Batch: 169507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73766-1	AOP Feed 40	Total/NA	Water	8260C SIM	
660-73766-2	Comb AOP Eff 40	Total/NA	Water	8260C SIM	
660-73766-2 MS	Comb AOP Eff 40	Total/NA	Water	8260C SIM	
660-73766-2 MSD	Comb AOP Eff 40	Total/NA	Water	8260C SIM	
660-73766-3	Comb AOP Eff 50	Total/NA	Water	8260C SIM	
660-73766-4	Comb AOP Eff 60	Total/NA	Water	8260C SIM	
660-73766-5	Comb AOP Eff 70	Total/NA	Water	8260C SIM	
660-73766-6	Comb AOP Eff 80	Total/NA	Water	8260C SIM	
660-73766-7	Comb AOP Eff 90	Total/NA	Water	8260C SIM	
660-73766-8	AOP Feed 90	Total/NA	Water	8260C SIM	
LCS 660-169507/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-169507/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-169507/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 169559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73766-1	AOP Feed 40	Total/NA	Water	8260B	
660-73766-1 DU	AOP Feed 40	Total/NA	Water	8260B	
660-73766-2	Comb AOP Eff 40	Total/NA	Water	8260B	
660-73766-3	Comb AOP Eff 50	Total/NA	Water	8260B	
660-73766-4	Comb AOP Eff 60	Total/NA	Water	8260B	
660-73766-5	Comb AOP Eff 70	Total/NA	Water	8260B	
660-73766-6	Comb AOP Eff 80	Total/NA	Water	8260B	
660-73766-7	Comb AOP Eff 90	Total/NA	Water	8260B	
660-73766-8	AOP Feed 90	Total/NA	Water	8260B	
660-73766-8 MS	AOP Feed 90	Total/NA	Water	8260B	
LCS 660-169559/13	Lab Control Sample	Total/NA	Water	8260B	
MB 660-169559/17	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-73766-1

Client Sample ID: AOP Feed 40
Lab Sample ID: 660-73766-1
Date Collected: 05/10/16 09:00
Matrix: Water
Date Received: 05/11/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169559	05/16/16 14:38	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	169507	05/13/16 16:35	TGP	TAL TAM

Client Sample ID: Comb AOP Eff 40
Lab Sample ID: 660-73766-2
Date Collected: 05/10/16 09:05
Matrix: Water
Date Received: 05/11/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169559	05/16/16 16:10	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	169507	05/13/16 13:48	TGP	TAL TAM

Client Sample ID: Comb AOP Eff 50
Lab Sample ID: 660-73766-3
Date Collected: 05/10/16 10:00
Matrix: Water
Date Received: 05/11/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169559	05/16/16 16:29	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	169507	05/13/16 15:02	TGP	TAL TAM

Client Sample ID: Comb AOP Eff 60
Lab Sample ID: 660-73766-4
Date Collected: 05/10/16 11:00
Matrix: Water
Date Received: 05/11/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169559	05/16/16 16:47	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	169507	05/13/16 15:21	TGP	TAL TAM

Client Sample ID: Comb AOP Eff 70
Lab Sample ID: 660-73766-5
Date Collected: 05/10/16 12:00
Matrix: Water
Date Received: 05/11/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169559	05/16/16 17:06	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	169507	05/13/16 15:39	TGP	TAL TAM

Client Sample ID: Comb AOP Eff 80
Lab Sample ID: 660-73766-6
Date Collected: 05/10/16 13:00
Matrix: Water
Date Received: 05/11/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169559	05/16/16 17:24	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-73766-1

Client Sample ID: Comb AOP Eff 80

Lab Sample ID: 660-73766-6

Date Collected: 05/10/16 13:00
Matrix: Water
Date Received: 05/11/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	169507	05/13/16 15:58	TGP	TAL TAM

Client Sample ID: Comb AOP Eff 90

Lab Sample ID: 660-73766-7

Date Collected: 05/10/16 14:05
Matrix: Water
Date Received: 05/11/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169559	05/16/16 17:43	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	169507	05/13/16 16:16	TGP	TAL TAM

Client Sample ID: AOP Feed 90

Lab Sample ID: 660-73766-8

Date Collected: 05/10/16 14:00
Matrix: Water
Date Received: 05/11/16 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169559	05/16/16 15:15	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	169507	05/13/16 16:53	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-73766-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	
City: Sarasota	TAT Requested (days): 1week turn	
State, Zip: FL, 34243		
Phone: 941-929-8747	60313454 18.03 - non PO invoice	
Email: Darrin.Johnson@aecom.com	WO #:	
Project Name: AOP Improvements Additional Testing	Project #:	
Site: Tallevast	SSOW#:	

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List				Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A						
AOP Feed 40	5/10/16	9:00	G	Water	N	N	2	2						AOP UV lamps - 75% on
Comb AOP Eff 40	5/10/16	9:05	G	Water	N	N	2	2						influent at 185 gpm
Comb AOP Eff 50	5/10/16	10:00	G	Water	N	N	2	2						AOP-A at 75
Comb AOP Eff 60	5/10/16	11:00	G	Water	N	N	2	2						AOP-B at 65
Comb AOP Eff 70	5/10/16	12:00	G	Water	N	N	2	2						AOP-C at 50
Comb AOP Eff 80	5/10/16	13:00	G	Water	N	N	2	2						T3 and T4 at 40 ppm for 12 hrs before test
Comb AOP Eff 90	5/10/16	14:05	G	Water	N	N	2	2						
AOP Feed 90	5/10/16	14:00	G	Water	N	N	2	2						

Loc: 660 73766

660-73766 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by:		Company	Received by:	Date/Time: 5-9-16 1405	Company AECOM
Relinquished by:	Date/Time: 5-11-16	Company AECOM	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 5-11-16 1505	Company FATBA	Received by:	Date/Time: 5-11-16 1505	Company FATBA
Custody Seals Intact: Δ Yes Δ No	Custody Seal No :		Cooler Temperature(s) °C and Other Remarks:	2.5/2.3 w-09	

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5/17/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-73766-1

Login Number: 73766
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-73766-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-73938-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
5/24/2016 3:53:14 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73938-1

Job ID: 660-73938-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-73938-1

Comments
No additional comments.

Receipt
The samples were received on 5/20/2016 1:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73938-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-73938-1	AOP FEED	Water	05/20/16 09:00	05/20/16 13:30
660-73938-2	AOP-A EFF	Water	05/20/16 09:05	05/20/16 13:30
660-73938-3	AOP-B EFF	Water	05/20/16 09:10	05/20/16 13:30
660-73938-4	AOP-C EFF	Water	05/20/16 09:15	05/20/16 13:30
660-73938-5	PGE	Water	05/20/16 09:20	05/20/16 13:30
660-73938-6	SGE	Water	05/20/16 09:25	05/20/16 13:30
660-73938-7	Combined Influent	Water	05/20/16 09:30	05/20/16 13:30

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73938-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73938-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73938-1

Client Sample ID: AOP FEED — Lab Sample ID: 660-73938-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.6		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.2		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	47		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A EFF — Lab Sample ID: 660-73938-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B EFF — Lab Sample ID: 660-73938-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.4		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C EFF — Lab Sample ID: 660-73938-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.8		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-73938-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-73938-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.56	I	1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-73938-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	19		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	13		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	17		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.4		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	47		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP FEED

Lab Sample ID: 660-73938-1
Date Collected: 05/20/16 09:00
Matrix: Water
Date Received: 05/20/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.6		1.0	0.52	ug/L			05/23/16 12:40	1
1,1-Dichloroethene	8.6		1.0	0.67	ug/L			05/23/16 12:40	1
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L			05/23/16 12:40	1
Tetrachloroethene	6.2		1.0	0.50	ug/L			05/23/16 12:40	1
Trichloroethene	12		1.0	0.61	ug/L			05/23/16 12:40	1
Vinyl chloride	1.3		1.0	0.71	ug/L			05/23/16 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*05/23/16 12:40*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*05/23/16 12:40*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*05/23/16 12:40*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	47		2.0	1.0	ug/L			05/23/16 18:55	1

Client Sample ID: AOP-A EFF

Lab Sample ID: 660-73938-2
Date Collected: 05/20/16 09:05
Matrix: Water
Date Received: 05/20/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.1		1.0	0.52	ug/L			05/23/16 10:19	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/23/16 10:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/23/16 10:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/23/16 10:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/23/16 10:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/23/16 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*05/23/16 10:19*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*05/23/16 10:19*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*05/23/16 10:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.2	I	2.0	1.0	ug/L			05/23/16 12:19	1

Client Sample ID: AOP-B EFF

Lab Sample ID: 660-73938-3
Date Collected: 05/20/16 09:10
Matrix: Water
Date Received: 05/20/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	3.4		1.0	0.52	ug/L			05/23/16 10:37	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/23/16 10:37	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/23/16 10:37	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/23/16 10:37	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/23/16 10:37	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/23/16 10:37	1

Client Sample ID: AOP-B EFF

Lab Sample ID: 660-73938-3

Date Collected: 05/20/16 09:10

Matrix: Water

Date Received: 05/20/16 13:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*05/23/16 10:37*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*05/23/16 10:37*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*05/23/16 10:37*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/23/16 13:38	1

Client Sample ID: AOP-C EFF

Lab Sample ID: 660-73938-4

Date Collected: 05/20/16 09:15

Matrix: Water

Date Received: 05/20/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.8**		1.0	0.52	ug/L			05/23/16 11:47	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/23/16 11:47	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/23/16 11:47	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/23/16 11:47	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/23/16 11:47	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/23/16 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*05/23/16 11:47*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*05/23/16 11:47*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*05/23/16 11:47*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/23/16 14:00	1

Client Sample ID: PGE

Lab Sample ID: 660-73938-5

Date Collected: 05/20/16 09:20

Matrix: Water

Date Received: 05/20/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			05/23/16 12:05	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/23/16 12:05	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/23/16 12:05	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/23/16 12:05	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/23/16 12:05	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/23/16 12:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*120*		*70 - 130*		*05/23/16 12:05*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*05/23/16 12:05*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*05/23/16 12:05*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/23/16 14:20	1

Client Sample ID: SGE

Lab Sample ID: 660-73938-6
Date Collected: 05/20/16 09:25
Matrix: Water
Date Received: 05/20/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.56**	**I**	1.0	0.52	ug/L			05/23/16 12:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/23/16 12:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/23/16 12:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/23/16 12:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/23/16 12:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/23/16 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*05/23/16 12:23*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*05/23/16 12:23*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*05/23/16 12:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/23/16 14:40	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-73938-7
Date Collected: 05/20/16 09:30
Matrix: Water
Date Received: 05/20/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			05/23/16 12:58	1
Benzene	0.50	U	1.0	0.50	ug/L			05/23/16 12:58	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			05/23/16 12:58	1
Bromoform	0.63	U	1.0	0.63	ug/L			05/23/16 12:58	1
Bromomethane	2.5	U	5.0	2.5	ug/L			05/23/16 12:58	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			05/23/16 12:58	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			05/23/16 12:58	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			05/23/16 12:58	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			05/23/16 12:58	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			05/23/16 12:58	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			05/23/16 12:58	1
Chloroethane	2.5	U	5.0	2.5	ug/L			05/23/16 12:58	1
Chloroform	0.90	U	1.0	0.90	ug/L			05/23/16 12:58	1
Chloromethane	1.0	U	4.0	1.0	ug/L			05/23/16 12:58	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			05/23/16 12:58	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			05/23/16 12:58	1
cis-1,2-Dichloroethene	**18**		1.0	0.65	ug/L			05/23/16 12:58	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			05/23/16 12:58	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			05/23/16 12:58	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			05/23/16 12:58	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			05/23/16 12:58	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			05/23/16 12:58	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			05/23/16 12:58	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			05/23/16 12:58	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			05/23/16 12:58	1
1,1-Dichloroethane	**6.6**		1.0	0.52	ug/L			05/23/16 12:58	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			05/23/16 12:58	1
1,1-Dichloroethene	**19**		1.0	0.67	ug/L			05/23/16 12:58	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-73938-7

Date Collected: 05/20/16 09:30

Matrix: Water

Date Received: 05/20/16 13:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			05/23/16 12:58	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			05/23/16 12:58	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/23/16 12:58	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			05/23/16 12:58	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			05/23/16 12:58	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			05/23/16 12:58	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			05/23/16 12:58	1
2-Hexanone	4.4	U	10	4.4	ug/L			05/23/16 12:58	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			05/23/16 12:58	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			05/23/16 12:58	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			05/23/16 12:58	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			05/23/16 12:58	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			05/23/16 12:58	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			05/23/16 12:58	1
Naphthalene	2.5	U	5.0	2.5	ug/L			05/23/16 12:58	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			05/23/16 12:58	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			05/23/16 12:58	1
o-Xylene	0.50	U	1.0	0.50	ug/L			05/23/16 12:58	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			05/23/16 12:58	1
Styrene	0.98	U	2.0	0.98	ug/L			05/23/16 12:58	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			05/23/16 12:58	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			05/23/16 12:58	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			05/23/16 12:58	1
Tetrachloroethene	**13**		1.0	0.50	ug/L			05/23/16 12:58	1
Toluene	0.51	U	1.0	0.51	ug/L			05/23/16 12:58	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/23/16 12:58	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			05/23/16 12:58	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			05/23/16 12:58	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			05/23/16 12:58	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			05/23/16 12:58	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			05/23/16 12:58	1
Trichloroethene	**17**		1.0	0.61	ug/L			05/23/16 12:58	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			05/23/16 12:58	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			05/23/16 12:58	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			05/23/16 12:58	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			05/23/16 12:58	1
Vinyl chloride	**3.4**		1.0	0.71	ug/L			05/23/16 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*05/23/16 12:58*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*05/23/16 12:58*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*05/23/16 12:58*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**47**		2.0	1.0	ug/L			05/23/16 15:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-169796/7
Matrix: Water
Analysis Batch: 169796

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			05/23/16 09:47	1
Benzene	0.50	U	1.0	0.50	ug/L			05/23/16 09:47	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			05/23/16 09:47	1
Bromoform	0.63	U	1.0	0.63	ug/L			05/23/16 09:47	1
Bromomethane	2.5	U	5.0	2.5	ug/L			05/23/16 09:47	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			05/23/16 09:47	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			05/23/16 09:47	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			05/23/16 09:47	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			05/23/16 09:47	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			05/23/16 09:47	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			05/23/16 09:47	1
Chloroethane	2.5	U	5.0	2.5	ug/L			05/23/16 09:47	1
Chloroform	0.90	U	1.0	0.90	ug/L			05/23/16 09:47	1
Chloromethane	1.0	U	4.0	1.0	ug/L			05/23/16 09:47	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			05/23/16 09:47	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			05/23/16 09:47	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/23/16 09:47	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			05/23/16 09:47	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			05/23/16 09:47	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			05/23/16 09:47	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			05/23/16 09:47	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			05/23/16 09:47	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			05/23/16 09:47	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			05/23/16 09:47	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			05/23/16 09:47	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			05/23/16 09:47	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			05/23/16 09:47	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/23/16 09:47	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			05/23/16 09:47	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			05/23/16 09:47	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/23/16 09:47	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			05/23/16 09:47	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			05/23/16 09:47	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			05/23/16 09:47	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			05/23/16 09:47	1
2-Hexanone	4.4	U	10	4.4	ug/L			05/23/16 09:47	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			05/23/16 09:47	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			05/23/16 09:47	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			05/23/16 09:47	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			05/23/16 09:47	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			05/23/16 09:47	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			05/23/16 09:47	1
Naphthalene	2.5	U	5.0	2.5	ug/L			05/23/16 09:47	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			05/23/16 09:47	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			05/23/16 09:47	1
o-Xylene	0.50	U	1.0	0.50	ug/L			05/23/16 09:47	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			05/23/16 09:47	1
Styrene	0.98	U	2.0	0.98	ug/L			05/23/16 09:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-169796/7
Matrix: Water
Analysis Batch: 169796

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			05/23/16 09:47	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			05/23/16 09:47	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			05/23/16 09:47	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/23/16 09:47	1
Toluene	0.51	U	1.0	0.51	ug/L			05/23/16 09:47	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/23/16 09:47	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			05/23/16 09:47	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			05/23/16 09:47	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			05/23/16 09:47	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			05/23/16 09:47	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			05/23/16 09:47	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/23/16 09:47	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			05/23/16 09:47	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			05/23/16 09:47	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			05/23/16 09:47	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			05/23/16 09:47	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/23/16 09:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*05/23/16 09:47*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*05/23/16 09:47*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*05/23/16 09:47*	*1*

Lab Sample ID: LCS 660-169796/4
Matrix: Water
Analysis Batch: 169796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	111		ug/L		111	62 - 142
Benzene	10.0	8.33		ug/L		83	68 - 134
Bromobenzene	10.0	8.62		ug/L		86	70 - 130
Bromoform	10.0	9.57		ug/L		96	65 - 130
Bromomethane	10.0	5.64		ug/L		56	22 - 150
2-Butanone (MEK)	100	94.2		ug/L		94	63 - 140
Carbon disulfide	10.0	8.57		ug/L		86	30 - 150
Carbon tetrachloride	10.0	8.78		ug/L		88	61 - 134
Chlorobenzene	10.0	9.46		ug/L		95	70 - 130
Chlorobromomethane	10.0	9.33		ug/L		93	70 - 130
Chlorodibromomethane	10.0	10.2		ug/L		102	70 - 130
Chloroethane	10.0	10.7		ug/L		107	39 - 150
Chloroform	10.0	8.74		ug/L		87	68 - 130
Chloromethane	10.0	8.90		ug/L		89	35 - 150
2-Chlorotoluene	10.0	8.59		ug/L		86	70 - 130
4-Chlorotoluene	10.0	9.52		ug/L		95	70 - 130
cis-1,2-Dichloroethene	10.0	9.00		ug/L		90	66 - 130
cis-1,3-Dichloropropene	10.0	9.28		ug/L		93	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.57		ug/L		96	63 - 130
Dibromomethane	10.0	9.70		ug/L		97	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-169796/4
Matrix: Water
Analysis Batch: 169796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	9.64		ug/L		96	70 - 130
1,3-Dichlorobenzene	10.0	9.09		ug/L		91	70 - 130
1,4-Dichlorobenzene	10.0	8.74		ug/L		87	70 - 130
Dichlorobromomethane	10.0	9.31		ug/L		93	70 - 130
Dichlorodifluoromethane	10.0	5.28		ug/L		53	16 - 149
1,1-Dichloroethane	10.0	8.95		ug/L		89	66 - 130
1,2-Dichloroethane	10.0	9.31		ug/L		93	70 - 130
1,1-Dichloroethene	10.0	8.09		ug/L		81	51 - 150
1,2-Dichloropropane	10.0	8.78		ug/L		88	70 - 130
1,3-Dichloropropane	10.0	9.16		ug/L		92	70 - 130
2,2-Dichloropropane	10.0	8.81		ug/L		88	66 - 134
1,1-Dichloropropene	10.0	8.24		ug/L		82	65 - 136
Ethylbenzene	10.0	8.58		ug/L		86	70 - 130
Ethylene Dibromide	10.0	9.59		ug/L		96	66 - 130
Hexachlorobutadiene	10.0	8.83		ug/L		88	62 - 143
2-Hexanone	100	99.1		ug/L		99	60 - 148
Isopropylbenzene	10.0	8.26		ug/L		83	62 - 130
4-Isopropyltoluene	10.0	8.80		ug/L		88	65 - 134
Methylene Chloride	10.0	7.92		ug/L		79	57 - 130
4-Methyl-2-pentanone (MIBK)	100	92.7		ug/L		93	64 - 137
Methyl tert-butyl ether	10.0	8.91		ug/L		89	67 - 130
Naphthalene	10.0	10.4		ug/L		104	50 - 136
n-Butylbenzene	10.0	8.62		ug/L		86	61 - 131
N-Propylbenzene	10.0	8.70		ug/L		87	67 - 130
o-Xylene	10.0	8.35		ug/L		84	69 - 130
sec-Butylbenzene	10.0	8.85		ug/L		88	68 - 133
Styrene	10.0	9.27		ug/L		93	68 - 131
tert-Butylbenzene	10.0	8.71		ug/L		87	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.29		ug/L		83	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.35		ug/L		84	70 - 130
Tetrachloroethene	10.0	8.93		ug/L		89	50 - 143
Toluene	10.0	9.03		ug/L		90	70 - 131
trans-1,2-Dichloroethene	10.0	9.55		ug/L		96	62 - 139
trans-1,3-Dichloropropene	10.0	9.16		ug/L		92	67 - 130
1,2,3-Trichlorobenzene	10.0	10.6		ug/L		106	58 - 132
1,2,4-Trichlorobenzene	10.0	9.74		ug/L		97	66 - 130
1,1,1-Trichloroethane	10.0	8.42		ug/L		84	63 - 132
1,1,2-Trichloroethane	10.0	9.70		ug/L		97	70 - 130
Trichloroethene	10.0	9.01		ug/L		90	63 - 139
Trichlorofluoromethane	10.0	8.52		ug/L		85	62 - 146
1,2,3-Trichloropropane	10.0	9.00		ug/L		90	66 - 130
1,2,4-Trimethylbenzene	10.0	9.41		ug/L		94	70 - 132
1,3,5-Trimethylbenzene	10.0	8.74		ug/L		87	65 - 134
Vinyl chloride	10.0	9.30		ug/L		93	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-169796/4
Matrix: Water
Analysis Batch: 169796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 660-169796/5
Matrix: Water
Analysis Batch: 169796

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	100		ug/L		100	62 - 142	10	30
Benzene			10.0	9.39		ug/L		94	68 - 134	12	30
Bromobenzene			10.0	8.78		ug/L		88	70 - 130	2	30
Bromoform			10.0	8.59		ug/L		86	65 - 130	11	30
Bromomethane			10.0	5.67		ug/L		57	22 - 150	0	30
2-Butanone (MEK)			100	91.3		ug/L		91	63 - 140	3	30
Carbon disulfide			10.0	9.40		ug/L		94	30 - 150	9	30
Carbon tetrachloride			10.0	9.93		ug/L		99	61 - 134	12	30
Chlorobenzene			10.0	9.74		ug/L		97	70 - 130	3	30
Chlorobromomethane			10.0	9.60		ug/L		96	70 - 130	3	30
Chlorodibromomethane			10.0	9.49		ug/L		95	70 - 130	7	30
Chloroethane			10.0	10.5		ug/L		105	39 - 150	2	30
Chloroform			10.0	9.04		ug/L		90	68 - 130	3	30
Chloromethane			10.0	8.42		ug/L		84	35 - 150	6	30
2-Chlorotoluene			10.0	9.43		ug/L		94	70 - 130	9	30
4-Chlorotoluene			10.0	9.04		ug/L		90	70 - 130	5	30
cis-1,2-Dichloroethene			10.0	9.26		ug/L		93	66 - 130	3	30
cis-1,3-Dichloropropene			10.0	9.51		ug/L		95	70 - 130	2	30
1,2-Dibromo-3-Chloropropane			10.0	8.82		ug/L		88	63 - 130	8	30
Dibromomethane			10.0	9.23		ug/L		92	70 - 130	5	30
1,2-Dichlorobenzene			10.0	8.73		ug/L		87	70 - 130	10	30
1,3-Dichlorobenzene			10.0	9.67		ug/L		97	70 - 130	6	30
1,4-Dichlorobenzene			10.0	8.93		ug/L		89	70 - 130	2	30
Dichlorobromomethane			10.0	10.2		ug/L		102	70 - 130	10	30
Dichlorodifluoromethane			10.0	5.83		ug/L		58	16 - 149	10	30
1,1-Dichloroethane			10.0	8.89		ug/L		89	66 - 130	1	30
1,2-Dichloroethane			10.0	8.91		ug/L		89	70 - 130	4	30
1,1-Dichloroethene			10.0	9.32		ug/L		93	51 - 150	14	30
1,2-Dichloropropane			10.0	9.73		ug/L		97	70 - 130	10	30
1,3-Dichloropropane			10.0	10.3		ug/L		103	70 - 130	12	30
2,2-Dichloropropane			10.0	9.30		ug/L		93	66 - 134	6	30
1,1-Dichloropropene			10.0	9.53		ug/L		95	65 - 136	14	30
Ethylbenzene			10.0	9.39		ug/L		94	70 - 130	9	30
Ethylene Dibromide			10.0	9.83		ug/L		98	66 - 130	2	30
Hexachlorobutadiene			10.0	8.39		ug/L		84	62 - 143	5	30
2-Hexanone			100	113		ug/L		113	60 - 148	13	30
Isopropylbenzene			10.0	9.16		ug/L		92	62 - 130	10	30
4-Isopropyltoluene			10.0	9.59		ug/L		96	65 - 134	9	30
Methylene Chloride			10.0	7.02		ug/L		70	57 - 130	12	30
4-Methyl-2-pentanone (MIBK)			100	95.3		ug/L		95	64 - 137	3	30
Methyl tert-butyl ether			10.0	9.51		ug/L		95	67 - 130	6	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-169796/5
Matrix: Water
Analysis Batch: 169796

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	9.10		ug/L		91	50 - 136	13	30
n-Butylbenzene			10.0	8.77		ug/L		88	61 - 131	2	30
N-Propylbenzene			10.0	9.46		ug/L		95	67 - 130	8	30
o-Xylene			10.0	8.72		ug/L		87	69 - 130	4	30
sec-Butylbenzene			10.0	9.51		ug/L		95	68 - 133	7	30
Styrene			10.0	9.05		ug/L		90	68 - 131	2	30
tert-Butylbenzene			10.0	9.29		ug/L		93	64 - 130	6	30
1,1,1,2-Tetrachloroethane			10.0	8.90		ug/L		89	70 - 130	7	30
1,1,2,2-Tetrachloroethane			10.0	9.27		ug/L		93	70 - 130	10	30
Tetrachloroethene			10.0	8.91		ug/L		89	50 - 143	0	30
Toluene			10.0	9.71		ug/L		97	70 - 131	7	30
trans-1,2-Dichloroethene			10.0	9.90		ug/L		99	62 - 139	4	30
trans-1,3-Dichloropropene			10.0	9.61		ug/L		96	67 - 130	5	30
1,2,3-Trichlorobenzene			10.0	9.56		ug/L		96	58 - 132	10	30
1,2,4-Trichlorobenzene			10.0	9.06		ug/L		91	66 - 130	7	30
1,1,1-Trichloroethane			10.0	9.36		ug/L		94	63 - 132	11	30
1,1,2-Trichloroethane			10.0	9.30		ug/L		93	70 - 130	4	30
Trichloroethene			10.0	9.74		ug/L		97	63 - 139	8	30
Trichlorofluoromethane			10.0	8.39		ug/L		84	62 - 146	2	30
1,2,3-Trichloropropane			10.0	9.40		ug/L		94	66 - 130	4	30
1,2,4-Trimethylbenzene			10.0	9.37		ug/L		94	70 - 132	0	30
1,3,5-Trimethylbenzene			10.0	9.13		ug/L		91	65 - 134	4	30
Vinyl chloride			10.0	7.51		ug/L		75	48 - 147	21	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-73938-3 MS
Matrix: Water
Analysis Batch: 169796

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20		100	111		ug/L		91	62 - 142
Benzene	0.50	U	10.0	8.27		ug/L		83	68 - 134
Bromobenzene	0.58	U	10.0	6.98		ug/L		70	70 - 130
Bromoform	0.63	U	10.0	7.23		ug/L		72	65 - 130
Bromomethane	2.5	U	10.0	4.97	I	ug/L		50	22 - 150
2-Butanone (MEK)	8.4	U	100	92.9		ug/L		93	63 - 140
Carbon disulfide	1.0	U	10.0	7.20		ug/L		72	30 - 150
Carbon tetrachloride	0.43	U	10.0	7.92		ug/L		79	61 - 134
Chlorobenzene	0.63	U	10.0	7.65		ug/L		77	70 - 130
Chlorobromomethane	0.58	U	10.0	9.46		ug/L		95	70 - 130
Chlorodibromomethane	0.31	U	10.0	8.64		ug/L		86	70 - 130
Chloroethane	2.5	U	10.0	7.41		ug/L		74	39 - 150
Chloroform	0.90	U	10.0	7.93		ug/L		79	68 - 130
Chloromethane	1.0	U	10.0	8.92		ug/L		89	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73938-3 MS
Matrix: Water
Analysis Batch: 169796

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	7.51		ug/L		75	70 - 130
4-Chlorotoluene	0.52	U	10.0	7.38		ug/L		74	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	8.33		ug/L		83	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	8.58		ug/L		86	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	6.56		ug/L		66	63 - 130
Dibromomethane	0.46	U	10.0	8.89		ug/L		89	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	7.49		ug/L		75	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	7.54		ug/L		75	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	7.44		ug/L		74	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.68		ug/L		87	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	6.61		ug/L		66	16 - 149
1,1-Dichloroethane	3.4		10.0	11.5		ug/L		81	66 - 130
1,2-Dichloroethane	0.57	U	10.0	7.58		ug/L		76	70 - 130
1,1-Dichloroethene	0.67	U	10.0	7.49		ug/L		75	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.03		ug/L		80	70 - 130
1,3-Dichloropropane	0.42	U	10.0	7.91		ug/L		79	70 - 130
2,2-Dichloropropane	0.36	U	10.0	7.80		ug/L		78	66 - 134
1,1-Dichloropropene	0.65	U	10.0	8.05		ug/L		80	65 - 136
Ethylbenzene	0.44	U	10.0	7.99		ug/L		80	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.70		ug/L		87	66 - 130
Hexachlorobutadiene	0.34	U	10.0	6.46		ug/L		65	62 - 143
2-Hexanone	4.4	U	100	95.7		ug/L		96	60 - 148
Isopropylbenzene	0.52	U	10.0	7.38		ug/L		74	62 - 130
4-Isopropyltoluene	0.69	U	10.0	7.80		ug/L		78	65 - 134
Methylene Chloride	4.0	U	10.0	6.62		ug/L		66	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	98.0		ug/L		98	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	8.17		ug/L		82	67 - 130
Naphthalene	2.5	U	10.0	7.60		ug/L		76	50 - 136
n-Butylbenzene	0.67	U	10.0	7.16		ug/L		72	61 - 131
N-Propylbenzene	0.59	U	10.0	7.66		ug/L		77	67 - 130
o-Xylene	0.50	U	10.0	7.61		ug/L		76	69 - 130
sec-Butylbenzene	0.63	U	10.0	7.41		ug/L		74	68 - 133
Styrene	0.98	U	10.0	7.83		ug/L		78	68 - 131
tert-Butylbenzene	0.84	U	10.0	7.60		ug/L		76	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U J3	10.0	6.89	J3	ug/L		69	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.74		ug/L		87	70 - 130
Tetrachloroethene	0.50	U	10.0	7.49		ug/L		75	50 - 143
Toluene	0.51	U	10.0	8.53		ug/L		85	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.23		ug/L		82	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	8.23		ug/L		82	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	7.19		ug/L		72	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	7.94		ug/L		79	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	7.18		ug/L		72	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	8.59		ug/L		86	70 - 130
Trichloroethene	0.61	U	10.0	8.88		ug/L		89	63 - 139
Trichlorofluoromethane	2.5	U	10.0	8.89		ug/L		89	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	7.02		ug/L		70	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	7.59		ug/L		76	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73938-3 MS
Matrix: Water
Analysis Batch: 169796

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	7.30		ug/L		73	65 - 134
Vinyl chloride	0.71	U	10.0	8.58		ug/L		86	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: 660-73938-2 DU
Matrix: Water
Analysis Batch: 169796

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	15	I	13.7	I	ug/L		9	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	4.1		3.81		ug/L		7	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-73938-2 DU
Matrix: Water
Analysis Batch: 169796

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.542	I	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-169814/7
Matrix: Water
Analysis Batch: 169814

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			05/23/16 12:01	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-169814/4
Matrix: Water
Analysis Batch: 169814

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	9.67		ug/L		97	50 - 150		

Lab Sample ID: LCSD 660-169814/5
Matrix: Water
Analysis Batch: 169814

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.18		ug/L		82	50 - 150	17	50

Lab Sample ID: 660-73938-2 MS
Matrix: Water
Analysis Batch: 169814

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.2	I	10.0	11.0		ug/L		98	50 - 150		

Lab Sample ID: 660-73938-2 MSD
Matrix: Water
Analysis Batch: 169814

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.2	I	10.0	9.87		ug/L		87	50 - 150	11	50

GC/MS VOA

Analysis Batch: 169796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73938-1	AOP FEED	Total/NA	Water	8260B	
660-73938-2	AOP-A EFF	Total/NA	Water	8260B	
660-73938-2 DU	AOP-A EFF	Total/NA	Water	8260B	
660-73938-3	AOP-B EFF	Total/NA	Water	8260B	
660-73938-3 MS	AOP-B EFF	Total/NA	Water	8260B	
660-73938-4	AOP-C EFF	Total/NA	Water	8260B	
660-73938-5	PGE	Total/NA	Water	8260B	
660-73938-6	SGE	Total/NA	Water	8260B	
660-73938-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-169796/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-169796/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-169796/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 169814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-73938-1	AOP FEED	Total/NA	Water	8260C SIM	
660-73938-2	AOP-A EFF	Total/NA	Water	8260C SIM	
660-73938-2 MS	AOP-A EFF	Total/NA	Water	8260C SIM	
660-73938-2 MSD	AOP-A EFF	Total/NA	Water	8260C SIM	
660-73938-3	AOP-B EFF	Total/NA	Water	8260C SIM	
660-73938-4	AOP-C EFF	Total/NA	Water	8260C SIM	
660-73938-5	PGE	Total/NA	Water	8260C SIM	
660-73938-6	SGE	Total/NA	Water	8260C SIM	
660-73938-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-169814/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-169814/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-169814/7	Method Blank	Total/NA	Water	8260C SIM	

Client Sample ID: AOP FEED
Date Collected: 05/20/16 09:00
Date Received: 05/20/16 13:30

Lab Sample ID: 660-73938-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169796	05/23/16 12:40	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169814	05/23/16 18:55	TGP	TAL TAM

Client Sample ID: AOP-A EFF
Date Collected: 05/20/16 09:05
Date Received: 05/20/16 13:30

Lab Sample ID: 660-73938-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169796	05/23/16 10:19	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169814	05/23/16 12:19	TGP	TAL TAM

Client Sample ID: AOP-B EFF
Date Collected: 05/20/16 09:10
Date Received: 05/20/16 13:30

Lab Sample ID: 660-73938-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169796	05/23/16 10:37	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169814	05/23/16 13:38	TGP	TAL TAM

Client Sample ID: AOP-C EFF
Date Collected: 05/20/16 09:15
Date Received: 05/20/16 13:30

Lab Sample ID: 660-73938-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169796	05/23/16 11:47	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169814	05/23/16 14:00	TGP	TAL TAM

Client Sample ID: PGE
Date Collected: 05/20/16 09:20
Date Received: 05/20/16 13:30

Lab Sample ID: 660-73938-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169796	05/23/16 12:05	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169814	05/23/16 14:20	TGP	TAL TAM

Client Sample ID: SGE
Date Collected: 05/20/16 09:25
Date Received: 05/20/16 13:30

Lab Sample ID: 660-73938-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169796	05/23/16 12:23	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73938-1

Client Sample ID: SGE

Lab Sample ID: 660-73938-6

Date Collected: 05/20/16 09:25
Matrix: Water
Date Received: 05/20/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	169814	05/23/16 14:40	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-73938-7

Date Collected: 05/20/16 09:30
Matrix: Water
Date Received: 05/20/16 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169796	05/23/16 12:58	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	169814	05/23/16 15:19	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73938-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO # 73752ACM - Low Davies Project and task - 60480333 09.01			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Sampling	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Loc: 660
73938

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List						Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A								
AOP Feed	5/20/16	9:00	G	Water	N	N	2	2								160 gpm - 2103 at 13 gpm
AOP-A Eff	5/20/16	9:05	G	Water	N	N	2	2								AOPs at 64, 56, 44
AOP-B Eff	5/20/16	9:10	G	Water	N	N	2	2								H2O2 at 60 mg/L
AOP-C Eff	5/20/16	9:15	G	Water	N	N	2	2								75% Lamps
PGE	5/20/16	9:20	G	Water	N	N	2	2								
SGE	5/20/16	9:25	G	Water	N	N	2	2								
Combined Influent	5/20/16	9:30	G	Water	N	N		2	2							

660-73938 Chain of Custody

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 5-20-16 1210	Company AECOM	Received by:	Date/Time: 5-20-16 1210	Company TA-TPA
Relinquished by:	Date/Time: 5-20-16 @ 1330	Company TA-TPA	Received by:	Date/Time: 5-20-16 @ 1330	Company TA-TPA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.6, 2.4 CU-DG

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5/24/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-73938-1

Login Number: 73938
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-73938-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-74081-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
6/2/2016 5:08:35 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-74081-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-74081-1

Comments
The samples affected by the QC failures will be re-analyzed under a new calibration.

Receipt
The samples were received on 5/31/2016 3:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6º C.

GC/MS VOA
Method(s) 8260B: The initial calibration verification (ICV) result for batch 170053 was above the upper control limit for bromomethane. Sample results were non-detects, and have been reported as qualified data.

Method(s) 8260B: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for 170053 recovered outside control limits for the following analytes: bromomethane and tetrachloroethene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 170053 recovered outside control limits for the following analyte: tetrachloroethene.

Method(s) 8260B: Both samples are being reported as per client request, even though both samples had tetrachloroethene detections and the LCSD was outside limits for this analyte. Also the second sample was outside the 12hr window. Both samples will be rerun to verify results. Batch 170053.

AOP Feed (660-74081-1) and Combined Influent (660-74081-7)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS VOA
Method(s) 8260B: The initial calibration verification (ICV) result for batch 170053 was above the upper control limit for bromomethane. Sample results were non-detects, and have been reported as qualified data.

Method(s) 8260B: The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) for 170053 recovered outside control limits for the following analytes: bromomethane and tetrachloroethene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch <170053> recovered outside control limits for the following analyte: <tetrachloroethene>.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-74081-1	AOP Feed	Water	05/31/16 09:00	05/31/16 15:10
660-74081-2	AOP-A Eff	Water	05/31/16 09:05	05/31/16 15:10
660-74081-3	AOP-B Eff	Water	05/31/16 09:10	05/31/16 15:10
660-74081-4	AOP-C Eff	Water	05/31/16 09:15	05/31/16 15:10
660-74081-5	PGE	Water	05/31/16 09:20	05/31/16 15:10
660-74081-6	SGE	Water	05/31/16 09:20	05/31/16 15:10
660-74081-7	Combined Influent	Water	05/31/16 09:30	05/31/16 15:10

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-74081-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.6		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.4		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	9.9		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.5		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	40		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A Eff — Lab Sample ID: 660-74081-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.5	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B Eff — Lab Sample ID: 660-74081-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.3		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C Eff — Lab Sample ID: 660-74081-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-74081-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.8		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-74081-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.86	I	1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-74081-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	19		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	11		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	16		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	44		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Client Sample ID: AOP Feed

Date Collected: 05/31/16 09:00
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.1		1.0	0.52	ug/L			06/02/16 14:18	1
1,1-Dichloroethene	8.6		1.0	0.67	ug/L			06/02/16 14:18	1
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L			06/02/16 14:18	1
Tetrachloroethene	6.4		1.0	0.50	ug/L			06/02/16 14:18	1
Trichloroethene	9.9		1.0	0.61	ug/L			06/02/16 14:18	1
Vinyl chloride	1.5		1.0	0.71	ug/L			06/02/16 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*06/02/16 14:18*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*06/02/16 14:18*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*06/02/16 14:18*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	40		2.0	1.0	ug/L			06/01/16 14:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Client Sample ID: AOP-A Eff
Date Collected: 05/31/16 09:05
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.8**		1.0	0.52	ug/L			05/31/16 18:44	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/31/16 18:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/31/16 18:44	1
Tetrachloroethene	0.50	U J3	1.0	0.50	ug/L			05/31/16 18:44	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/31/16 18:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/16 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*05/31/16 18:44*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*05/31/16 18:44*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*05/31/16 18:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**	**I**	2.0	1.0	ug/L			06/01/16 12:05	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Client Sample ID: AOP-B Eff
Date Collected: 05/31/16 09:10
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.3**		1.0	0.52	ug/L			05/31/16 19:04	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/31/16 19:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/31/16 19:04	1
Tetrachloroethene	0.50	U J3	1.0	0.50	ug/L			05/31/16 19:04	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/31/16 19:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/16 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*05/31/16 19:04*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*05/31/16 19:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*05/31/16 19:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			06/01/16 12:24	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Client Sample ID: AOP-C Eff

Date Collected: 05/31/16 09:15
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.9**		1.0	0.52	ug/L			05/31/16 19:25	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/31/16 19:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/31/16 19:25	1
Tetrachloroethene	0.50	U J3	1.0	0.50	ug/L			05/31/16 19:25	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/31/16 19:25	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/16 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 130*		*05/31/16 19:25*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*05/31/16 19:25*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*05/31/16 19:25*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			06/01/16 12:42	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Client Sample ID: PGE
Date Collected: 05/31/16 09:20
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.8**		1.0	0.52	ug/L			05/31/16 19:45	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/31/16 19:45	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/31/16 19:45	1
Tetrachloroethene	0.50	U J3	1.0	0.50	ug/L			05/31/16 19:45	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/31/16 19:45	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/16 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*05/31/16 19:45*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*05/31/16 19:45*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*05/31/16 19:45*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			06/01/16 13:01	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Client Sample ID: SGE
Date Collected: 05/31/16 09:20
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.86**	**I**	1.0	0.52	ug/L			05/31/16 20:05	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/31/16 20:05	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/31/16 20:05	1
Tetrachloroethene	0.50	U J3	1.0	0.50	ug/L			05/31/16 20:05	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/31/16 20:05	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/16 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*05/31/16 20:05*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*05/31/16 20:05*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*05/31/16 20:05*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			06/01/16 13:19	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Client Sample ID: Combined Influent
Date Collected: 05/31/16 09:30
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			06/02/16 14:37	1
Benzene	0.50	U	1.0	0.50	ug/L			06/02/16 14:37	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			06/02/16 14:37	1
Bromoform	0.63	U	1.0	0.63	ug/L			06/02/16 14:37	1
Bromomethane	2.5	U	5.0	2.5	ug/L			06/02/16 14:37	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			06/02/16 14:37	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			06/02/16 14:37	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			06/02/16 14:37	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			06/02/16 14:37	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			06/02/16 14:37	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			06/02/16 14:37	1
Chloroethane	2.5	U	5.0	2.5	ug/L			06/02/16 14:37	1
Chloroform	0.90	U	1.0	0.90	ug/L			06/02/16 14:37	1
Chloromethane	1.0	U	4.0	1.0	ug/L			06/02/16 14:37	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			06/02/16 14:37	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			06/02/16 14:37	1
cis-1,2-Dichloroethene	**17**		1.0	0.65	ug/L			06/02/16 14:37	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			06/02/16 14:37	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			06/02/16 14:37	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			06/02/16 14:37	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			06/02/16 14:37	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			06/02/16 14:37	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			06/02/16 14:37	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			06/02/16 14:37	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			06/02/16 14:37	1
1,1-Dichloroethane	**6.0**		1.0	0.52	ug/L			06/02/16 14:37	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			06/02/16 14:37	1
1,1-Dichloroethene	**19**		1.0	0.67	ug/L			06/02/16 14:37	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			06/02/16 14:37	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			06/02/16 14:37	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			06/02/16 14:37	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			06/02/16 14:37	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			06/02/16 14:37	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			06/02/16 14:37	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			06/02/16 14:37	1
2-Hexanone	4.4	U	10	4.4	ug/L			06/02/16 14:37	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			06/02/16 14:37	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			06/02/16 14:37	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			06/02/16 14:37	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			06/02/16 14:37	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			06/02/16 14:37	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			06/02/16 14:37	1
Naphthalene	2.5	U	5.0	2.5	ug/L			06/02/16 14:37	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			06/02/16 14:37	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			06/02/16 14:37	1
o-Xylene	0.50	U	1.0	0.50	ug/L			06/02/16 14:37	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			06/02/16 14:37	1
Styrene	0.98	U	2.0	0.98	ug/L			06/02/16 14:37	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			06/02/16 14:37	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Client Sample ID: Combined Influent
Date Collected: 05/31/16 09:30
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			06/02/16 14:37	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/02/16 14:37	1
Tetrachloroethene	**11**		1.0	0.50	ug/L			06/02/16 14:37	1
Toluene	0.51	U	1.0	0.51	ug/L			06/02/16 14:37	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/02/16 14:37	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			06/02/16 14:37	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			06/02/16 14:37	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			06/02/16 14:37	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			06/02/16 14:37	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			06/02/16 14:37	1
Trichloroethene	**16**		1.0	0.61	ug/L			06/02/16 14:37	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			06/02/16 14:37	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			06/02/16 14:37	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			06/02/16 14:37	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			06/02/16 14:37	1
Vinyl chloride	**3.6**		1.0	0.71	ug/L			06/02/16 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*06/02/16 14:37*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*06/02/16 14:37*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*06/02/16 14:37*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**44**		2.0	1.0	ug/L			06/01/16 14:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-170053/15
Matrix: Water
Analysis Batch: 170053

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			05/31/16 13:20	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			05/31/16 13:20	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			05/31/16 13:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			05/31/16 13:20	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			05/31/16 13:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			05/31/16 13:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*05/31/16 13:20*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*05/31/16 13:20*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*05/31/16 13:20*	*1*

Lab Sample ID: LCS 660-170053/13
Matrix: Water
Analysis Batch: 170053

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
cis-1,2-Dichloroethene			10.0	10.7		ug/L		107	66 - 130		
1,1-Dichloroethane			10.0	10.2		ug/L		102	66 - 130		
1,1-Dichloroethene			10.0	10.5		ug/L		105	51 - 150		
Tetrachloroethene			10.0	10.4		ug/L		104	50 - 143		
Trichloroethene			10.0	11.5		ug/L		115	63 - 139		
Vinyl chloride			10.0	11.3		ug/L		113	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 660-170053/28
Matrix: Water
Analysis Batch: 170053

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			10.0	11.1		ug/L		111	66 - 130	4	30
1,1-Dichloroethane			10.0	11.4		ug/L		114	66 - 130	11	30
1,1-Dichloroethene			10.0	11.5		ug/L		115	51 - 150	8	30
Tetrachloroethene			10.0	15.8	J3	ug/L		158	50 - 143	41	30
Trichloroethene			10.0	11.6		ug/L		116	63 - 139	1	30
Vinyl chloride			10.0	13.6		ug/L		136	48 - 147	18	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-74042-A-2 MS
Matrix: Water
Analysis Batch: 170053

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	0.65	U	10.0	9.16		ug/L		92	66 - 130
1,1-Dichloroethane	0.52	U	10.0	9.05		ug/L		90	66 - 130
1,1-Dichloroethene	0.67	U	10.0	9.24		ug/L		92	51 - 150
Tetrachloroethene	0.50	U J3	10.0	9.64		ug/L		96	50 - 143
Trichloroethene	0.61	U	10.0	9.68		ug/L		97	63 - 139
Vinyl chloride	0.71	U	10.0	7.99		ug/L		80	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 660-74042-A-1 DU
Matrix: Water
Analysis Batch: 170053

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
Tetrachloroethene	0.50	U J3	0.50	U J3	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 660-170136/7
Matrix: Water
Analysis Batch: 170136

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			06/02/16 11:59	1
Benzene	0.50	U	1.0	0.50	ug/L			06/02/16 11:59	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			06/02/16 11:59	1
Bromoform	0.63	U	1.0	0.63	ug/L			06/02/16 11:59	1
Bromomethane	2.5	U	5.0	2.5	ug/L			06/02/16 11:59	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			06/02/16 11:59	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			06/02/16 11:59	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			06/02/16 11:59	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			06/02/16 11:59	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			06/02/16 11:59	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			06/02/16 11:59	1
Chloroethane	2.5	U	5.0	2.5	ug/L			06/02/16 11:59	1
Chloroform	0.90	U	1.0	0.90	ug/L			06/02/16 11:59	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-170136/7
Matrix: Water
Analysis Batch: 170136

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	1.0	U	4.0	1.0	ug/L			06/02/16 11:59	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			06/02/16 11:59	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			06/02/16 11:59	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/02/16 11:59	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			06/02/16 11:59	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			06/02/16 11:59	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			06/02/16 11:59	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			06/02/16 11:59	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			06/02/16 11:59	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			06/02/16 11:59	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			06/02/16 11:59	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			06/02/16 11:59	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			06/02/16 11:59	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			06/02/16 11:59	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/02/16 11:59	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			06/02/16 11:59	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			06/02/16 11:59	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			06/02/16 11:59	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			06/02/16 11:59	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			06/02/16 11:59	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			06/02/16 11:59	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			06/02/16 11:59	1
2-Hexanone	4.4	U	10	4.4	ug/L			06/02/16 11:59	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			06/02/16 11:59	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			06/02/16 11:59	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			06/02/16 11:59	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			06/02/16 11:59	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			06/02/16 11:59	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			06/02/16 11:59	1
Naphthalene	2.5	U	5.0	2.5	ug/L			06/02/16 11:59	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			06/02/16 11:59	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			06/02/16 11:59	1
o-Xylene	0.50	U	1.0	0.50	ug/L			06/02/16 11:59	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			06/02/16 11:59	1
Styrene	0.98	U	2.0	0.98	ug/L			06/02/16 11:59	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			06/02/16 11:59	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			06/02/16 11:59	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/02/16 11:59	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			06/02/16 11:59	1
Toluene	0.51	U	1.0	0.51	ug/L			06/02/16 11:59	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/02/16 11:59	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			06/02/16 11:59	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			06/02/16 11:59	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			06/02/16 11:59	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			06/02/16 11:59	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			06/02/16 11:59	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/02/16 11:59	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			06/02/16 11:59	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-170136/7
Matrix: Water
Analysis Batch: 170136

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			06/02/16 11:59	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			06/02/16 11:59	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			06/02/16 11:59	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/02/16 11:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*06/02/16 11:59*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*06/02/16 11:59*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*06/02/16 11:59*	*1*

Lab Sample ID: LCS 660-170136/4
Matrix: Water
Analysis Batch: 170136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	101		ug/L		101	62 - 142
Benzene	10.0	10.4		ug/L		104	68 - 134
Bromobenzene	10.0	10.5		ug/L		105	70 - 130
Bromoform	10.0	9.79		ug/L		98	65 - 130
Bromomethane	10.0	8.69		ug/L		87	22 - 150
2-Butanone (MEK)	100	105		ug/L		105	63 - 140
Carbon disulfide	10.0	10.6		ug/L		106	30 - 150
Carbon tetrachloride	10.0	10.3		ug/L		103	61 - 134
Chlorobenzene	10.0	10.2		ug/L		102	70 - 130
Chlorobromomethane	10.0	10.3		ug/L		103	70 - 130
Chlorodibromomethane	10.0	9.87		ug/L		99	70 - 130
Chloroethane	10.0	11.3		ug/L		113	39 - 150
Chloroform	10.0	10.0		ug/L		100	68 - 130
Chloromethane	10.0	10.2		ug/L		102	35 - 150
2-Chlorotoluene	10.0	10.6		ug/L		106	70 - 130
4-Chlorotoluene	10.0	10.4		ug/L		104	70 - 130
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	66 - 130
cis-1,3-Dichloropropene	10.0	10.4		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.1		ug/L		101	63 - 130
Dibromomethane	10.0	10.0		ug/L		100	70 - 130
1,2-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
1,3-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
Dichlorobromomethane	10.0	9.97		ug/L		100	70 - 130
Dichlorodifluoromethane	10.0	10.7		ug/L		107	16 - 149
1,1-Dichloroethane	10.0	10.0		ug/L		100	66 - 130
1,2-Dichloroethane	10.0	10.2		ug/L		102	70 - 130
1,1-Dichloroethene	10.0	10.3		ug/L		103	51 - 150
1,2-Dichloropropane	10.0	10.1		ug/L		101	70 - 130
1,3-Dichloropropane	10.0	9.78		ug/L		98	70 - 130
2,2-Dichloropropane	10.0	10.1		ug/L		101	66 - 134
1,1-Dichloropropene	10.0	10.6		ug/L		106	65 - 136
Ethylbenzene	10.0	10.5		ug/L		105	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-170136/4
Matrix: Water
Analysis Batch: 170136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	10.0	9.66		ug/L		97	66 - 130
Hexachlorobutadiene	10.0	10.2		ug/L		102	62 - 143
2-Hexanone	100	103		ug/L		103	60 - 148
Isopropylbenzene	10.0	10.8		ug/L		108	62 - 130
4-Isopropyltoluene	10.0	8.87		ug/L		89	65 - 134
Methylene Chloride	10.0	11.2		ug/L		112	57 - 130
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	64 - 137
Methyl tert-butyl ether	10.0	10.1		ug/L		101	67 - 130
Naphthalene	10.0	10.6		ug/L		106	50 - 136
n-Butylbenzene	10.0	10.0		ug/L		100	61 - 131
N-Propylbenzene	10.0	10.5		ug/L		105	67 - 130
o-Xylene	10.0	10.6		ug/L		106	69 - 130
sec-Butylbenzene	10.0	10.5		ug/L		105	68 - 133
Styrene	10.0	10.4		ug/L		104	68 - 131
tert-Butylbenzene	10.0	10.5		ug/L		105	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.71		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.0		ug/L		100	70 - 130
Tetrachloroethene	10.0	11.8		ug/L		118	50 - 143
Toluene	10.0	10.2		ug/L		102	70 - 131
trans-1,2-Dichloroethene	10.0	10.4		ug/L		104	62 - 139
trans-1,3-Dichloropropene	10.0	9.91		ug/L		99	67 - 130
1,2,3-Trichlorobenzene	10.0	10.4		ug/L		104	58 - 132
1,2,4-Trichlorobenzene	10.0	10.4		ug/L		104	66 - 130
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	63 - 132
1,1,2-Trichloroethane	10.0	10.0		ug/L		100	70 - 130
Trichloroethene	10.0	10.6		ug/L		106	63 - 139
Trichlorofluoromethane	10.0	10.5		ug/L		105	62 - 146
1,2,3-Trichloropropane	10.0	10.1		ug/L		101	66 - 130
1,2,4-Trimethylbenzene	10.0	8.34		ug/L		83	70 - 132
1,3,5-Trimethylbenzene	10.0	8.66		ug/L		87	65 - 134
Vinyl chloride	10.0	11.1		ug/L		111	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 660-170136/5
Matrix: Water
Analysis Batch: 170136

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	103		ug/L		103	62 - 142	2	30
Benzene	10.0	9.84		ug/L		98	68 - 134	5	30
Bromobenzene	10.0	9.99		ug/L		100	70 - 130	5	30
Bromoform	10.0	9.95		ug/L		100	65 - 130	2	30
Bromomethane	10.0	8.41		ug/L		84	22 - 150	3	30
2-Butanone (MEK)	100	105		ug/L		105	63 - 140	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-170136/5
Matrix: Water
Analysis Batch: 170136

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide			10.0	9.96		ug/L		100	30 - 150	6	30
Carbon tetrachloride			10.0	10.2		ug/L		102	61 - 134	1	30
Chlorobenzene			10.0	10.1		ug/L		101	70 - 130	1	30
Chlorobromomethane			10.0	10.4		ug/L		104	70 - 130	1	30
Chlorodibromomethane			10.0	9.79		ug/L		98	70 - 130	1	30
Chloroethane			10.0	9.85		ug/L		99	39 - 150	13	30
Chloroform			10.0	9.66		ug/L		97	68 - 130	4	30
Chloromethane			10.0	10.0		ug/L		100	35 - 150	1	30
2-Chlorotoluene			10.0	10.3		ug/L		103	70 - 130	3	30
4-Chlorotoluene			10.0	10.2		ug/L		102	70 - 130	2	30
cis-1,2-Dichloroethene			10.0	10.2		ug/L		102	66 - 130	2	30
cis-1,3-Dichloropropene			10.0	10.1		ug/L		101	70 - 130	3	30
1,2-Dibromo-3-Chloropropane			10.0	10.6		ug/L		106	63 - 130	4	30
Dibromomethane			10.0	9.73		ug/L		97	70 - 130	3	30
1,2-Dichlorobenzene			10.0	10.1		ug/L		101	70 - 130	2	30
1,3-Dichlorobenzene			10.0	10.3		ug/L		103	70 - 130	2	30
1,4-Dichlorobenzene			10.0	10.2		ug/L		102	70 - 130	0	30
Dichlorobromomethane			10.0	9.91		ug/L		99	70 - 130	1	30
Dichlorodifluoromethane			10.0	10.4		ug/L		104	16 - 149	3	30
1,1-Dichloroethane			10.0	9.77		ug/L		98	66 - 130	3	30
1,2-Dichloroethane			10.0	9.91		ug/L		99	70 - 130	2	30
1,1-Dichloroethene			10.0	10.2		ug/L		102	51 - 150	1	30
1,2-Dichloropropane			10.0	10.0		ug/L		100	70 - 130	1	30
1,3-Dichloropropane			10.0	10.3		ug/L		103	70 - 130	5	30
2,2-Dichloropropane			10.0	10.0		ug/L		100	66 - 134	1	30
1,1-Dichloropropene			10.0	10.4		ug/L		104	65 - 136	2	30
Ethylbenzene			10.0	10.1		ug/L		101	70 - 130	3	30
Ethylene Dibromide			10.0	10.1		ug/L		101	66 - 130	4	30
Hexachlorobutadiene			10.0	10.2		ug/L		102	62 - 143	1	30
2-Hexanone			100	102		ug/L		102	60 - 148	0	30
Isopropylbenzene			10.0	10.3		ug/L		103	62 - 130	4	30
4-Isopropyltoluene			10.0	9.04		ug/L		90	65 - 134	2	30
Methylene Chloride			10.0	10.9		ug/L		109	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)			100	102		ug/L		102	64 - 137	0	30
Methyl tert-butyl ether			10.0	10.3		ug/L		103	67 - 130	1	30
Naphthalene			10.0	10.6		ug/L		106	50 - 136	0	30
n-Butylbenzene			10.0	10.5		ug/L		105	61 - 131	4	30
N-Propylbenzene			10.0	10.3		ug/L		103	67 - 130	1	30
o-Xylene			10.0	10.5		ug/L		105	69 - 130	1	30
sec-Butylbenzene			10.0	10.5		ug/L		105	68 - 133	0	30
Styrene			10.0	10.6		ug/L		106	68 - 131	2	30
tert-Butylbenzene			10.0	10.2		ug/L		102	64 - 130	2	30
1,1,1,2-Tetrachloroethane			10.0	10.0		ug/L		100	70 - 130	3	30
1,1,2,2-Tetrachloroethane			10.0	9.97		ug/L		100	70 - 130	0	30
Tetrachloroethene			10.0	10.1		ug/L		101	50 - 143	16	30
Toluene			10.0	9.77		ug/L		98	70 - 131	5	30
trans-1,2-Dichloroethene			10.0	9.71		ug/L		97	62 - 139	7	30
trans-1,3-Dichloropropene			10.0	10.3		ug/L		103	67 - 130	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-170136/5
Matrix: Water
Analysis Batch: 170136

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene			10.0	10.7		ug/L		107	58 - 132	3	30
1,2,4-Trichlorobenzene			10.0	10.3		ug/L		103	66 - 130	1	30
1,1,1-Trichloroethane			10.0	9.99		ug/L		100	63 - 132	3	30
1,1,2-Trichloroethane			10.0	9.88		ug/L		99	70 - 130	1	30
Trichloroethene			10.0	10.4		ug/L		104	63 - 139	3	30
Trichlorofluoromethane			10.0	10.0		ug/L		100	62 - 146	4	30
1,2,3-Trichloropropane			10.0	10.4		ug/L		104	66 - 130	3	30
1,2,4-Trimethylbenzene			10.0	8.74		ug/L		87	70 - 132	5	30
1,3,5-Trimethylbenzene			10.0	8.89		ug/L		89	65 - 134	3	30
Vinyl chloride			10.0	11.0		ug/L		110	48 - 147	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*96*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-170089/7
Matrix: Water
Analysis Batch: 170089

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			06/01/16 11:47	1

Lab Sample ID: LCS 660-170089/4
Matrix: Water
Analysis Batch: 170089

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	10.0		ug/L		100	50 - 150		

Lab Sample ID: LCSD 660-170089/5
Matrix: Water
Analysis Batch: 170089

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.72		ug/L		87	50 - 150	14	50

Lab Sample ID: 660-74081-6 MS
Matrix: Water
Analysis Batch: 170089

Client Sample ID: SGE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	10.9		ug/L		109	50 - 150		

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-74081-6 MSD
Matrix: Water
Analysis Batch: 170089

Client Sample ID: SGE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	11.0		ug/L		110	50 - 150	1	50

GC/MS VOA

Analysis Batch: 170053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-74042-A-1 DU	Duplicate	Total/NA	Water	8260B	
660-74042-A-2 MS	Matrix Spike	Total/NA	Water	8260B	
660-74081-2	AOP-A Eff	Total/NA	Water	8260B	
660-74081-3	AOP-B Eff	Total/NA	Water	8260B	
660-74081-4	AOP-C Eff	Total/NA	Water	8260B	
660-74081-5	PGE	Total/NA	Water	8260B	
660-74081-6	SGE	Total/NA	Water	8260B	
LCS 660-170053/13	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-170053/28	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-170053/15	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 170089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-74081-1	AOP Feed	Total/NA	Water	8260C SIM	
660-74081-2	AOP-A Eff	Total/NA	Water	8260C SIM	
660-74081-3	AOP-B Eff	Total/NA	Water	8260C SIM	
660-74081-4	AOP-C Eff	Total/NA	Water	8260C SIM	
660-74081-5	PGE	Total/NA	Water	8260C SIM	
660-74081-6	SGE	Total/NA	Water	8260C SIM	
660-74081-6 MS	SGE	Total/NA	Water	8260C SIM	
660-74081-6 MSD	SGE	Total/NA	Water	8260C SIM	
660-74081-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-170089/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-170089/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-170089/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 170136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-74081-1	AOP Feed	Total/NA	Water	8260B	
660-74081-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-170136/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-170136/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-170136/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Client Sample ID: AOP Feed
Date Collected: 05/31/16 09:00
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170136	06/02/16 14:18	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170089	06/01/16 14:34	TGP	TAL TAM

Client Sample ID: AOP-A Eff
Date Collected: 05/31/16 09:05
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170053	05/31/16 18:44	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170089	06/01/16 12:05	TGP	TAL TAM

Client Sample ID: AOP-B Eff
Date Collected: 05/31/16 09:10
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170053	05/31/16 19:04	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170089	06/01/16 12:24	TGP	TAL TAM

Client Sample ID: AOP-C Eff
Date Collected: 05/31/16 09:15
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170053	05/31/16 19:25	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170089	06/01/16 12:42	TGP	TAL TAM

Client Sample ID: PGE
Date Collected: 05/31/16 09:20
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170053	05/31/16 19:45	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170089	06/01/16 13:01	TGP	TAL TAM

Client Sample ID: SGE
Date Collected: 05/31/16 09:20
Date Received: 05/31/16 15:10

Lab Sample ID: 660-74081-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170053	05/31/16 20:05	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Client Sample ID: SGE

Lab Sample ID: 660-74081-6

Date Collected: 05/31/16 09:20
Matrix: Water
Date Received: 05/31/16 15:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170089	06/01/16 13:19	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-74081-7

Date Collected: 05/31/16 09:30
Matrix: Water
Date Received: 05/31/16 15:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170136	06/02/16 14:37	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170089	06/01/16 14:52	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Sarasota	TAT Requested (days): 24 hour turn		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243			
Phone: 941-929-8747	PO # 73752ACM - Lew Davies Project and task - 60480333 09.01		Other:
Email: Darrin.Johnson@aecom.com	WO #:		
Project Name: Process Sampling	Project #:		
Site: Tallevast	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A			
AOP Feed	5/31/16	9:00	G	Water	N	N	2	2			160 gpm - 2103 at 13 gpm
AOP-A Eff	5/31/16	9:05	G	Water	N	N	2	2			AOPs at 64, 56, 44
AOP-B Eff	5/31/16	9:10	G	Water	N	N	2	2			H2O2 at 60 mg/L
AOP-C Eff	5/31/16	9:15	G	Water	N	N	2	2			75% Lamps
PGE	5/31/16	9:20	G	Water	N	N	2	2			
SGE	5/31/16	9:25	G	Water	N	N	2	2			
Combined Influent	5/31/16	9:30	G	Water	N	N		2	2		

660-74081 Chain of Custody

Loc: 660
74081

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time:	Company
				5-27-16 1400	ACOM
Relinquished by:	Date/Time: 5-31-16	Company AECOM	Received by:	Date/Time: 5-31-16 1253	Company TA TPA
Relinquished by:	Date/Time: 5/31/16 1510	Company TATPA	Received by:	Date/Time: 5/31/16 1510	Company TA TPA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		18/1.6 CUT01

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6/2/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-74081-1

Login Number: 74081
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74081-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-74351-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
6/15/2016 5:04:39 PM
Jess Hornsby, Project Manager I
(813)885-7427
jess.hornsby@testamericainc.com

Designee for

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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Case Narrative

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Job ID: 660-74351-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-74351-1

Comments
No additional comments.

Receipt
The samples were received on 6/13/2016 3:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 170550 recovered outside control limits for the following analytes: trichlorofluoromethane and dichlorofluoromethane.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-74351-1	AOP FEED	Water	06/13/16 09:00	06/13/16 15:25
660-74351-2	AOP-A EFF	Water	06/13/16 09:05	06/13/16 15:25
660-74351-3	AOP-B EFF	Water	06/13/16 09:10	06/13/16 15:25
660-74351-4	AOP-C EFF	Water	06/13/16 09:15	06/13/16 15:25
660-74351-5	PGE	Water	06/13/16 09:20	06/13/16 15:25
660-74351-6	SGE	Water	06/13/16 09:25	06/13/16 15:25
660-74351-7	Combined Influent	Water	06/13/16 09:30	06/13/16 15:25

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Client Sample ID: AOP FEED — Lab Sample ID: 660-74351-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	10		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.1		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	50		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A EFF — Lab Sample ID: 660-74351-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.4		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B EFF — Lab Sample ID: 660-74351-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.1		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C EFF — Lab Sample ID: 660-74351-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.7		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.0		1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-74351-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.3	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-74351-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.6	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-74351-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	5.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	20		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	15		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	21		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.2		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	44		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Client Sample ID: AOP FEED
Date Collected: 06/13/16 09:00
Date Received: 06/13/16 15:25

Lab Sample ID: 660-74351-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.6		1.0	0.52	ug/L			06/15/16 13:01	1
1,1-Dichloroethene	10		1.0	0.67	ug/L			06/15/16 13:01	1
cis-1,2-Dichloroethene	14		1.0	0.65	ug/L			06/15/16 13:01	1
Tetrachloroethene	8.3		1.0	0.50	ug/L			06/15/16 13:01	1
Trichloroethene	13		1.0	0.61	ug/L			06/15/16 13:01	1
Vinyl chloride	1.1		1.0	0.71	ug/L			06/15/16 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*06/15/16 13:01*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*06/15/16 13:01*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*06/15/16 13:01*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	50		2.0	1.0	ug/L			06/14/16 18:08	1

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Client Sample ID: AOP-A EFF

Date Collected: 06/13/16 09:05
Date Received: 06/13/16 15:25

Lab Sample ID: 660-74351-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.4**		1.0	0.52	ug/L			06/15/16 10:29	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/15/16 10:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/15/16 10:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			06/15/16 10:29	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/15/16 10:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/15/16 10:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*06/15/16 10:29*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*06/15/16 10:29*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*06/15/16 10:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			06/14/16 15:32	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Client Sample ID: AOP-B EFF

Lab Sample ID: 660-74351-3

Date Collected: 06/13/16 09:10

Matrix: Water

Date Received: 06/13/16 15:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.1**		1.0	0.52	ug/L			06/15/16 10:47	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/15/16 10:47	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/15/16 10:47	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			06/15/16 10:47	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/15/16 10:47	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/15/16 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*06/15/16 10:47*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*06/15/16 10:47*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*06/15/16 10:47*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			06/14/16 15:51	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Client Sample ID: AOP-C EFF

Lab Sample ID: 660-74351-4

Date Collected: 06/13/16 09:15

Matrix: Water

Date Received: 06/13/16 15:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.7**		1.0	0.52	ug/L			06/15/16 12:03	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/15/16 12:03	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/15/16 12:03	1
Tetrachloroethene	**1.0**		1.0	0.50	ug/L			06/15/16 12:03	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/15/16 12:03	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/15/16 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*06/15/16 12:03*	*1*
Dibromofluoromethane	*115*		*70 - 130*		*06/15/16 12:03*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*06/15/16 12:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.8**		2.0	1.0	ug/L			06/14/16 17:09	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Client Sample ID: PGE
Date Collected: 06/13/16 09:20
Date Received: 06/13/16 15:25

Lab Sample ID: 660-74351-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			06/15/16 12:22	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/15/16 12:22	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/15/16 12:22	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			06/15/16 12:22	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/15/16 12:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/15/16 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*06/15/16 12:22*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*06/15/16 12:22*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/15/16 12:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.3**	**I**	2.0	1.0	ug/L			06/14/16 17:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Client Sample ID: SGE
Date Collected: 06/13/16 09:25
Date Received: 06/13/16 15:25

Lab Sample ID: 660-74351-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**1.2**		1.0	0.52	ug/L			06/15/16 12:42	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/15/16 12:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/15/16 12:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			06/15/16 12:42	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/15/16 12:42	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/15/16 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*06/15/16 12:42*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*06/15/16 12:42*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*06/15/16 12:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.6**	**I**	2.0	1.0	ug/L			06/14/16 17:49	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Client Sample ID: Combined Influent
Date Collected: 06/13/16 09:30
Date Received: 06/13/16 15:25

Lab Sample ID: 660-74351-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			06/15/16 13:21	1
Benzene	0.50	U	1.0	0.50	ug/L			06/15/16 13:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			06/15/16 13:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			06/15/16 13:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			06/15/16 13:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			06/15/16 13:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			06/15/16 13:21	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			06/15/16 13:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			06/15/16 13:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			06/15/16 13:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			06/15/16 13:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			06/15/16 13:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			06/15/16 13:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			06/15/16 13:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			06/15/16 13:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			06/15/16 13:21	1
cis-1,2-Dichloroethene	**18**		1.0	0.65	ug/L			06/15/16 13:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			06/15/16 13:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			06/15/16 13:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			06/15/16 13:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			06/15/16 13:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			06/15/16 13:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			06/15/16 13:21	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			06/15/16 13:21	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			06/15/16 13:21	1
1,1-Dichloroethane	**5.8**		1.0	0.52	ug/L			06/15/16 13:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			06/15/16 13:21	1
1,1-Dichloroethene	**20**		1.0	0.67	ug/L			06/15/16 13:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			06/15/16 13:21	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			06/15/16 13:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			06/15/16 13:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			06/15/16 13:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			06/15/16 13:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			06/15/16 13:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			06/15/16 13:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			06/15/16 13:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			06/15/16 13:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			06/15/16 13:21	1
Methylene Chloride	5.0	U	10	5.0	ug/L			06/15/16 13:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			06/15/16 13:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			06/15/16 13:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			06/15/16 13:21	1
Naphthalene	2.5	U	5.0	2.5	ug/L			06/15/16 13:21	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			06/15/16 13:21	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			06/15/16 13:21	1
o-Xylene	0.50	U	1.0	0.50	ug/L			06/15/16 13:21	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			06/15/16 13:21	1
Styrene	0.98	U	2.0	0.98	ug/L			06/15/16 13:21	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			06/15/16 13:21	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-74351-7
Matrix: Water
Date Collected: 06/13/16 09:30
Date Received: 06/13/16 15:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			06/15/16 13:21	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/15/16 13:21	1
Tetrachloroethene	**15**		1.0	0.50	ug/L			06/15/16 13:21	1
Toluene	0.51	U	1.0	0.51	ug/L			06/15/16 13:21	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/15/16 13:21	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			06/15/16 13:21	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			06/15/16 13:21	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			06/15/16 13:21	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			06/15/16 13:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			06/15/16 13:21	1
Trichloroethene	**21**		1.0	0.61	ug/L			06/15/16 13:21	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			06/15/16 13:21	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			06/15/16 13:21	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			06/15/16 13:21	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			06/15/16 13:21	1
Vinyl chloride	**3.2**		1.0	0.71	ug/L			06/15/16 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*06/15/16 13:21*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*06/15/16 13:21*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*06/15/16 13:21*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**44**		2.0	1.0	ug/L			06/14/16 18:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-170550/7
Matrix: Water
Analysis Batch: 170550

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			06/15/16 10:01	1
Benzene	0.50	U	1.0	0.50	ug/L			06/15/16 10:01	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			06/15/16 10:01	1
Bromoform	0.63	U	1.0	0.63	ug/L			06/15/16 10:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			06/15/16 10:01	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			06/15/16 10:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			06/15/16 10:01	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			06/15/16 10:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			06/15/16 10:01	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			06/15/16 10:01	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			06/15/16 10:01	1
Chloroethane	2.5	U	5.0	2.5	ug/L			06/15/16 10:01	1
Chloroform	0.90	U	1.0	0.90	ug/L			06/15/16 10:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			06/15/16 10:01	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			06/15/16 10:01	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			06/15/16 10:01	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/15/16 10:01	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			06/15/16 10:01	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			06/15/16 10:01	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			06/15/16 10:01	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			06/15/16 10:01	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			06/15/16 10:01	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			06/15/16 10:01	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			06/15/16 10:01	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			06/15/16 10:01	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			06/15/16 10:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			06/15/16 10:01	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/15/16 10:01	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			06/15/16 10:01	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			06/15/16 10:01	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			06/15/16 10:01	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			06/15/16 10:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			06/15/16 10:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			06/15/16 10:01	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			06/15/16 10:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			06/15/16 10:01	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			06/15/16 10:01	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			06/15/16 10:01	1
Methylene Chloride	5.0	U	10	5.0	ug/L			06/15/16 10:01	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			06/15/16 10:01	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			06/15/16 10:01	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			06/15/16 10:01	1
Naphthalene	2.5	U	5.0	2.5	ug/L			06/15/16 10:01	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			06/15/16 10:01	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			06/15/16 10:01	1
o-Xylene	0.50	U	1.0	0.50	ug/L			06/15/16 10:01	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			06/15/16 10:01	1
Styrene	0.98	U	2.0	0.98	ug/L			06/15/16 10:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-170550/7
Matrix: Water
Analysis Batch: 170550

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			06/15/16 10:01	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			06/15/16 10:01	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/15/16 10:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			06/15/16 10:01	1
Toluene	0.51	U	1.0	0.51	ug/L			06/15/16 10:01	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/15/16 10:01	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			06/15/16 10:01	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			06/15/16 10:01	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			06/15/16 10:01	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			06/15/16 10:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			06/15/16 10:01	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/15/16 10:01	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			06/15/16 10:01	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			06/15/16 10:01	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			06/15/16 10:01	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			06/15/16 10:01	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/15/16 10:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*06/15/16 10:01*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*06/15/16 10:01*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*06/15/16 10:01*	*1*

Lab Sample ID: LCS 660-170550/4
Matrix: Water
Analysis Batch: 170550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	90.6		ug/L		91	62 - 142
Benzene	10.0	8.66		ug/L		87	68 - 134
Bromobenzene	10.0	9.38		ug/L		94	70 - 130
Bromoform	10.0	9.85		ug/L		98	65 - 130
Bromomethane	10.0	7.55		ug/L		76	22 - 150
2-Butanone (MEK)	100	84.2		ug/L		84	63 - 140
Carbon disulfide	10.0	7.87		ug/L		79	30 - 150
Carbon tetrachloride	10.0	9.46		ug/L		95	61 - 134
Chlorobenzene	10.0	9.32		ug/L		93	70 - 130
Chlorobromomethane	10.0	9.45		ug/L		94	70 - 130
Chlorodibromomethane	10.0	11.0		ug/L		110	70 - 130
Chloroethane	10.0	8.40		ug/L		84	39 - 150
Chloroform	10.0	9.22		ug/L		92	68 - 130
Chloromethane	10.0	7.68		ug/L		77	35 - 150
2-Chlorotoluene	10.0	8.98		ug/L		90	70 - 130
4-Chlorotoluene	10.0	8.06		ug/L		81	70 - 130
cis-1,2-Dichloroethene	10.0	9.11		ug/L		91	66 - 130
cis-1,3-Dichloropropene	10.0	9.06		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	11.5		ug/L		115	63 - 130
Dibromomethane	10.0	10.5		ug/L		105	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-170550/4
Matrix: Water
Analysis Batch: 170550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	9.66		ug/L		97	70 - 130
1,3-Dichlorobenzene	10.0	9.25		ug/L		92	70 - 130
1,4-Dichlorobenzene	10.0	9.32		ug/L		93	70 - 130
Dichlorobromomethane	10.0	9.95		ug/L		99	70 - 130
Dichlorodifluoromethane	10.0	7.44		ug/L		74	16 - 149
1,1-Dichloroethane	10.0	8.02		ug/L		80	66 - 130
1,2-Dichloroethane	10.0	10.5		ug/L		105	70 - 130
1,1-Dichloroethene	10.0	8.31		ug/L		83	51 - 150
1,2-Dichloropropane	10.0	8.29		ug/L		83	70 - 130
1,3-Dichloropropane	10.0	9.73		ug/L		97	70 - 130
2,2-Dichloropropane	10.0	8.61		ug/L		86	66 - 134
1,1-Dichloropropene	10.0	8.28		ug/L		83	65 - 136
Ethylbenzene	10.0	8.58		ug/L		86	70 - 130
Ethylene Dibromide	10.0	10.4		ug/L		104	66 - 130
Hexachlorobutadiene	10.0	8.79		ug/L		88	62 - 143
2-Hexanone	100	103		ug/L		103	60 - 148
Isopropylbenzene	10.0	8.79		ug/L		88	62 - 130
4-Isopropyltoluene	10.0	8.65		ug/L		86	65 - 134
Methylene Chloride	10.0	8.92	I	ug/L		89	57 - 130
4-Methyl-2-pentanone (MIBK)	100	107		ug/L		107	64 - 137
Methyl tert-butyl ether	10.0	11.6		ug/L		116	67 - 130
Naphthalene	10.0	10.0		ug/L		100	50 - 136
n-Butylbenzene	10.0	8.19		ug/L		82	61 - 131
N-Propylbenzene	10.0	8.33		ug/L		83	67 - 130
o-Xylene	10.0	9.26		ug/L		93	69 - 130
sec-Butylbenzene	10.0	8.46		ug/L		85	68 - 133
Styrene	10.0	9.47		ug/L		95	68 - 131
tert-Butylbenzene	10.0	8.53		ug/L		85	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.6		ug/L		106	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.5		ug/L		105	70 - 130
Tetrachloroethene	10.0	10.3		ug/L		103	50 - 143
Toluene	10.0	8.47		ug/L		85	70 - 131
trans-1,2-Dichloroethene	10.0	8.56		ug/L		86	62 - 139
trans-1,3-Dichloropropene	10.0	9.93		ug/L		99	67 - 130
1,2,3-Trichlorobenzene	10.0	10.7		ug/L		107	58 - 132
1,2,4-Trichlorobenzene	10.0	9.49		ug/L		95	66 - 130
1,1,1-Trichloroethane	10.0	9.15		ug/L		91	63 - 132
1,1,2-Trichloroethane	10.0	9.15		ug/L		91	70 - 130
Trichloroethene	10.0	10.1		ug/L		101	63 - 139
Trichlorofluoromethane	10.0	8.17		ug/L		82	62 - 146
1,2,3-Trichloropropane	10.0	11.5		ug/L		115	66 - 130
1,2,4-Trimethylbenzene	10.0	8.91		ug/L		89	70 - 132
1,3,5-Trimethylbenzene	10.0	8.53		ug/L		85	65 - 134
Vinyl chloride	10.0	7.86		ug/L		79	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-170550/4
Matrix: Water
Analysis Batch: 170550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 660-170550/5
Matrix: Water
Analysis Batch: 170550

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	91.2		ug/L		91	62 - 142	1	30
Benzene			10.0	9.68		ug/L		97	68 - 134	11	30
Bromobenzene			10.0	10.7		ug/L		107	70 - 130	13	30
Bromoform			10.0	12.7		ug/L		127	65 - 130	25	30
Bromomethane			10.0	8.60		ug/L		86	22 - 150	13	30
2-Butanone (MEK)			100	72.0		ug/L		72	63 - 140	16	30
Carbon disulfide			10.0	9.53		ug/L		95	30 - 150	19	30
Carbon tetrachloride			10.0	10.9		ug/L		109	61 - 134	14	30
Chlorobenzene			10.0	9.54		ug/L		95	70 - 130	2	30
Chlorobromomethane			10.0	10.6		ug/L		106	70 - 130	12	30
Chlorodibromomethane			10.0	12.2		ug/L		122	70 - 130	11	30
Chloroethane			10.0	8.63		ug/L		86	39 - 150	3	30
Chloroform			10.0	10.5		ug/L		105	68 - 130	13	30
Chloromethane			10.0	8.26		ug/L		83	35 - 150	7	30
2-Chlorotoluene			10.0	10.2		ug/L		102	70 - 130	12	30
4-Chlorotoluene			10.0	9.41		ug/L		94	70 - 130	15	30
cis-1,2-Dichloroethene			10.0	9.19		ug/L		92	66 - 130	1	30
cis-1,3-Dichloropropene			10.0	10.1		ug/L		101	70 - 130	11	30
1,2-Dibromo-3-Chloropropane			10.0	9.81		ug/L		98	63 - 130	16	30
Dibromomethane			10.0	10.5		ug/L		105	70 - 130	1	30
1,2-Dichlorobenzene			10.0	9.84		ug/L		98	70 - 130	2	30
1,3-Dichlorobenzene			10.0	10.1		ug/L		101	70 - 130	9	30
1,4-Dichlorobenzene			10.0	10.5		ug/L		105	70 - 130	11	30
Dichlorobromomethane			10.0	11.4		ug/L		114	70 - 130	14	30
Dichlorodifluoromethane			10.0	10.2	J3	ug/L		102	16 - 149	31	30
1,1-Dichloroethane			10.0	9.42		ug/L		94	66 - 130	16	30
1,2-Dichloroethane			10.0	11.5		ug/L		115	70 - 130	10	30
1,1-Dichloroethene			10.0	8.92		ug/L		89	51 - 150	7	30
1,2-Dichloropropane			10.0	9.62		ug/L		96	70 - 130	15	30
1,3-Dichloropropane			10.0	10.0		ug/L		100	70 - 130	3	30
2,2-Dichloropropane			10.0	10.4		ug/L		104	66 - 134	18	30
1,1-Dichloropropene			10.0	9.76		ug/L		98	65 - 136	16	30
Ethylbenzene			10.0	10.0		ug/L		100	70 - 130	15	30
Ethylene Dibromide			10.0	10.8		ug/L		108	66 - 130	3	30
Hexachlorobutadiene			10.0	8.77		ug/L		88	62 - 143	0	30
2-Hexanone			100	100		ug/L		100	60 - 148	3	30
Isopropylbenzene			10.0	10.8		ug/L		108	62 - 130	21	30
4-Isopropyltoluene			10.0	10.2		ug/L		102	65 - 134	16	30
Methylene Chloride			10.0	9.11	I	ug/L		91	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)			100	105		ug/L		105	64 - 137	2	30
Methyl tert-butyl ether			10.0	10.8		ug/L		108	67 - 130	7	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-170550/5
Matrix: Water
Analysis Batch: 170550

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	10.1		ug/L		101	50 - 136	1	30
n-Butylbenzene			10.0	9.30		ug/L		93	61 - 131	13	30
N-Propylbenzene			10.0	9.91		ug/L		99	67 - 130	17	30
o-Xylene			10.0	10.3		ug/L		103	69 - 130	10	30
sec-Butylbenzene			10.0	10.0		ug/L		100	68 - 133	17	30
Styrene			10.0	10.3		ug/L		103	68 - 131	8	30
tert-Butylbenzene			10.0	11.3		ug/L		113	64 - 130	28	30
1,1,1,2-Tetrachloroethane			10.0	10.7		ug/L		107	70 - 130	2	30
1,1,2,2-Tetrachloroethane			10.0	10.3		ug/L		103	70 - 130	2	30
Tetrachloroethene			10.0	10.6		ug/L		106	50 - 143	3	30
Toluene			10.0	10.1		ug/L		101	70 - 131	18	30
trans-1,2-Dichloroethene			10.0	9.80		ug/L		98	62 - 139	14	30
trans-1,3-Dichloropropene			10.0	11.0		ug/L		110	67 - 130	10	30
1,2,3-Trichlorobenzene			10.0	10.6		ug/L		106	58 - 132	0	30
1,2,4-Trichlorobenzene			10.0	10.8		ug/L		108	66 - 130	13	30
1,1,1-Trichloroethane			10.0	11.3		ug/L		113	63 - 132	21	30
1,1,2-Trichloroethane			10.0	8.96		ug/L		90	70 - 130	2	30
Trichloroethene			10.0	11.3		ug/L		113	63 - 139	11	30
Trichlorofluoromethane			10.0	11.2	J3	ug/L		112	62 - 146	31	30
1,2,3-Trichloropropane			10.0	11.9		ug/L		119	66 - 130	3	30
1,2,4-Trimethylbenzene			10.0	9.87		ug/L		99	70 - 132	10	30
1,3,5-Trimethylbenzene			10.0	9.83		ug/L		98	65 - 134	14	30
Vinyl chloride			10.0	7.79		ug/L		78	48 - 147	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-74351-3 MS
Matrix: Water
Analysis Batch: 170550

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	16	I	100	107		ug/L		91	62 - 142
Benzene	0.50	U	10.0	8.86		ug/L		89	68 - 134
Bromobenzene	0.58	U	10.0	9.17		ug/L		92	70 - 130
Bromoform	0.63	U	10.0	12.3		ug/L		123	65 - 130
Bromomethane	2.5	U	10.0	6.33		ug/L		63	22 - 150
2-Butanone (MEK)	8.4	U	100	80.8		ug/L		81	63 - 140
Carbon disulfide	1.0	U	10.0	8.22		ug/L		82	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.30		ug/L		93	61 - 134
Chlorobenzene	0.63	U	10.0	8.56		ug/L		86	70 - 130
Chlorobromomethane	0.58	U	10.0	10.7		ug/L		107	70 - 130
Chlorodibromomethane	0.31	U	10.0	11.3		ug/L		113	70 - 130
Chloroethane	2.5	U	10.0	7.48		ug/L		75	39 - 150
Chloroform	0.90	U	10.0	9.13		ug/L		91	68 - 130
Chloromethane	1.0	U	10.0	6.59		ug/L		66	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-74351-3 MS
Matrix: Water
Analysis Batch: 170550

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	8.87		ug/L		89	70 - 130
4-Chlorotoluene	0.52	U	10.0	8.60		ug/L		86	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	8.95		ug/L		90	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.08		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	11.4		ug/L		114	63 - 130
Dibromomethane	0.46	U	10.0	10.6		ug/L		106	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.30		ug/L		93	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.13		ug/L		91	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.30		ug/L		93	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.3		ug/L		103	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	6.88		ug/L		69	16 - 149
1,1-Dichloroethane	3.1		10.0	11.7		ug/L		86	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.5		ug/L		115	70 - 130
1,1-Dichloroethene	0.67	U	10.0	9.34		ug/L		93	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.97		ug/L		90	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.6		ug/L		106	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.12		ug/L		91	66 - 134
1,1-Dichloropropene	0.65	U	10.0	8.84		ug/L		88	65 - 136
Ethylbenzene	0.44	U	10.0	8.80		ug/L		88	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.2		ug/L		112	66 - 130
Hexachlorobutadiene	0.34	U	10.0	7.89		ug/L		79	62 - 143
2-Hexanone	4.4	U	100	112		ug/L		112	60 - 148
Isopropylbenzene	0.52	U	10.0	9.08		ug/L		91	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.14		ug/L		91	65 - 134
Methylene Chloride	5.0	U	10.0	7.17	I	ug/L		72	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	116		ug/L		116	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	11.8		ug/L		118	67 - 130
Naphthalene	2.5	U	10.0	10.3		ug/L		103	50 - 136
n-Butylbenzene	0.67	U	10.0	8.53		ug/L		85	61 - 131
N-Propylbenzene	0.59	U	10.0	8.60		ug/L		86	67 - 130
o-Xylene	0.50	U	10.0	9.53		ug/L		95	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.54		ug/L		85	68 - 133
Styrene	0.98	U	10.0	9.53		ug/L		95	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.30		ug/L		93	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.4		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.0		ug/L		100	70 - 130
Tetrachloroethene	0.50	U	10.0	9.81		ug/L		98	50 - 143
Toluene	0.51	U	10.0	9.53		ug/L		95	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.89		ug/L		89	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.8		ug/L		108	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.7		ug/L		107	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.09		ug/L		91	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.3		ug/L		103	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.3		ug/L		103	70 - 130
Trichloroethene	0.61	U	10.0	9.42		ug/L		94	63 - 139
Trichlorofluoromethane	2.5	U J3	10.0	8.78		ug/L		88	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.3		ug/L		103	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	8.61		ug/L		86	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-74351-3 MS
Matrix: Water
Analysis Batch: 170550

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	8.89		ug/L		89	65 - 134
Vinyl chloride	0.71	U	10.0	7.04		ug/L		70	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*108*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-74351-2 DU
Matrix: Water
Analysis Batch: 170550

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	16	I	16.2	I	ug/L		0.5	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U J3	2.5	U J3	ug/L		NC	30
1,1-Dichloroethane	3.4		3.30		ug/L		2	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-74351-2 DU
Matrix: Water
Analysis Batch: 170550

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U	J3	2.5	U	J3	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-170536/7
Matrix: Water
Analysis Batch: 170536

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			06/14/16 14:53	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-170536/4
Matrix: Water
Analysis Batch: 170536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	9.08		ug/L		91	50 - 150		

Lab Sample ID: LCSD 660-170536/5
Matrix: Water
Analysis Batch: 170536

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	9.35		ug/L		94	50 - 150	3	50

Lab Sample ID: 660-74351-3 MS
Matrix: Water
Analysis Batch: 170536

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	7.42		ug/L		74	50 - 150		

Lab Sample ID: 660-74351-3 MSD
Matrix: Water
Analysis Batch: 170536

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	7.78		ug/L		78	50 - 150	5	50

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

GC/MS VOA

Analysis Batch: 170536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-74351-1	AOP FEED	Total/NA	Water	8260C SIM	
660-74351-2	AOP-A EFF	Total/NA	Water	8260C SIM	
660-74351-3	AOP-B EFF	Total/NA	Water	8260C SIM	
660-74351-3 MS	AOP-B EFF	Total/NA	Water	8260C SIM	
660-74351-3 MSD	AOP-B EFF	Total/NA	Water	8260C SIM	
660-74351-4	AOP-C EFF	Total/NA	Water	8260C SIM	
660-74351-5	PGE	Total/NA	Water	8260C SIM	
660-74351-6	SGE	Total/NA	Water	8260C SIM	
660-74351-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-170536/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-170536/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-170536/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 170550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-74351-1	AOP FEED	Total/NA	Water	8260B	
660-74351-2	AOP-A EFF	Total/NA	Water	8260B	
660-74351-2 DU	AOP-A EFF	Total/NA	Water	8260B	
660-74351-3	AOP-B EFF	Total/NA	Water	8260B	
660-74351-3 MS	AOP-B EFF	Total/NA	Water	8260B	
660-74351-4	AOP-C EFF	Total/NA	Water	8260B	
660-74351-5	PGE	Total/NA	Water	8260B	
660-74351-6	SGE	Total/NA	Water	8260B	
660-74351-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-170550/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-170550/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-170550/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Client Sample ID: AOP FEED
Date Collected: 06/13/16 09:00
Date Received: 06/13/16 15:25

Lab Sample ID: 660-74351-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170550	06/15/16 13:01	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170536	06/14/16 18:08	TGP	TAL TAM

Client Sample ID: AOP-A EFF
Date Collected: 06/13/16 09:05
Date Received: 06/13/16 15:25

Lab Sample ID: 660-74351-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170550	06/15/16 10:29	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170536	06/14/16 15:32	TGP	TAL TAM

Client Sample ID: AOP-B EFF
Date Collected: 06/13/16 09:10
Date Received: 06/13/16 15:25

Lab Sample ID: 660-74351-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170550	06/15/16 10:47	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170536	06/14/16 15:51	TGP	TAL TAM

Client Sample ID: AOP-C EFF
Date Collected: 06/13/16 09:15
Date Received: 06/13/16 15:25

Lab Sample ID: 660-74351-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170550	06/15/16 12:03	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170536	06/14/16 17:09	TGP	TAL TAM

Client Sample ID: PGE
Date Collected: 06/13/16 09:20
Date Received: 06/13/16 15:25

Lab Sample ID: 660-74351-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170550	06/15/16 12:22	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170536	06/14/16 17:29	TGP	TAL TAM

Client Sample ID: SGE
Date Collected: 06/13/16 09:25
Date Received: 06/13/16 15:25

Lab Sample ID: 660-74351-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170550	06/15/16 12:42	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Client Sample ID: SGE

Lab Sample ID: 660-74351-6

Date Collected: 06/13/16 09:25
Date Received: 06/13/16 15:25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170536	06/14/16 17:49	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-74351-7

Date Collected: 06/13/16 09:30
Date Received: 06/13/16 15:25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	170550	06/15/16 13:21	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	170536	06/14/16 18:27	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16 *

* Certification renewal pending - certification considered valid.

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO # 73752ACM - Lew Davies Project and task - 60480333 09.01			
Email: Darrin.Johnson@aecom.com	WO #			
Project Name: Process Sampling	Project #			
Site: Tallevast	SSOW#			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Loc: 660
74351

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List							Total Number of containers	Special Instructions/Note:
Preservation Code:							A	A									
AOP Feed	6/13/16	9.00	G	Water	N	N	2	2									160 gpm - 2103 at 13 gpm
AOP-A Eff	6/13/16	9:05	G	Water	N	N	2	2									AOPs at 64, 56, 44
AOP-B Eff	6/13/16	9:10	G	Water	N	N	2	2									H2O2 at 60 mg/L
AOP-C Eff	6/13/16	9:15	G	Water	N	N	2	2									75% Lamps
PGE	6/13/16	9:20	G	Water	N	N	2	2									
SGE	6/13/16	9:25	G	Water	N	N	2	2									
Combined Influent	6/13/16	9:30	G	Water	N	N		2	2								

660-74351 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee n ☐ Return To Client ☐ ***ab*** ☐ ***Archive For*** _____ ***Months*** ***amples are retained longer than 1 month)***

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 6-13-16	Company AECOM	Received by:	Date/Time: 6-13-16 14:10	Company FedEx
Relinquished by:	Date/Time: 6-13-16 15:25	Company FedEx	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.0/2.8

6/15/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-74351-1

Login Number: 74351
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74351-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-74652-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
6/29/2016 3:43:52 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-74652-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-74652-1

Comments
No additional comments.

Receipt
The samples were received on 6/27/2016 2:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-74652-1	AOP Feed	Water	06/27/16 09:00	06/27/16 14:15
660-74652-2	AOP-A Eff	Water	06/27/16 09:05	06/27/16 14:15
660-74652-3	AOP-B Eff	Water	06/27/16 09:10	06/27/16 14:15
660-74652-4	AOP-C Eff	Water	06/27/16 09:15	06/27/16 14:15
660-74652-5	PGE	Water	06/27/16 09:20	06/27/16 14:15
660-74652-6	SGE	Water	06/27/16 09:25	06/27/16 14:15
660-74652-7	Combined Influent	Water	06/27/16 09:30	06/27/16 14:15

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-74652-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.6		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	12		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.1		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	10		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	39		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A Eff — Lab Sample ID: 660-74652-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.6		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B Eff — Lab Sample ID: 660-74652-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.1		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C Eff — Lab Sample ID: 660-74652-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.7		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.82	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-74652-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-74652-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.1	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-74652-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	18		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	11		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	16		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.7		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	38		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Client Sample ID: AOP Feed
Date Collected: 06/27/16 09:00
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.0		1.0	0.52	ug/L			06/29/16 13:06	1
1,1-Dichloroethene	8.6		1.0	0.67	ug/L			06/29/16 13:06	1
cis-1,2-Dichloroethene	12		1.0	0.65	ug/L			06/29/16 13:06	1
Tetrachloroethene	6.1		1.0	0.50	ug/L			06/29/16 13:06	1
Trichloroethene	10		1.0	0.61	ug/L			06/29/16 13:06	1
Vinyl chloride	1.3		1.0	0.71	ug/L			06/29/16 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*06/29/16 13:06*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*06/29/16 13:06*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*06/29/16 13:06*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	39		2.0	1.0	ug/L			06/28/16 17:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Client Sample ID: AOP-A Eff

Date Collected: 06/27/16 09:05
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.6**		1.0	0.52	ug/L			06/29/16 10:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/29/16 10:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/29/16 10:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			06/29/16 10:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/29/16 10:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/29/16 10:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*06/29/16 10:38*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*06/29/16 10:38*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*06/29/16 10:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			06/28/16 14:45	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Client Sample ID: AOP-B Eff
Date Collected: 06/27/16 09:10
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.1**		1.0	0.52	ug/L			06/29/16 11:15	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/29/16 11:15	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/29/16 11:15	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			06/29/16 11:15	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/29/16 11:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/29/16 11:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*06/29/16 11:15*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*06/29/16 11:15*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*06/29/16 11:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			06/28/16 15:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Client Sample ID: AOP-C Eff

Date Collected: 06/27/16 09:15
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.7**		1.0	0.52	ug/L			06/29/16 12:10	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/29/16 12:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/29/16 12:10	1
Tetrachloroethene	**0.82**	**I**	1.0	0.50	ug/L			06/29/16 12:10	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/29/16 12:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/29/16 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*06/29/16 12:10*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*06/29/16 12:10*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*06/29/16 12:10*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.8**		2.0	1.0	ug/L			06/28/16 16:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Client Sample ID: PGE
Date Collected: 06/27/16 09:20
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.2**		1.0	0.52	ug/L			06/29/16 12:29	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/29/16 12:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/29/16 12:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			06/29/16 12:29	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/29/16 12:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/29/16 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*06/29/16 12:29*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*06/29/16 12:29*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*06/29/16 12:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**	**I**	2.0	1.0	ug/L			06/28/16 16:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Client Sample ID: SGE
Date Collected: 06/27/16 09:25
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**1.9**		1.0	0.52	ug/L			06/29/16 12:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/29/16 12:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/29/16 12:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			06/29/16 12:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/29/16 12:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/29/16 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*06/29/16 12:48*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*06/29/16 12:48*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*06/29/16 12:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.1**	**I**	2.0	1.0	ug/L			06/28/16 16:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Client Sample ID: Combined Influent
Date Collected: 06/27/16 09:30
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			06/29/16 13:25	1
Benzene	0.50	U	1.0	0.50	ug/L			06/29/16 13:25	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			06/29/16 13:25	1
Bromoform	0.63	U	1.0	0.63	ug/L			06/29/16 13:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			06/29/16 13:25	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			06/29/16 13:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			06/29/16 13:25	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			06/29/16 13:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			06/29/16 13:25	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			06/29/16 13:25	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			06/29/16 13:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			06/29/16 13:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			06/29/16 13:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			06/29/16 13:25	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			06/29/16 13:25	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			06/29/16 13:25	1
cis-1,2-Dichloroethene	**15**		1.0	0.65	ug/L			06/29/16 13:25	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			06/29/16 13:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			06/29/16 13:25	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			06/29/16 13:25	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			06/29/16 13:25	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			06/29/16 13:25	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			06/29/16 13:25	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			06/29/16 13:25	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			06/29/16 13:25	1
1,1-Dichloroethane	**6.2**		1.0	0.52	ug/L			06/29/16 13:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			06/29/16 13:25	1
1,1-Dichloroethene	**18**		1.0	0.67	ug/L			06/29/16 13:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			06/29/16 13:25	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			06/29/16 13:25	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			06/29/16 13:25	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			06/29/16 13:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			06/29/16 13:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			06/29/16 13:25	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			06/29/16 13:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			06/29/16 13:25	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			06/29/16 13:25	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			06/29/16 13:25	1
Methylene Chloride	5.0	U	10	5.0	ug/L			06/29/16 13:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			06/29/16 13:25	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			06/29/16 13:25	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			06/29/16 13:25	1
Naphthalene	2.5	U	5.0	2.5	ug/L			06/29/16 13:25	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			06/29/16 13:25	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			06/29/16 13:25	1
o-Xylene	0.50	U	1.0	0.50	ug/L			06/29/16 13:25	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			06/29/16 13:25	1
Styrene	0.98	U	2.0	0.98	ug/L			06/29/16 13:25	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			06/29/16 13:25	1

Client Sample ID: Combined Influent
Date Collected: 06/27/16 09:30
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			06/29/16 13:25	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/29/16 13:25	1
Tetrachloroethene	**11**		1.0	0.50	ug/L			06/29/16 13:25	1
Toluene	0.51	U	1.0	0.51	ug/L			06/29/16 13:25	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/29/16 13:25	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			06/29/16 13:25	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			06/29/16 13:25	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			06/29/16 13:25	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			06/29/16 13:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			06/29/16 13:25	1
Trichloroethene	**16**		1.0	0.61	ug/L			06/29/16 13:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			06/29/16 13:25	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			06/29/16 13:25	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			06/29/16 13:25	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			06/29/16 13:25	1
Vinyl chloride	**3.7**		1.0	0.71	ug/L			06/29/16 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*06/29/16 13:25*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*06/29/16 13:25*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*06/29/16 13:25*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**38**		2.0	1.0	ug/L			06/28/16 17:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-171093/6
Matrix: Water
Analysis Batch: 171093

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			06/29/16 10:06	1
Benzene	0.50	U	1.0	0.50	ug/L			06/29/16 10:06	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			06/29/16 10:06	1
Bromoform	0.63	U	1.0	0.63	ug/L			06/29/16 10:06	1
Bromomethane	2.5	U	5.0	2.5	ug/L			06/29/16 10:06	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			06/29/16 10:06	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			06/29/16 10:06	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			06/29/16 10:06	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			06/29/16 10:06	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			06/29/16 10:06	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			06/29/16 10:06	1
Chloroethane	2.5	U	5.0	2.5	ug/L			06/29/16 10:06	1
Chloroform	0.90	U	1.0	0.90	ug/L			06/29/16 10:06	1
Chloromethane	1.0	U	4.0	1.0	ug/L			06/29/16 10:06	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			06/29/16 10:06	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			06/29/16 10:06	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			06/29/16 10:06	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			06/29/16 10:06	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			06/29/16 10:06	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			06/29/16 10:06	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			06/29/16 10:06	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			06/29/16 10:06	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			06/29/16 10:06	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			06/29/16 10:06	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			06/29/16 10:06	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			06/29/16 10:06	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			06/29/16 10:06	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/29/16 10:06	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			06/29/16 10:06	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			06/29/16 10:06	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			06/29/16 10:06	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			06/29/16 10:06	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			06/29/16 10:06	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			06/29/16 10:06	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			06/29/16 10:06	1
2-Hexanone	4.4	U	10	4.4	ug/L			06/29/16 10:06	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			06/29/16 10:06	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			06/29/16 10:06	1
Methylene Chloride	5.0	U	10	5.0	ug/L			06/29/16 10:06	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			06/29/16 10:06	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			06/29/16 10:06	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			06/29/16 10:06	1
Naphthalene	2.5	U	5.0	2.5	ug/L			06/29/16 10:06	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			06/29/16 10:06	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			06/29/16 10:06	1
o-Xylene	0.50	U	1.0	0.50	ug/L			06/29/16 10:06	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			06/29/16 10:06	1
Styrene	0.98	U	2.0	0.98	ug/L			06/29/16 10:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-171093/6
Matrix: Water
Analysis Batch: 171093

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			06/29/16 10:06	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			06/29/16 10:06	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			06/29/16 10:06	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			06/29/16 10:06	1
Toluene	0.51	U	1.0	0.51	ug/L			06/29/16 10:06	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			06/29/16 10:06	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			06/29/16 10:06	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			06/29/16 10:06	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			06/29/16 10:06	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			06/29/16 10:06	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			06/29/16 10:06	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			06/29/16 10:06	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			06/29/16 10:06	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			06/29/16 10:06	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			06/29/16 10:06	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			06/29/16 10:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			06/29/16 10:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*06/29/16 10:06*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*06/29/16 10:06*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/29/16 10:06*	*1*

Lab Sample ID: LCS 660-171093/4
Matrix: Water
Analysis Batch: 171093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	104		ug/L		104	62 - 142
Benzene	10.0	10.0		ug/L		100	68 - 134
Bromobenzene	10.0	10.5		ug/L		105	70 - 130
Bromoform	10.0	9.92		ug/L		99	65 - 130
Bromomethane	10.0	10.1		ug/L		101	22 - 150
2-Butanone (MEK)	100	83.2		ug/L		83	63 - 140
Carbon disulfide	10.0	10.3		ug/L		103	30 - 150
Carbon tetrachloride	10.0	10.3		ug/L		103	61 - 134
Chlorobenzene	10.0	10.2		ug/L		102	70 - 130
Chlorobromomethane	10.0	9.09		ug/L		91	70 - 130
Chlorodibromomethane	10.0	9.52		ug/L		95	70 - 130
Chloroethane	10.0	10.3		ug/L		103	39 - 150
Chloroform	10.0	9.98		ug/L		100	68 - 130
Chloromethane	10.0	11.1		ug/L		111	35 - 150
2-Chlorotoluene	10.0	10.5		ug/L		105	70 - 130
4-Chlorotoluene	10.0	10.3		ug/L		103	70 - 130
cis-1,2-Dichloroethene	10.0	9.76		ug/L		98	66 - 130
cis-1,3-Dichloropropene	10.0	9.52		ug/L		95	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.96		ug/L		100	63 - 130
Dibromomethane	10.0	9.15		ug/L		92	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-171093/4
Matrix: Water
Analysis Batch: 171093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
1,3-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
1,4-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
Dichlorobromomethane	10.0	9.92		ug/L		99	70 - 130
Dichlorodifluoromethane	10.0	12.2		ug/L		122	16 - 149
1,1-Dichloroethane	10.0	9.99		ug/L		100	66 - 130
1,2-Dichloroethane	10.0	9.72		ug/L		97	70 - 130
1,1-Dichloroethene	10.0	10.1		ug/L		101	51 - 150
1,2-Dichloropropane	10.0	9.34		ug/L		93	70 - 130
1,3-Dichloropropane	10.0	9.30		ug/L		93	70 - 130
2,2-Dichloropropane	10.0	9.81		ug/L		98	66 - 134
1,1-Dichloropropene	10.0	9.91		ug/L		99	65 - 136
Ethylbenzene	10.0	9.96		ug/L		100	70 - 130
Ethylene Dibromide	10.0	9.29		ug/L		93	66 - 130
Hexachlorobutadiene	10.0	10.5		ug/L		105	62 - 143
2-Hexanone	100	82.3		ug/L		82	60 - 148
Isopropylbenzene	10.0	10.6		ug/L		106	62 - 130
4-Isopropyltoluene	10.0	8.37		ug/L		84	65 - 134
Methylene Chloride	10.0	9.40	I	ug/L		94	57 - 130
4-Methyl-2-pentanone (MIBK)	100	82.9		ug/L		83	64 - 137
Methyl tert-butyl ether	10.0	8.63		ug/L		86	67 - 130
Naphthalene	10.0	8.94		ug/L		89	50 - 136
n-Butylbenzene	10.0	8.49		ug/L		85	61 - 131
N-Propylbenzene	10.0	10.6		ug/L		106	67 - 130
o-Xylene	10.0	9.76		ug/L		98	69 - 130
sec-Butylbenzene	10.0	9.32		ug/L		93	68 - 133
Styrene	10.0	8.42		ug/L		84	68 - 131
tert-Butylbenzene	10.0	10.7		ug/L		107	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.41		ug/L		94	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.97		ug/L		100	70 - 130
Tetrachloroethene	10.0	9.93		ug/L		99	50 - 143
Toluene	10.0	9.81		ug/L		98	70 - 131
trans-1,2-Dichloroethene	10.0	11.1		ug/L		111	62 - 139
trans-1,3-Dichloropropene	10.0	7.75		ug/L		78	67 - 130
1,2,3-Trichlorobenzene	10.0	10.1		ug/L		101	58 - 132
1,2,4-Trichlorobenzene	10.0	9.89		ug/L		99	66 - 130
1,1,1-Trichloroethane	10.0	10.5		ug/L		105	63 - 132
1,1,2-Trichloroethane	10.0	9.18		ug/L		92	70 - 130
Trichloroethene	10.0	9.73		ug/L		97	63 - 139
Trichlorofluoromethane	10.0	9.83		ug/L		98	62 - 146
1,2,3-Trichloropropane	10.0	10.0		ug/L		100	66 - 130
1,2,4-Trimethylbenzene	10.0	8.04		ug/L		80	70 - 132
1,3,5-Trimethylbenzene	10.0	8.27		ug/L		83	65 - 134
Vinyl chloride	10.0	11.2		ug/L		112	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-171093/4
Matrix: Water
Analysis Batch: 171093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 660-171093/18
Matrix: Water
Analysis Batch: 171093

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	101		ug/L		101	62 - 142	2	30
Benzene			10.0	10.3		ug/L		103	68 - 134	3	30
Bromobenzene			10.0	10.3		ug/L		103	70 - 130	2	30
Bromoform			10.0	10.8		ug/L		108	65 - 130	9	30
Bromomethane			10.0	8.95		ug/L		89	22 - 150	12	30
2-Butanone (MEK)			100	86.9		ug/L		87	63 - 140	4	30
Carbon disulfide			10.0	9.75		ug/L		97	30 - 150	6	30
Carbon tetrachloride			10.0	10.1		ug/L		101	61 - 134	2	30
Chlorobenzene			10.0	10.1		ug/L		101	70 - 130	1	30
Chlorobromomethane			10.0	9.59		ug/L		96	70 - 130	5	30
Chlorodibromomethane			10.0	10.0		ug/L		100	70 - 130	5	30
Chloroethane			10.0	11.0		ug/L		110	39 - 150	6	30
Chloroform			10.0	10.4		ug/L		104	68 - 130	4	30
Chloromethane			10.0	11.3		ug/L		113	35 - 150	2	30
2-Chlorotoluene			10.0	10.2		ug/L		102	70 - 130	3	30
4-Chlorotoluene			10.0	10.2		ug/L		102	70 - 130	1	30
cis-1,2-Dichloroethene			10.0	9.70		ug/L		97	66 - 130	1	30
cis-1,3-Dichloropropene			10.0	10.1		ug/L		101	70 - 130	6	30
1,2-Dibromo-3-Chloropropane			10.0	10.0		ug/L		100	63 - 130	0	30
Dibromomethane			10.0	9.50		ug/L		95	70 - 130	4	30
1,2-Dichlorobenzene			10.0	9.76		ug/L		98	70 - 130	4	30
1,3-Dichlorobenzene			10.0	9.96		ug/L		100	70 - 130	4	30
1,4-Dichlorobenzene			10.0	10.3		ug/L		103	70 - 130	1	30
Dichlorobromomethane			10.0	10.1		ug/L		101	70 - 130	2	30
Dichlorodifluoromethane			10.0	11.8		ug/L		118	16 - 149	3	30
1,1-Dichloroethane			10.0	9.65		ug/L		96	66 - 130	3	30
1,2-Dichloroethane			10.0	9.80		ug/L		98	70 - 130	1	30
1,1-Dichloroethene			10.0	9.57		ug/L		96	51 - 150	5	30
1,2-Dichloropropane			10.0	10.0		ug/L		100	70 - 130	7	30
1,3-Dichloropropane			10.0	9.89		ug/L		99	70 - 130	6	30
2,2-Dichloropropane			10.0	9.12		ug/L		91	66 - 134	7	30
1,1-Dichloropropene			10.0	9.74		ug/L		97	65 - 136	2	30
Ethylbenzene			10.0	10.2		ug/L		102	70 - 130	2	30
Ethylene Dibromide			10.0	9.60		ug/L		96	66 - 130	3	30
Hexachlorobutadiene			10.0	10.1		ug/L		101	62 - 143	3	30
2-Hexanone			100	88.2		ug/L		88	60 - 148	7	30
Isopropylbenzene			10.0	9.96		ug/L		100	62 - 130	6	30
4-Isopropyltoluene			10.0	8.14		ug/L		81	65 - 134	3	30
Methylene Chloride			10.0	8.78	I	ug/L		88	57 - 130	7	30
4-Methyl-2-pentanone (MIBK)			100	88.6		ug/L		89	64 - 137	7	30
Methyl tert-butyl ether			10.0	9.22		ug/L		92	67 - 130	7	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-171093/18
Matrix: Water
Analysis Batch: 171093

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	9.50		ug/L		95	50 - 136	6	30
n-Butylbenzene			10.0	8.18		ug/L		82	61 - 131	4	30
N-Propylbenzene			10.0	10.0		ug/L		100	67 - 130	6	30
o-Xylene			10.0	9.91		ug/L		99	69 - 130	2	30
sec-Butylbenzene			10.0	8.69		ug/L		87	68 - 133	7	30
Styrene			10.0	8.37		ug/L		84	68 - 131	1	30
tert-Butylbenzene			10.0	10.5		ug/L		105	64 - 130	2	30
1,1,1,2-Tetrachloroethane			10.0	10.2		ug/L		102	70 - 130	8	30
1,1,2,2-Tetrachloroethane			10.0	10.7		ug/L		107	70 - 130	7	30
Tetrachloroethene			10.0	13.2		ug/L		132	50 - 143	28	30
Toluene			10.0	10.1		ug/L		101	70 - 131	3	30
trans-1,2-Dichloroethene			10.0	10.8		ug/L		108	62 - 139	2	30
trans-1,3-Dichloropropene			10.0	8.16		ug/L		82	67 - 130	5	30
1,2,3-Trichlorobenzene			10.0	10.1		ug/L		101	58 - 132	0	30
1,2,4-Trichlorobenzene			10.0	9.71		ug/L		97	66 - 130	2	30
1,1,1-Trichloroethane			10.0	10.0		ug/L		100	63 - 132	5	30
1,1,2-Trichloroethane			10.0	9.81		ug/L		98	70 - 130	7	30
Trichloroethene			10.0	10.1		ug/L		101	63 - 139	4	30
Trichlorofluoromethane			10.0	11.0		ug/L		110	62 - 146	11	30
1,2,3-Trichloropropane			10.0	10.5		ug/L		105	66 - 130	5	30
1,2,4-Trimethylbenzene			10.0	8.11		ug/L		81	70 - 132	1	30
1,3,5-Trimethylbenzene			10.0	8.29		ug/L		83	65 - 134	0	30
Vinyl chloride			10.0	11.1		ug/L		111	48 - 147	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-74652-3 MS
Matrix: Water
Analysis Batch: 171093

Client Sample ID: AOP-B Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	17	I	100	116		ug/L		98	62 - 142
Benzene	0.50	U	10.0	11.7		ug/L		117	68 - 134
Bromobenzene	0.58	U	10.0	11.9		ug/L		119	70 - 130
Bromoform	0.63	U	10.0	11.1		ug/L		111	65 - 130
Bromomethane	2.5	U	10.0	10.2		ug/L		102	22 - 150
2-Butanone (MEK)	8.4	U	100	89.7		ug/L		90	63 - 140
Carbon disulfide	1.0	U	10.0	11.8		ug/L		118	30 - 150
Carbon tetrachloride	0.43	U	10.0	12.9		ug/L		129	61 - 134
Chlorobenzene	0.63	U	10.0	11.7		ug/L		117	70 - 130
Chlorobromomethane	0.58	U	10.0	10.6		ug/L		106	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.6		ug/L		106	70 - 130
Chloroethane	2.5	U	10.0	10.7		ug/L		107	39 - 150
Chloroform	0.90	U	10.0	12.0		ug/L		120	68 - 130
Chloromethane	1.0	U	10.0	13.0		ug/L		130	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-74652-3 MS
Matrix: Water
Analysis Batch: 171093

Client Sample ID: AOP-B Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	11.9		ug/L		119	70 - 130
4-Chlorotoluene	0.52	U	10.0	12.1		ug/L		121	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	11.4		ug/L		114	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	11.0		ug/L		110	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.9		ug/L		109	63 - 130
Dibromomethane	0.46	U	10.0	11.0		ug/L		110	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.1		ug/L		111	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.3		ug/L		113	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.6		ug/L		116	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.5		ug/L		115	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	14.4		ug/L		144	16 - 149
1,1-Dichloroethane	3.1		10.0	15.1		ug/L		121	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.5		ug/L		115	70 - 130
1,1-Dichloroethene	0.67	U	10.0	11.7		ug/L		117	51 - 150
1,2-Dichloropropane	0.52	U	10.0	11.0		ug/L		110	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.9		ug/L		109	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.5		ug/L		115	66 - 134
1,1-Dichloropropene	0.65	U	10.0	12.2		ug/L		122	65 - 136
Ethylbenzene	0.44	U	10.0	11.7		ug/L		117	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.8		ug/L		108	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.7		ug/L		117	62 - 143
2-Hexanone	4.4	U	100	91.2		ug/L		91	60 - 148
Isopropylbenzene	0.52	U	10.0	12.1		ug/L		121	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.43		ug/L		94	65 - 134
Methylene Chloride	5.0	U	10.0	9.74	I	ug/L		97	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	87.6		ug/L		88	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.1		ug/L		101	67 - 130
Naphthalene	2.5	U	10.0	10.4		ug/L		104	50 - 136
n-Butylbenzene	0.67	U	10.0	9.60		ug/L		96	61 - 131
N-Propylbenzene	0.59	U	10.0	12.0		ug/L		120	67 - 130
o-Xylene	0.50	U	10.0	11.3		ug/L		113	69 - 130
sec-Butylbenzene	0.63	U	10.0	10.7		ug/L		107	68 - 133
Styrene	0.98	U	10.0	9.48		ug/L		95	68 - 131
tert-Butylbenzene	0.84	U	10.0	12.2		ug/L		122	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.6		ug/L		106	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	11.2		ug/L		112	70 - 130
Tetrachloroethene	0.50	U	10.0	11.5		ug/L		115	50 - 143
Toluene	0.51	U	10.0	11.7		ug/L		117	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	12.8		ug/L		128	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	8.92		ug/L		89	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.6		ug/L		106	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.5		ug/L		105	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.6		ug/L		126	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.5		ug/L		105	70 - 130
Trichloroethene	0.61	U	10.0	11.8		ug/L		118	63 - 139
Trichlorofluoromethane	2.5	U	10.0	12.2		ug/L		122	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.8		ug/L		108	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.32		ug/L		93	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-74652-3 MS
Matrix: Water
Analysis Batch: 171093

Client Sample ID: AOP-B Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	9.37		ug/L		94	65 - 134
Vinyl chloride	0.71	U	10.0	13.1		ug/L		131	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-74652-2 DU
Matrix: Water
Analysis Batch: 171093

Client Sample ID: AOP-A Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	13	I	15.1	I	ug/L		13	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	3.6		3.59		ug/L		0.5	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-74652-2 DU
Matrix: Water
Analysis Batch: 171093

Client Sample ID: AOP-A Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-171072/7
Matrix: Water
Analysis Batch: 171072

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			06/28/16 14:26	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-171072/4
Matrix: Water
Analysis Batch: 171072

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	8.06		ug/L		81	50 - 150		

Lab Sample ID: LCSD 660-171072/5
Matrix: Water
Analysis Batch: 171072

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.54		ug/L		85	50 - 150	6	50

Lab Sample ID: 660-74652-2 MS
Matrix: Water
Analysis Batch: 171072

Client Sample ID: AOP-A Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	9.74		ug/L		97	50 - 150		

Lab Sample ID: 660-74652-2 MSD
Matrix: Water
Analysis Batch: 171072

Client Sample ID: AOP-A Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	9.11		ug/L		91	50 - 150	7	50

GC/MS VOA

Analysis Batch: 171072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-74652-1	AOP Feed	Total/NA	Water	8260C SIM	
660-74652-2	AOP-A Eff	Total/NA	Water	8260C SIM	
660-74652-2 MS	AOP-A Eff	Total/NA	Water	8260C SIM	
660-74652-2 MSD	AOP-A Eff	Total/NA	Water	8260C SIM	
660-74652-3	AOP-B Eff	Total/NA	Water	8260C SIM	
660-74652-4	AOP-C Eff	Total/NA	Water	8260C SIM	
660-74652-5	PGE	Total/NA	Water	8260C SIM	
660-74652-6	SGE	Total/NA	Water	8260C SIM	
660-74652-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-171072/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-171072/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-171072/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 171093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-74652-1	AOP Feed	Total/NA	Water	8260B	
660-74652-2	AOP-A Eff	Total/NA	Water	8260B	
660-74652-2 DU	AOP-A Eff	Total/NA	Water	8260B	
660-74652-3	AOP-B Eff	Total/NA	Water	8260B	
660-74652-3 MS	AOP-B Eff	Total/NA	Water	8260B	
660-74652-4	AOP-C Eff	Total/NA	Water	8260B	
660-74652-5	PGE	Total/NA	Water	8260B	
660-74652-6	SGE	Total/NA	Water	8260B	
660-74652-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-171093/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-171093/18	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-171093/6	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Client Sample ID: AOP Feed
Date Collected: 06/27/16 09:00
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171093	06/29/16 13:06	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171072	06/28/16 17:13	TGP	TAL TAM

Client Sample ID: AOP-A Eff
Date Collected: 06/27/16 09:05
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171093	06/29/16 10:38	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171072	06/28/16 14:45	TGP	TAL TAM

Client Sample ID: AOP-B Eff
Date Collected: 06/27/16 09:10
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171093	06/29/16 11:15	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171072	06/28/16 15:59	TGP	TAL TAM

Client Sample ID: AOP-C Eff
Date Collected: 06/27/16 09:15
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171093	06/29/16 12:10	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171072	06/28/16 16:18	TGP	TAL TAM

Client Sample ID: PGE
Date Collected: 06/27/16 09:20
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171093	06/29/16 12:29	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171072	06/28/16 16:36	TGP	TAL TAM

Client Sample ID: SGE
Date Collected: 06/27/16 09:25
Date Received: 06/27/16 14:15

Lab Sample ID: 660-74652-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171093	06/29/16 12:48	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Client Sample ID: SGE

Lab Sample ID: 660-74652-6

Date Collected: 06/27/16 09:25
Matrix: Water
Date Received: 06/27/16 14:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171072	06/28/16 16:55	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-74652-7

Date Collected: 06/27/16 09:30
Matrix: Water
Date Received: 06/27/16 14:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171093	06/29/16 13:25	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171072	06/28/16 17:32	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16 *

* Certification renewal pending - certification considered valid.

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	
City: Sarasota	TAT Requested (days): 48 hour turn	
State, Zip: FL, 34243		
Phone: 941-929-8747	PO # 73752ACM - Lew Davies Project and task - 60480333 09.01	
Email: Darrin.Johnson@aecom.com	WO #	
Project Name: Process Sampling	Project #:	
Site: Tallevast	SSOW#:	

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List	Total Number of Containers	Special Instructions/Note:
			Preservation Code:				A	A			
AOP Feed	6/27/16	9:00	G	Water	N	N	2	2			160 gpm - 2103 at 13 gpm
AOP-A Eff	6/27/16	9:05	G	Water	N	N	2	2			AOPs at 64, 55, 45
AOP-B Eff	6/27/16	9:10	G	Water	N	N	2	2			H2O2 at 60 mg/L
AOP-C Eff	6/27/16	9:15	G	Water	N	N	2	2,			75% Lamps
PGE	6/27/16	9:20	G	Water	N	N	2	2			
SGE	6/27/16	9:25	G	Water	N	N	2	2			
Combined Influent	6/27/16	9:30	G	Water	N	N		2	2		

660-74652 Chain of Custody

Loc: 660
74652

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 6-24-16 1400	Company AECOM
Relinquished by:	Date/Time: 6-27-16 1230	Company AECOM	Received by:	Date/Time: 6-27-16 @ 1230	Company TA TPA
Relinquished by:	Date/Time: 6-27-16 @ 1415	Company TA TPA	Received by:	Date/Time: 6/27/16 1415	Company TA TPA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 5.0 / 5.4

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6/29/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-74652-1

Login Number: 74652
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74652-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-74787-1
Client Project/Site: Tallevast Misc Samples

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
7/7/2016 1:39:07 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Misc Samples

TestAmerica Job ID: 660-74787-1

Job ID: 660-74787-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-74787-1

Comments
No additional comments.

Receipt
The samples were received on 7/5/2016 2:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Misc Samples

TestAmerica Job ID: 660-74787-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-74787-1	AOP Feed	Water	07/05/16 09:00	07/05/16 14:50
660-74787-2	Combined AOP Effluent	Water	07/05/16 09:05	07/05/16 14:50

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Misc Samples

TestAmerica Job ID: 660-74787-1

Method	Method Description	Protocol	Laboratory
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Misc Samples

TestAmerica Job ID: 660-74787-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Misc Samples

TestAmerica Job ID: 660-74787-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-74787-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	44	J3	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined AOP Effluent — Lab Sample ID: 660-74787-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.8	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Misc Samples

TestAmerica Job ID: 660-74787-1

Client Sample ID: AOP Feed
Date Collected: 07/05/16 09:00
Date Received: 07/05/16 14:50

Lab Sample ID: 660-74787-1
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	44	J3	2.0	1.0	ug/L			07/06/16 13:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Misc Samples

TestAmerica Job ID: 660-74787-1

Client Sample ID: Combined AOP Effluent
Date Collected: 07/05/16 09:05
Date Received: 07/05/16 14:50

Lab Sample ID: 660-74787-2
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.8	I	2.0	1.0	ug/L			07/06/16 13:22	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-171311/7
Matrix: Water
Analysis Batch: 171311

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			07/06/16 11:59	1

Lab Sample ID: LCS 660-171311/4
Matrix: Water
Analysis Batch: 171311

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.53		ug/L		75	50 - 150

Lab Sample ID: LCSD 660-171311/5
Matrix: Water
Analysis Batch: 171311

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	8.83		ug/L		88	50 - 150	16	50

Lab Sample ID: 660-74787-1 MS
Matrix: Water
Analysis Batch: 171311

Client Sample ID: AOP Feed
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	44	J3	10.0	45.9	J3	ug/L		21	50 - 150

Lab Sample ID: 660-74787-1 MSD
Matrix: Water
Analysis Batch: 171311

Client Sample ID: AOP Feed
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	44	J3	10.0	55.6		ug/L		118	50 - 150	19	50

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Misc Samples

TestAmerica Job ID: 660-74787-1

GC/MS VOA

Analysis Batch: 171311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-74787-1	AOP Feed	Total/NA	Water	8260C SIM	
660-74787-1 MS	AOP Feed	Total/NA	Water	8260C SIM	
660-74787-1 MSD	AOP Feed	Total/NA	Water	8260C SIM	
660-74787-2	Combined AOP Effluent	Total/NA	Water	8260C SIM	
LCS 660-171311/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-171311/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-171311/7	Method Blank	Total/NA	Water	8260C SIM	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Misc Samples

TestAmerica Job ID: 660-74787-1

Client Sample ID: AOP Feed

Lab Sample ID: 660-74787-1

Date Collected: 07/05/16 09:00

Matrix: Water

Date Received: 07/05/16 14:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171311	07/06/16 13:41	TGP	TAL TAM

Client Sample ID: Combined AOP Effluent

Lab Sample ID: 660-74787-2

Date Collected: 07/05/16 09:05

Matrix: Water

Date Received: 07/05/16 14:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171311	07/06/16 13:22	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Misc Samples

TestAmerica Job ID: 660-74787-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-17

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:
City: Sarasota	TAT Requested (days): 1 week
State, Zip: FL, 34243	
Phone: 941-929-8747	Non-PO invoice - 60313454 18.05
Email: Darrin.Johnson@aecom.com	WO #:
Project Name: Misc samples	Project #:
Site: Tallevast	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A			
AOP Feed	7/5/16	9:00	G	Water	N	N		2			160 gpm - 2103 at 13 gpm
Combined AOP Effluent	7/5/16	9:05	G	Water	N	N		2			AOPs at 62, 54, 45
											H2O2 at 60 mg/L
											75% Lamps

660-74787 Chain of Custody

Loc: 660
74787

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 7-5-16 0900	Company AECOM
Relinquished by:	Date/Time: 7-5-16 @ 1150	Company AECOM	Received by:	Date/Time: 7-5-16 @ 1150	Company TATM
Relinquished by:	Date/Time: 7-5-16 @ 1450	Company TATM	Received by:	Date/Time: 7/5/16 1450	Company TATM

Custody Seals Intact: △ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.3/1.6 CB-09

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7/7/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-74787-1

Login Number: 74787
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Misc Samples

TestAmerica Job ID: 660-74787-1

Method	Method Description	Protocol	Laboratory
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-74892-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
7/13/2016 12:39:38 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Job ID: 660-74892-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-74892-1

Comments
No additional comments.

Receipt
The samples were received on 7/11/2016 3:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-74892-1	AOP Feed	Water	07/11/16 09:00	07/11/16 15:55
660-74892-2	AOP-A EFF	Water	07/11/16 09:05	07/11/16 15:55
660-74892-3	AOP-B EFF	Water	07/11/16 09:10	07/11/16 15:55
660-74892-4	AOP-C EFF	Water	07/11/16 09:15	07/11/16 15:55
660-74892-5	PGE	Water	07/11/16 09:20	07/11/16 15:55
660-74892-6	SGE	Water	07/11/16 09:25	07/11/16 15:55
660-74892-7	Combined Influent	Water	07/11/16 09:30	07/11/16 15:55

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-74892-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	7.4	J3	1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	11		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	5.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	9.5		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.4	J3	1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	47		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A EFF — Lab Sample ID: 660-74892-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.1		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B EFF — Lab Sample ID: 660-74892-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.9		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C EFF — Lab Sample ID: 660-74892-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.1		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.53	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-74892-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.1	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-74892-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.9	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-74892-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	18	J3	1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	10		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	15		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.9	J3	1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	39		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Client Sample ID: AOP Feed
Date Collected: 07/11/16 09:00
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.5		1.0	0.52	ug/L			07/12/16 16:29	1
1,1-Dichloroethene	7.4	J3	1.0	0.67	ug/L			07/12/16 16:29	1
cis-1,2-Dichloroethene	11		1.0	0.65	ug/L			07/12/16 16:29	1
Tetrachloroethene	5.3		1.0	0.50	ug/L			07/12/16 16:29	1
Trichloroethene	9.5		1.0	0.61	ug/L			07/12/16 16:29	1
Vinyl chloride	1.4	J3	1.0	0.71	ug/L			07/12/16 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*07/12/16 16:29*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*07/12/16 16:29*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*07/12/16 16:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	47		2.0	1.0	ug/L			07/12/16 17:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Client Sample ID: AOP-A EFF

Date Collected: 07/11/16 09:05
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.1**		1.0	0.52	ug/L			07/12/16 14:56	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			07/12/16 14:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/12/16 14:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/12/16 14:56	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			07/12/16 14:56	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			07/12/16 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*07/12/16 14:56*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*07/12/16 14:56*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*07/12/16 14:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			07/12/16 14:43	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Client Sample ID: AOP-B EFF
Date Collected: 07/11/16 09:10
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**2.9**		1.0	0.52	ug/L			07/12/16 15:15	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			07/12/16 15:15	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/12/16 15:15	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/12/16 15:15	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			07/12/16 15:15	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			07/12/16 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*07/12/16 15:15*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*07/12/16 15:15*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*07/12/16 15:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			07/12/16 15:58	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Client Sample ID: AOP-C EFF
Date Collected: 07/11/16 09:15
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.1**		1.0	0.52	ug/L			07/12/16 15:34	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			07/12/16 15:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/12/16 15:34	1
Tetrachloroethene	**0.53**	**I**	1.0	0.50	ug/L			07/12/16 15:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			07/12/16 15:34	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			07/12/16 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*07/12/16 15:34*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*07/12/16 15:34*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*07/12/16 15:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.9**		2.0	1.0	ug/L			07/12/16 16:17	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Client Sample ID: PGE
Date Collected: 07/11/16 09:20
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.6**		1.0	0.52	ug/L			07/12/16 15:52	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			07/12/16 15:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/12/16 15:52	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/12/16 15:52	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			07/12/16 15:52	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			07/12/16 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*07/12/16 15:52*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*07/12/16 15:52*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*07/12/16 15:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.1**	**I**	2.0	1.0	ug/L			07/12/16 16:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Client Sample ID: SGE
Date Collected: 07/11/16 09:25
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**2.4**		1.0	0.52	ug/L			07/12/16 16:11	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			07/12/16 16:11	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/12/16 16:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/12/16 16:11	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			07/12/16 16:11	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			07/12/16 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*07/12/16 16:11*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*07/12/16 16:11*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*07/12/16 16:11*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.9**	**I**	2.0	1.0	ug/L			07/12/16 16:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Client Sample ID: Combined Influent
Date Collected: 07/11/16 09:30
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			07/12/16 16:48	1
Benzene	0.50	U	1.0	0.50	ug/L			07/12/16 16:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			07/12/16 16:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			07/12/16 16:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			07/12/16 16:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			07/12/16 16:48	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			07/12/16 16:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			07/12/16 16:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			07/12/16 16:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			07/12/16 16:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			07/12/16 16:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			07/12/16 16:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			07/12/16 16:48	1
Chloromethane	1.0	U J3	4.0	1.0	ug/L			07/12/16 16:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			07/12/16 16:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			07/12/16 16:48	1
cis-1,2-Dichloroethene	**15**		1.0	0.65	ug/L			07/12/16 16:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			07/12/16 16:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			07/12/16 16:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			07/12/16 16:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			07/12/16 16:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			07/12/16 16:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			07/12/16 16:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			07/12/16 16:48	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			07/12/16 16:48	1
1,1-Dichloroethane	**6.1**		1.0	0.52	ug/L			07/12/16 16:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/12/16 16:48	1
1,1-Dichloroethene	**18**	**J3**	1.0	0.67	ug/L			07/12/16 16:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			07/12/16 16:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			07/12/16 16:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			07/12/16 16:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			07/12/16 16:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			07/12/16 16:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/12/16 16:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			07/12/16 16:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			07/12/16 16:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			07/12/16 16:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			07/12/16 16:48	1
Methylene Chloride	5.0	U	10	5.0	ug/L			07/12/16 16:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			07/12/16 16:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			07/12/16 16:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			07/12/16 16:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			07/12/16 16:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			07/12/16 16:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			07/12/16 16:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			07/12/16 16:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			07/12/16 16:48	1
Styrene	0.98	U	2.0	0.98	ug/L			07/12/16 16:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			07/12/16 16:48	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Client Sample ID: Combined Influent
Date Collected: 07/11/16 09:30
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			07/12/16 16:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			07/12/16 16:48	1
Tetrachloroethene	**10**		1.0	0.50	ug/L			07/12/16 16:48	1
Toluene	0.51	U	1.0	0.51	ug/L			07/12/16 16:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			07/12/16 16:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			07/12/16 16:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			07/12/16 16:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			07/12/16 16:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/12/16 16:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/12/16 16:48	1
Trichloroethene	**15**		1.0	0.61	ug/L			07/12/16 16:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			07/12/16 16:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			07/12/16 16:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			07/12/16 16:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			07/12/16 16:48	1
Vinyl chloride	**3.9**	**J3**	1.0	0.71	ug/L			07/12/16 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*07/12/16 16:48*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*07/12/16 16:48*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*07/12/16 16:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**39**		2.0	1.0	ug/L			07/12/16 17:33	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-171507/6
Matrix: Water
Analysis Batch: 171507

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			07/12/16 09:16	1
Benzene	0.50	U	1.0	0.50	ug/L			07/12/16 09:16	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			07/12/16 09:16	1
Bromoform	0.63	U	1.0	0.63	ug/L			07/12/16 09:16	1
Bromomethane	2.5	U	5.0	2.5	ug/L			07/12/16 09:16	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			07/12/16 09:16	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			07/12/16 09:16	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			07/12/16 09:16	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			07/12/16 09:16	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			07/12/16 09:16	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			07/12/16 09:16	1
Chloroethane	2.5	U	5.0	2.5	ug/L			07/12/16 09:16	1
Chloroform	0.90	U	1.0	0.90	ug/L			07/12/16 09:16	1
Chloromethane	1.0	U	4.0	1.0	ug/L			07/12/16 09:16	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			07/12/16 09:16	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			07/12/16 09:16	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/12/16 09:16	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			07/12/16 09:16	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			07/12/16 09:16	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			07/12/16 09:16	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			07/12/16 09:16	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			07/12/16 09:16	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			07/12/16 09:16	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			07/12/16 09:16	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			07/12/16 09:16	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			07/12/16 09:16	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/12/16 09:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			07/12/16 09:16	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			07/12/16 09:16	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			07/12/16 09:16	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			07/12/16 09:16	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			07/12/16 09:16	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			07/12/16 09:16	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/12/16 09:16	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			07/12/16 09:16	1
2-Hexanone	4.4	U	10	4.4	ug/L			07/12/16 09:16	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			07/12/16 09:16	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			07/12/16 09:16	1
Methylene Chloride	5.0	U	10	5.0	ug/L			07/12/16 09:16	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			07/12/16 09:16	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			07/12/16 09:16	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			07/12/16 09:16	1
Naphthalene	2.5	U	5.0	2.5	ug/L			07/12/16 09:16	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			07/12/16 09:16	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			07/12/16 09:16	1
o-Xylene	0.50	U	1.0	0.50	ug/L			07/12/16 09:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			07/12/16 09:16	1
Styrene	0.98	U	2.0	0.98	ug/L			07/12/16 09:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-171507/6
Matrix: Water
Analysis Batch: 171507

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			07/12/16 09:16	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			07/12/16 09:16	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			07/12/16 09:16	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/12/16 09:16	1
Toluene	0.51	U	1.0	0.51	ug/L			07/12/16 09:16	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			07/12/16 09:16	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			07/12/16 09:16	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			07/12/16 09:16	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			07/12/16 09:16	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/12/16 09:16	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/12/16 09:16	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			07/12/16 09:16	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			07/12/16 09:16	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			07/12/16 09:16	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			07/12/16 09:16	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			07/12/16 09:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			07/12/16 09:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*07/12/16 09:16*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*07/12/16 09:16*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*07/12/16 09:16*	*1*

Lab Sample ID: LCS 660-171507/4
Matrix: Water
Analysis Batch: 171507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	95.2		ug/L		95	62 - 142
Benzene	10.0	9.85		ug/L		98	68 - 134
Bromobenzene	10.0	11.0		ug/L		110	70 - 130
Bromoform	10.0	9.91		ug/L		99	65 - 130
Bromomethane	10.0	8.47		ug/L		85	22 - 150
2-Butanone (MEK)	100	78.3		ug/L		78	63 - 140
Carbon disulfide	10.0	8.66		ug/L		87	30 - 150
Carbon tetrachloride	10.0	10.4		ug/L		104	61 - 134
Chlorobenzene	10.0	10.4		ug/L		104	70 - 130
Chlorobromomethane	10.0	9.63		ug/L		96	70 - 130
Chlorodibromomethane	10.0	9.89		ug/L		99	70 - 130
Chloroethane	10.0	12.2		ug/L		122	39 - 150
Chloroform	10.0	9.81		ug/L		98	68 - 130
Chloromethane	10.0	10.4		ug/L		104	35 - 150
2-Chlorotoluene	10.0	10.6		ug/L		106	70 - 130
4-Chlorotoluene	10.0	11.1		ug/L		111	70 - 130
cis-1,2-Dichloroethene	10.0	9.56		ug/L		96	66 - 130
cis-1,3-Dichloropropene	10.0	10.6		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.24		ug/L		92	63 - 130
Dibromomethane	10.0	9.69		ug/L		97	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-171507/4
Matrix: Water
Analysis Batch: 171507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.7		ug/L		107	70 - 130
1,3-Dichlorobenzene	10.0	11.0		ug/L		110	70 - 130
1,4-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
Dichlorobromomethane	10.0	10.4		ug/L		104	70 - 130
Dichlorodifluoromethane	10.0	8.39		ug/L		84	16 - 149
1,1-Dichloroethane	10.0	10.2		ug/L		102	66 - 130
1,2-Dichloroethane	10.0	10.2		ug/L		102	70 - 130
1,1-Dichloroethene	10.0	9.54		ug/L		95	51 - 150
1,2-Dichloropropane	10.0	9.76		ug/L		98	70 - 130
1,3-Dichloropropane	10.0	10.1		ug/L		101	70 - 130
2,2-Dichloropropane	10.0	9.58		ug/L		96	66 - 134
1,1-Dichloropropene	10.0	9.90		ug/L		99	65 - 136
Ethylbenzene	10.0	10.4		ug/L		104	70 - 130
Ethylene Dibromide	10.0	10.1		ug/L		101	66 - 130
Hexachlorobutadiene	10.0	9.60		ug/L		96	62 - 143
2-Hexanone	100	79.2		ug/L		79	60 - 148
Isopropylbenzene	10.0	10.8		ug/L		108	62 - 130
4-Isopropyltoluene	10.0	8.57		ug/L		86	65 - 134
Methylene Chloride	10.0	8.79	I	ug/L		88	57 - 130
4-Methyl-2-pentanone (MIBK)	100	75.1		ug/L		75	64 - 137
Methyl tert-butyl ether	10.0	9.37		ug/L		94	67 - 130
Naphthalene	10.0	9.93		ug/L		99	50 - 136
n-Butylbenzene	10.0	8.92		ug/L		89	61 - 131
N-Propylbenzene	10.0	10.7		ug/L		107	67 - 130
o-Xylene	10.0	10.2		ug/L		102	69 - 130
sec-Butylbenzene	10.0	9.38		ug/L		94	68 - 133
Styrene	10.0	8.68		ug/L		87	68 - 131
tert-Butylbenzene	10.0	10.8		ug/L		108	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.8		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.7		ug/L		107	70 - 130
Tetrachloroethene	10.0	9.67		ug/L		97	50 - 143
Toluene	10.0	10.1		ug/L		101	70 - 131
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	62 - 139
trans-1,3-Dichloropropene	10.0	8.74		ug/L		87	67 - 130
1,2,3-Trichlorobenzene	10.0	10.2		ug/L		102	58 - 132
1,2,4-Trichlorobenzene	10.0	10.4		ug/L		104	66 - 130
1,1,1-Trichloroethane	10.0	9.85		ug/L		98	63 - 132
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	70 - 130
Trichloroethene	10.0	10.8		ug/L		108	63 - 139
Trichlorofluoromethane	10.0	10.4		ug/L		104	62 - 146
1,2,3-Trichloropropane	10.0	10.4		ug/L		104	66 - 130
1,2,4-Trimethylbenzene	10.0	8.66		ug/L		87	70 - 132
1,3,5-Trimethylbenzene	10.0	8.73		ug/L		87	65 - 134
Vinyl chloride	10.0	10.3		ug/L		103	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-171507/4
Matrix: Water
Analysis Batch: 171507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 660-171507/15
Matrix: Water
Analysis Batch: 171507

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	90.8		ug/L		91	62 - 142	5	30
Benzene			10.0	8.81		ug/L		88	68 - 134	11	30
Bromobenzene			10.0	11.1		ug/L		111	70 - 130	1	30
Bromoform			10.0	10.7		ug/L		107	65 - 130	8	30
Bromomethane			10.0	6.56		ug/L		66	22 - 150	25	30
2-Butanone (MEK)			100	74.8		ug/L		75	63 - 140	5	30
Carbon disulfide			10.0	2.88	J3	ug/L		29	30 - 150	100	30
Carbon tetrachloride			10.0	9.52		ug/L		95	61 - 134	9	30
Chlorobenzene			10.0	10.7		ug/L		107	70 - 130	3	30
Chlorobromomethane			10.0	8.94		ug/L		89	70 - 130	7	30
Chlorodibromomethane			10.0	11.0		ug/L		110	70 - 130	11	30
Chloroethane			10.0	10.7		ug/L		107	39 - 150	13	30
Chloroform			10.0	10.2		ug/L		102	68 - 130	4	30
Chloromethane			10.0	6.13	J3	ug/L		61	35 - 150	52	30
2-Chlorotoluene			10.0	11.1		ug/L		111	70 - 130	4	30
4-Chlorotoluene			10.0	11.4		ug/L		114	70 - 130	2	30
cis-1,2-Dichloroethene			10.0	8.12		ug/L		81	66 - 130	16	30
cis-1,3-Dichloropropene			10.0	10.4		ug/L		104	70 - 130	2	30
1,2-Dibromo-3-Chloropropane			10.0	9.03		ug/L		90	63 - 130	2	30
Dibromomethane			10.0	9.65		ug/L		97	70 - 130	0	30
1,2-Dichlorobenzene			10.0	11.0		ug/L		110	70 - 130	2	30
1,3-Dichlorobenzene			10.0	11.0		ug/L		110	70 - 130	0	30
1,4-Dichlorobenzene			10.0	11.1		ug/L		111	70 - 130	2	30
Dichlorobromomethane			10.0	10.4		ug/L		104	70 - 130	0	30
Dichlorodifluoromethane			10.0	4.03	I J3	ug/L		40	16 - 149	70	30
1,1-Dichloroethane			10.0	8.49		ug/L		85	66 - 130	18	30
1,2-Dichloroethane			10.0	8.95		ug/L		90	70 - 130	13	30
1,1-Dichloroethene			10.0	4.68	J3	ug/L		47	51 - 150	68	30
1,2-Dichloropropane			10.0	10.1		ug/L		101	70 - 130	4	30
1,3-Dichloropropane			10.0	10.0		ug/L		100	70 - 130	0	30
2,2-Dichloropropane			10.0	8.49		ug/L		85	66 - 134	12	30
1,1-Dichloropropene			10.0	8.66		ug/L		87	65 - 136	13	30
Ethylbenzene			10.0	10.9		ug/L		109	70 - 130	5	30
Ethylene Dibromide			10.0	9.75		ug/L		97	66 - 130	4	30
Hexachlorobutadiene			10.0	11.1		ug/L		111	62 - 143	14	30
2-Hexanone			100	86.2		ug/L		86	60 - 148	8	30
Isopropylbenzene			10.0	11.2		ug/L		112	62 - 130	4	30
4-Isopropyltoluene			10.0	8.94		ug/L		89	65 - 134	4	30
Methylene Chloride			10.0	6.75	I	ug/L		68	57 - 130	26	30
4-Methyl-2-pentanone (MIBK)			100	81.0		ug/L		81	64 - 137	8	30
Methyl tert-butyl ether			10.0	7.65		ug/L		76	67 - 130	20	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-171507/15
Matrix: Water
Analysis Batch: 171507

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	9.12		ug/L		91	50 - 136	9	30
n-Butylbenzene			10.0	9.18		ug/L		92	61 - 131	3	30
N-Propylbenzene			10.0	11.2		ug/L		112	67 - 130	5	30
o-Xylene			10.0	10.2		ug/L		102	69 - 130	0	30
sec-Butylbenzene			10.0	10.2		ug/L		102	68 - 133	8	30
Styrene			10.0	8.77		ug/L		88	68 - 131	1	30
tert-Butylbenzene			10.0	11.2		ug/L		112	64 - 130	4	30
1,1,1,2-Tetrachloroethane			10.0	10.2		ug/L		102	70 - 130	5	30
1,1,2,2-Tetrachloroethane			10.0	11.0		ug/L		110	70 - 130	2	30
Tetrachloroethene			10.0	9.86		ug/L		99	50 - 143	2	30
Toluene			10.0	9.92		ug/L		99	70 - 131	2	30
trans-1,2-Dichloroethene			10.0	8.15		ug/L		81	62 - 139	21	30
trans-1,3-Dichloropropene			10.0	8.80		ug/L		88	67 - 130	1	30
1,2,3-Trichlorobenzene			10.0	9.95		ug/L		100	58 - 132	3	30
1,2,4-Trichlorobenzene			10.0	10.2		ug/L		102	66 - 130	2	30
1,1,1-Trichloroethane			10.0	9.51		ug/L		95	63 - 132	3	30
1,1,2-Trichloroethane			10.0	10.4		ug/L		104	70 - 130	2	30
Trichloroethene			10.0	9.68		ug/L		97	63 - 139	11	30
Trichlorofluoromethane			10.0	9.52		ug/L		95	62 - 146	9	30
1,2,3-Trichloropropane			10.0	11.5		ug/L		115	66 - 130	10	30
1,2,4-Trimethylbenzene			10.0	8.75		ug/L		87	70 - 132	1	30
1,3,5-Trimethylbenzene			10.0	9.06		ug/L		91	65 - 134	4	30
Vinyl chloride			10.0	7.53	J3	ug/L		75	48 - 147	31	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-74850-K-3 MS
Matrix: Water
Analysis Batch: 171507

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	97.9		ug/L		98	62 - 142
Benzene	0.50	U	10.0	9.88		ug/L		99	68 - 134
Bromobenzene	0.58	U	10.0	11.7		ug/L		117	70 - 130
Bromoform	0.63	U	10.0	12.0		ug/L		120	65 - 130
Bromomethane	2.5	U	10.0	6.76		ug/L		68	22 - 150
2-Butanone (MEK)	8.4	U	100	88.3		ug/L		88	63 - 140
Carbon disulfide	1.0	U J3	10.0	2.93	J3	ug/L		29	30 - 150
Carbon tetrachloride	0.43	U	10.0	10.1		ug/L		101	61 - 134
Chlorobenzene	0.63	U	10.0	11.6		ug/L		116	70 - 130
Chlorobromomethane	0.58	U	10.0	9.22		ug/L		92	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.8		ug/L		108	70 - 130
Chloroethane	2.5	U	10.0	11.9		ug/L		119	39 - 150
Chloroform	0.90	U	10.0	10.6		ug/L		106	68 - 130
Chloromethane	1.0	U J3	10.0	5.02		ug/L		50	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-74850-K-3 MS
Matrix: Water
Analysis Batch: 171507

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	12.1		ug/L		121	70 - 130
4-Chlorotoluene	0.52	U	10.0	12.1		ug/L		121	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.38		ug/L		94	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	10.8		ug/L		108	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	11.4		ug/L		114	63 - 130
Dibromomethane	0.46	U	10.0	9.95		ug/L		100	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.9		ug/L		119	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.7		ug/L		117	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.7		ug/L		117	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.9		ug/L		109	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	2.88	I	ug/L		29	16 - 149
1,1-Dichloroethane	0.52	U	10.0	8.51		ug/L		85	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.95		ug/L		100	70 - 130
1,1-Dichloroethene	0.67	U J3	10.0	5.29		ug/L		53	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.4		ug/L		104	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.9		ug/L		109	70 - 130
2,2-Dichloropropane	0.36	U	10.0	8.75		ug/L		88	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.94		ug/L		99	65 - 136
Ethylbenzene	0.44	U	10.0	11.2		ug/L		112	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.3		ug/L		113	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.2		ug/L		112	62 - 143
2-Hexanone	4.4	U	100	92.9		ug/L		93	60 - 148
Isopropylbenzene	0.52	U	10.0	12.0		ug/L		120	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.94		ug/L		99	65 - 134
Methylene Chloride	5.0	U	10.0	7.32	I	ug/L		73	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	92.8		ug/L		93	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	8.55		ug/L		86	67 - 130
Naphthalene	2.5	U	10.0	10.3		ug/L		103	50 - 136
n-Butylbenzene	0.67	U	10.0	10.5		ug/L		105	61 - 131
N-Propylbenzene	0.59	U	10.0	12.2		ug/L		122	67 - 130
o-Xylene	0.50	U	10.0	11.0		ug/L		110	69 - 130
sec-Butylbenzene	0.63	U	10.0	10.6		ug/L		106	68 - 133
Styrene	0.98	U	10.0	9.73		ug/L		97	68 - 131
tert-Butylbenzene	0.84	U	10.0	11.8		ug/L		118	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.7		ug/L		117	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	11.7		ug/L		117	70 - 130
Tetrachloroethene	0.50	U	10.0	10.4		ug/L		104	50 - 143
Toluene	0.51	U	10.0	10.7		ug/L		107	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.35		ug/L		84	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	8.94		ug/L		89	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	11.0		ug/L		110	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	11.2		ug/L		112	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.0		ug/L		100	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	11.2		ug/L		112	70 - 130
Trichloroethene	0.61	U	10.0	10.6		ug/L		106	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.77		ug/L		98	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	11.8		ug/L		118	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.95		ug/L		100	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-74850-K-3 MS
Matrix: Water
Analysis Batch: 171507

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	9.89		ug/L		99	65 - 134
Vinyl chloride	0.71	U J3	10.0	6.90		ug/L		69	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-74850-K-1 DU
Matrix: Water
Analysis Batch: 171507

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	91		84.9		ug/L		7	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U J3	1.0	U J3	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U J3	1.0	U J3	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U J3	2.5	U J3	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U J3	0.67	U J3	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-74850-K-1 DU
Matrix: Water
Analysis Batch: 171507

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U J3		0.71	U J3	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-171525/7
Matrix: Water
Analysis Batch: 171525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			07/12/16 13:59	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-171525/4
Matrix: Water
Analysis Batch: 171525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	7.99		ug/L		80	50 - 150		

Lab Sample ID: LCSD 660-171525/5
Matrix: Water
Analysis Batch: 171525

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	9.25		ug/L		92	50 - 150	15	50

Lab Sample ID: 660-74892-2 MS
Matrix: Water
Analysis Batch: 171525

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	7.77		ug/L		78	50 - 150		

Lab Sample ID: 660-74892-2 MSD
Matrix: Water
Analysis Batch: 171525

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	7.62		ug/L		76	50 - 150	2	50

GC/MS VOA

Analysis Batch: 171507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-74850-K-1 DU	Duplicate	Total/NA	Water	8260B	
660-74850-K-3 MS	Matrix Spike	Total/NA	Water	8260B	
660-74892-1	AOP Feed	Total/NA	Water	8260B	
660-74892-2	AOP-A EFF	Total/NA	Water	8260B	
660-74892-3	AOP-B EFF	Total/NA	Water	8260B	
660-74892-4	AOP-C EFF	Total/NA	Water	8260B	
660-74892-5	PGE	Total/NA	Water	8260B	
660-74892-6	SGE	Total/NA	Water	8260B	
660-74892-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-171507/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-171507/15	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-171507/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 171525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-74892-1	AOP Feed	Total/NA	Water	8260C SIM	
660-74892-2	AOP-A EFF	Total/NA	Water	8260C SIM	
660-74892-2 MS	AOP-A EFF	Total/NA	Water	8260C SIM	
660-74892-2 MSD	AOP-A EFF	Total/NA	Water	8260C SIM	
660-74892-3	AOP-B EFF	Total/NA	Water	8260C SIM	
660-74892-4	AOP-C EFF	Total/NA	Water	8260C SIM	
660-74892-5	PGE	Total/NA	Water	8260C SIM	
660-74892-6	SGE	Total/NA	Water	8260C SIM	
660-74892-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-171525/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-171525/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-171525/7	Method Blank	Total/NA	Water	8260C SIM	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Client Sample ID: AOP Feed
Date Collected: 07/11/16 09:00
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171507	07/12/16 16:29	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171525	07/12/16 17:15	TGP	TAL TAM

Client Sample ID: AOP-A EFF
Date Collected: 07/11/16 09:05
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171507	07/12/16 14:56	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171525	07/12/16 14:43	TGP	TAL TAM

Client Sample ID: AOP-B EFF
Date Collected: 07/11/16 09:10
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171507	07/12/16 15:15	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171525	07/12/16 15:58	TGP	TAL TAM

Client Sample ID: AOP-C EFF
Date Collected: 07/11/16 09:15
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171507	07/12/16 15:34	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171525	07/12/16 16:17	TGP	TAL TAM

Client Sample ID: PGE
Date Collected: 07/11/16 09:20
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171507	07/12/16 15:52	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171525	07/12/16 16:36	TGP	TAL TAM

Client Sample ID: SGE
Date Collected: 07/11/16 09:25
Date Received: 07/11/16 15:55

Lab Sample ID: 660-74892-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171507	07/12/16 16:11	K1P	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Client Sample ID: SGE

Lab Sample ID: 660-74892-6

Date Collected: 07/11/16 09:25
Matrix: Water
Date Received: 07/11/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171525	07/12/16 16:55	TGP	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-74892-7

Date Collected: 07/11/16 09:30
Matrix: Water
Date Received: 07/11/16 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171507	07/12/16 16:48	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	171525	07/12/16 17:33	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-17

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			
City: Sarasota	TAT Requested (days): 48 hour turn			
State, Zip: FL, 34243				
Phone: 941-929-8747	Non-PO invoice - 60313454 18.05			
Email: Darrin.Johnson@aecom.com	WO #:			
Project Name: Process Sampling	Project #:			
Site: Tallevast	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A			
AOP Feed	7/11/16	9:00	G	Water	N	N	2	2			160 gpm - 2103 at 13 gpm
AOP-A Eff	7/11/16	9:05	G	Water	N	N	2	2			AOPs at 63, 55, 45
AOP-B Eff	7/11/16	9:10	G	Water	N	N	2	2			H2O2 at 60 mg/L
AOP-C Eff	7/11/16	9:15	G	Water	N	N	2	2			75% Lamps
PGE	7/11/16	9:20	G	Water	N	N	2	2			no TIOC
SGE	7/11/16	9:25	G	Water	N	N	2	2			
Combined Influent	7/11/16	9:30	G	Water	N	N		2	2		

Loc: 660
74892
660-74892 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:		Company	Received by:	Date/Time: 7-8-16 1400	Company AECOM
Relinquished by: 7-11-16	Date/Time: 7-11-16 1400	Company AECOM	Received by:	Date/Time: 7-11-16 @ 1400	Company TATPA
Relinquished by:	Date/Time: 7-11-16 @ 1555	Company TATPA	Received by:	Date/Time: 7/11/16 1555	Company TATPA

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.4 / 4.2 GW-09

7/13/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-74892-1

Login Number: 74892
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-74892-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-75153-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
7/28/2016 9:47:14 AM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-75153-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-75153-1

Comments
No additional comments.

Receipt
The samples were received on 7/25/2016 1:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.6º C.

GC/MS VOA
Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 660-172042 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: COMBINED INF (660-75153-7) and (CCVIS 660-172042/3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-75153-1	AOP FEED	Water	07/25/16 09:00	07/25/16 13:20
660-75153-2	AOP-A EFF	Water	07/25/16 09:05	07/25/16 13:20
660-75153-3	AOP-B EFF	Water	07/25/16 09:10	07/25/16 13:20
660-75153-4	AOP-C EFF	Water	07/25/16 09:15	07/25/16 13:20
660-75153-5	PGE	Water	07/25/16 09:20	07/25/16 13:20
660-75153-6	SGE	Water	07/25/16 09:25	07/25/16 13:20
660-75153-7	COMBINED INF	Water	07/25/16 09:30	07/25/16 13:20

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
SM 5310B	Organic Carbon, Total (TOC)	SM	TAL PEN

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

General Chemistry

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Client Sample ID: AOP FEED — Lab Sample ID: 660-75153-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.4		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	12		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.1		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.4		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	45		2.0	1.0	ug/L	1		8260C SIM	Total/NA
Total Organic Carbon	4.8		1.0	0.50	mg/L	1		SM 5310B	Total/NA

Client Sample ID: AOP-A EFF — Lab Sample ID: 660-75153-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.5		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B EFF — Lab Sample ID: 660-75153-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.3		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C EFF — Lab Sample ID: 660-75153-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.7		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.71	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.9	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-75153-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.4	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-75153-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: COMBINED INF — Lab Sample ID: 660-75153-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	22		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	11		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	16		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	4.4		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	43		2.0	1.0	ug/L	1		8260C SIM	Total/NA
Total Organic Carbon	5.4		1.0	0.50	mg/L	1		SM 5310B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Client Sample ID: AOP FEED
Date Collected: 07/25/16 09:00
Date Received: 07/25/16 13:20

Lab Sample ID: 660-75153-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.9		1.0	0.52	ug/L			07/26/16 12:53	1
1,1-Dichloroethene	9.4		1.0	0.67	ug/L			07/26/16 12:53	1
cis-1,2-Dichloroethene	12		1.0	0.65	ug/L			07/26/16 12:53	1
Tetrachloroethene	6.1		1.0	0.50	ug/L			07/26/16 12:53	1
Trichloroethene	11		1.0	0.61	ug/L			07/26/16 12:53	1
Vinyl chloride	1.4		1.0	0.71	ug/L			07/26/16 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*07/26/16 12:53*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*07/26/16 12:53*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*07/26/16 12:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	45		2.0	1.0	ug/L			07/25/16 18:19	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.8		1.0	0.50	mg/L			07/27/16 13:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Client Sample ID: AOP-A EFF

Lab Sample ID: 660-75153-2

Date Collected: 07/25/16 09:05

Matrix: Water

Date Received: 07/25/16 13:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.5**		1.0	0.52	ug/L			07/26/16 10:25	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			07/26/16 10:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/26/16 10:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/26/16 10:25	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			07/26/16 10:25	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			07/26/16 10:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*07/26/16 10:25*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*07/26/16 10:25*	*1*
Toluene-d8 (Surr)	*116*		*70 - 130*		*07/26/16 10:25*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			07/25/16 16:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Client Sample ID: AOP-B EFF

Lab Sample ID: 660-75153-3

Date Collected: 07/25/16 09:10

Matrix: Water

Date Received: 07/25/16 13:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.3**		1.0	0.52	ug/L			07/26/16 11:02	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			07/26/16 11:02	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/26/16 11:02	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/26/16 11:02	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			07/26/16 11:02	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			07/26/16 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*07/26/16 11:02*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*07/26/16 11:02*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*		*07/26/16 11:02*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			07/25/16 16:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Client Sample ID: AOP-C EFF
Date Collected: 07/25/16 09:15
Date Received: 07/25/16 13:20

Lab Sample ID: 660-75153-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.7**		1.0	0.52	ug/L			07/26/16 11:58	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			07/26/16 11:58	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/26/16 11:58	1
Tetrachloroethene	**0.71**	**I**	1.0	0.50	ug/L			07/26/16 11:58	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			07/26/16 11:58	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			07/26/16 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*07/26/16 11:58*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*07/26/16 11:58*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*07/26/16 11:58*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.9**	**I**	2.0	1.0	ug/L			07/25/16 17:20	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Client Sample ID: PGE
Date Collected: 07/25/16 09:20
Date Received: 07/25/16 13:20

Lab Sample ID: 660-75153-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			07/26/16 12:17	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			07/26/16 12:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/26/16 12:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/26/16 12:17	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			07/26/16 12:17	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			07/26/16 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*07/26/16 12:17*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*07/26/16 12:17*	*1*
Toluene-d8 (Surr)	*116*		*70 - 130*		*07/26/16 12:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.4**	**I**	2.0	1.0	ug/L			07/25/16 17:39	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Client Sample ID: SGE
Date Collected: 07/25/16 09:25
Date Received: 07/25/16 13:20

Lab Sample ID: 660-75153-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.1**		1.0	0.52	ug/L			07/26/16 12:35	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			07/26/16 12:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/26/16 12:35	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/26/16 12:35	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			07/26/16 12:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			07/26/16 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*07/26/16 12:35*	*1*
Dibromofluoromethane	*115*		*70 - 130*		*07/26/16 12:35*	*1*
Toluene-d8 (Surr)	*115*		*70 - 130*		*07/26/16 12:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**	**I**	2.0	1.0	ug/L			07/25/16 17:58	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Client Sample ID: COMBINED INF
Date Collected: 07/25/16 09:30
Date Received: 07/25/16 13:20

Lab Sample ID: 660-75153-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			07/26/16 13:12	1
Benzene	0.50	U	1.0	0.50	ug/L			07/26/16 13:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			07/26/16 13:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			07/26/16 13:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			07/26/16 13:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			07/26/16 13:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			07/26/16 13:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			07/26/16 13:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			07/26/16 13:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			07/26/16 13:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			07/26/16 13:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			07/26/16 13:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			07/26/16 13:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			07/26/16 13:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			07/26/16 13:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			07/26/16 13:12	1
cis-1,2-Dichloroethene	**16**		1.0	0.65	ug/L			07/26/16 13:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			07/26/16 13:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			07/26/16 13:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			07/26/16 13:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			07/26/16 13:12	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			07/26/16 13:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			07/26/16 13:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			07/26/16 13:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			07/26/16 13:12	1
1,1-Dichloroethane	**6.2**		1.0	0.52	ug/L			07/26/16 13:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/26/16 13:12	1
1,1-Dichloroethene	**22**		1.0	0.67	ug/L			07/26/16 13:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			07/26/16 13:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			07/26/16 13:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			07/26/16 13:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			07/26/16 13:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			07/26/16 13:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/26/16 13:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			07/26/16 13:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			07/26/16 13:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			07/26/16 13:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			07/26/16 13:12	1
Methylene Chloride	5.0	U	10	5.0	ug/L			07/26/16 13:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			07/26/16 13:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			07/26/16 13:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			07/26/16 13:12	1
Naphthalene	2.5	U	5.0	2.5	ug/L			07/26/16 13:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			07/26/16 13:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			07/26/16 13:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			07/26/16 13:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			07/26/16 13:12	1
Styrene	0.98	U	2.0	0.98	ug/L			07/26/16 13:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			07/26/16 13:12	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Client Sample ID: COMBINED INF
Date Collected: 07/25/16 09:30
Date Received: 07/25/16 13:20

Lab Sample ID: 660-75153-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			07/26/16 13:12	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			07/26/16 13:12	1
Tetrachloroethene	**11**		1.0	0.50	ug/L			07/26/16 13:12	1
Toluene	0.51	U	1.0	0.51	ug/L			07/26/16 13:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			07/26/16 13:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			07/26/16 13:12	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			07/26/16 13:12	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			07/26/16 13:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/26/16 13:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/26/16 13:12	1
Trichloroethene	**16**		1.0	0.61	ug/L			07/26/16 13:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			07/26/16 13:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			07/26/16 13:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			07/26/16 13:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			07/26/16 13:12	1
Vinyl chloride	**4.4**		1.0	0.71	ug/L			07/26/16 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*07/26/16 13:12*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*07/26/16 13:12*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*07/26/16 13:12*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**43**		2.0	1.0	ug/L			07/25/16 18:37	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**5.4**		1.0	0.50	mg/L			07/27/16 14:12	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-172042/7
Matrix: Water
Analysis Batch: 172042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			07/26/16 09:21	1
Benzene	0.50	U	1.0	0.50	ug/L			07/26/16 09:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			07/26/16 09:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			07/26/16 09:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			07/26/16 09:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			07/26/16 09:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			07/26/16 09:21	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			07/26/16 09:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			07/26/16 09:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			07/26/16 09:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			07/26/16 09:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			07/26/16 09:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			07/26/16 09:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			07/26/16 09:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			07/26/16 09:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			07/26/16 09:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			07/26/16 09:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			07/26/16 09:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			07/26/16 09:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			07/26/16 09:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			07/26/16 09:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			07/26/16 09:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			07/26/16 09:21	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			07/26/16 09:21	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			07/26/16 09:21	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			07/26/16 09:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			07/26/16 09:21	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			07/26/16 09:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			07/26/16 09:21	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			07/26/16 09:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			07/26/16 09:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			07/26/16 09:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			07/26/16 09:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			07/26/16 09:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			07/26/16 09:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			07/26/16 09:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			07/26/16 09:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			07/26/16 09:21	1
Methylene Chloride	5.0	U	10	5.0	ug/L			07/26/16 09:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			07/26/16 09:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			07/26/16 09:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			07/26/16 09:21	1
Naphthalene	2.5	U	5.0	2.5	ug/L			07/26/16 09:21	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			07/26/16 09:21	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			07/26/16 09:21	1
o-Xylene	0.50	U	1.0	0.50	ug/L			07/26/16 09:21	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			07/26/16 09:21	1
Styrene	0.98	U	2.0	0.98	ug/L			07/26/16 09:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172042/7
Matrix: Water
Analysis Batch: 172042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			07/26/16 09:21	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			07/26/16 09:21	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			07/26/16 09:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			07/26/16 09:21	1
Toluene	0.51	U	1.0	0.51	ug/L			07/26/16 09:21	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			07/26/16 09:21	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			07/26/16 09:21	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			07/26/16 09:21	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			07/26/16 09:21	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/26/16 09:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			07/26/16 09:21	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			07/26/16 09:21	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			07/26/16 09:21	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			07/26/16 09:21	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			07/26/16 09:21	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			07/26/16 09:21	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			07/26/16 09:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*07/26/16 09:21*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*07/26/16 09:21*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*07/26/16 09:21*	*1*

Lab Sample ID: LCS 660-172042/4
Matrix: Water
Analysis Batch: 172042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	99.0		ug/L		99	62 - 142
Benzene	10.0	10.8		ug/L		108	68 - 134
Bromobenzene	10.0	10.5		ug/L		105	70 - 130
Bromoform	10.0	10.3		ug/L		103	65 - 130
Bromomethane	10.0	14.1		ug/L		141	22 - 150
2-Butanone (MEK)	100	105		ug/L		105	63 - 140
Carbon disulfide	10.0	10.4		ug/L		104	30 - 150
Carbon tetrachloride	10.0	12.0		ug/L		120	61 - 134
Chlorobenzene	10.0	11.1		ug/L		111	70 - 130
Chlorobromomethane	10.0	10.4		ug/L		104	70 - 130
Chlorodibromomethane	10.0	11.8		ug/L		118	70 - 130
Chloroethane	10.0	11.5		ug/L		115	39 - 150
Chloroform	10.0	11.4		ug/L		114	68 - 130
Chloromethane	10.0	14.5		ug/L		145	35 - 150
2-Chlorotoluene	10.0	11.1		ug/L		111	70 - 130
4-Chlorotoluene	10.0	11.1		ug/L		111	70 - 130
cis-1,2-Dichloroethene	10.0	11.1		ug/L		111	66 - 130
cis-1,3-Dichloropropene	10.0	11.9		ug/L		119	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.9		ug/L		109	63 - 130
Dibromomethane	10.0	10.5		ug/L		105	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172042/4
Matrix: Water
Analysis Batch: 172042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.8		ug/L		108	70 - 130
1,3-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
1,4-Dichlorobenzene	10.0	10.8		ug/L		108	70 - 130
Dichlorobromomethane	10.0	11.7		ug/L		117	70 - 130
Dichlorodifluoromethane	10.0	10.4		ug/L		104	16 - 149
1,1-Dichloroethane	10.0	11.1		ug/L		111	66 - 130
1,2-Dichloroethane	10.0	10.9		ug/L		109	70 - 130
1,1-Dichloroethene	10.0	11.4		ug/L		114	51 - 150
1,2-Dichloropropane	10.0	11.4		ug/L		114	70 - 130
1,3-Dichloropropane	10.0	12.1		ug/L		121	70 - 130
2,2-Dichloropropane	10.0	11.4		ug/L		114	66 - 134
1,1-Dichloropropene	10.0	11.4		ug/L		114	65 - 136
Ethylbenzene	10.0	11.3		ug/L		113	70 - 130
Ethylene Dibromide	10.0	11.2		ug/L		112	66 - 130
Hexachlorobutadiene	10.0	11.7		ug/L		117	62 - 143
2-Hexanone	100	119		ug/L		119	60 - 148
Isopropylbenzene	10.0	11.3		ug/L		113	62 - 130
4-Isopropyltoluene	10.0	9.11		ug/L		91	65 - 134
Methylene Chloride	10.0	11.4		ug/L		114	57 - 130
4-Methyl-2-pentanone (MIBK)	100	115		ug/L		115	64 - 137
Methyl tert-butyl ether	10.0	10.1		ug/L		101	67 - 130
Naphthalene	10.0	10.9		ug/L		109	50 - 136
n-Butylbenzene	10.0	11.0		ug/L		110	61 - 131
N-Propylbenzene	10.0	10.9		ug/L		109	67 - 130
o-Xylene	10.0	10.9		ug/L		109	69 - 130
sec-Butylbenzene	10.0	11.2		ug/L		112	68 - 133
Styrene	10.0	11.4		ug/L		114	68 - 131
tert-Butylbenzene	10.0	11.4		ug/L		114	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.9		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.96		ug/L		100	70 - 130
Tetrachloroethene	10.0	11.3		ug/L		113	50 - 143
Toluene	10.0	11.6		ug/L		116	70 - 131
trans-1,2-Dichloroethene	10.0	11.3		ug/L		113	62 - 139
trans-1,3-Dichloropropene	10.0	11.8		ug/L		118	67 - 130
1,2,3-Trichlorobenzene	10.0	11.0		ug/L		110	58 - 132
1,2,4-Trichlorobenzene	10.0	10.5		ug/L		105	66 - 130
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	63 - 132
1,1,2-Trichloroethane	10.0	12.0		ug/L		120	70 - 130
Trichloroethene	10.0	11.0		ug/L		110	63 - 139
Trichlorofluoromethane	10.0	11.6		ug/L		116	62 - 146
1,2,3-Trichloropropane	10.0	10.1		ug/L		101	66 - 130
1,2,4-Trimethylbenzene	10.0	8.64		ug/L		86	70 - 132
1,3,5-Trimethylbenzene	10.0	10.8		ug/L		108	65 - 134
Vinyl chloride	10.0	12.4		ug/L		124	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172042/4
Matrix: Water
Analysis Batch: 172042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	107		70 - 130

Lab Sample ID: LCSD 660-172042/5
Matrix: Water
Analysis Batch: 172042

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	87.1		ug/L		87	62 - 142	13	30
Benzene			10.0	9.81		ug/L		98	68 - 134	9	30
Bromobenzene			10.0	9.78		ug/L		98	70 - 130	7	30
Bromoform			10.0	9.35		ug/L		94	65 - 130	10	30
Bromomethane			10.0	13.3		ug/L		133	22 - 150	6	30
2-Butanone (MEK)			100	95.0		ug/L		95	63 - 140	10	30
Carbon disulfide			10.0	9.23		ug/L		92	30 - 150	12	30
Carbon tetrachloride			10.0	10.4		ug/L		104	61 - 134	14	30
Chlorobenzene			10.0	10.0		ug/L		100	70 - 130	10	30
Chlorobromomethane			10.0	9.86		ug/L		99	70 - 130	6	30
Chlorodibromomethane			10.0	10.6		ug/L		106	70 - 130	10	30
Chloroethane			10.0	10.9		ug/L		109	39 - 150	6	30
Chloroform			10.0	10.4		ug/L		104	68 - 130	9	30
Chloromethane			10.0	12.6		ug/L		126	35 - 150	14	30
2-Chlorotoluene			10.0	9.84		ug/L		98	70 - 130	12	30
4-Chlorotoluene			10.0	10.2		ug/L		102	70 - 130	9	30
cis-1,2-Dichloroethene			10.0	9.89		ug/L		99	66 - 130	12	30
cis-1,3-Dichloropropene			10.0	10.7		ug/L		107	70 - 130	11	30
1,2-Dibromo-3-Chloropropane			10.0	9.62		ug/L		96	63 - 130	13	30
Dibromomethane			10.0	9.81		ug/L		98	70 - 130	7	30
1,2-Dichlorobenzene			10.0	9.85		ug/L		98	70 - 130	9	30
1,3-Dichlorobenzene			10.0	9.69		ug/L		97	70 - 130	11	30
1,4-Dichlorobenzene			10.0	9.77		ug/L		98	70 - 130	10	30
Dichlorobromomethane			10.0	10.8		ug/L		108	70 - 130	8	30
Dichlorodifluoromethane			10.0	10.5		ug/L		105	16 - 149	1	30
1,1-Dichloroethane			10.0	9.66		ug/L		97	66 - 130	14	30
1,2-Dichloroethane			10.0	10.1		ug/L		101	70 - 130	8	30
1,1-Dichloroethene			10.0	10.1		ug/L		101	51 - 150	12	30
1,2-Dichloropropane			10.0	9.82		ug/L		98	70 - 130	15	30
1,3-Dichloropropane			10.0	11.0		ug/L		110	70 - 130	10	30
2,2-Dichloropropane			10.0	10.4		ug/L		104	66 - 134	9	30
1,1-Dichloropropene			10.0	9.75		ug/L		98	65 - 136	15	30
Ethylbenzene			10.0	10.3		ug/L		103	70 - 130	10	30
Ethylene Dibromide			10.0	10.3		ug/L		103	66 - 130	9	30
Hexachlorobutadiene			10.0	10.2		ug/L		102	62 - 143	14	30
2-Hexanone			100	107		ug/L		107	60 - 148	11	30
Isopropylbenzene			10.0	10.1		ug/L		101	62 - 130	11	30
4-Isopropyltoluene			10.0	8.45		ug/L		85	65 - 134	8	30
Methylene Chloride			10.0	10.8		ug/L		108	57 - 130	5	30
4-Methyl-2-pentanone (MIBK)			100	101		ug/L		101	64 - 137	13	30
Methyl tert-butyl ether			10.0	9.16		ug/L		92	67 - 130	10	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172042/5
Matrix: Water
Analysis Batch: 172042

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	10.1		ug/L		101	50 - 136	8	30
n-Butylbenzene			10.0	10.2		ug/L		102	61 - 131	8	30
N-Propylbenzene			10.0	10.3		ug/L		103	67 - 130	6	30
o-Xylene			10.0	9.75		ug/L		98	69 - 130	11	30
sec-Butylbenzene			10.0	10.3		ug/L		103	68 - 133	9	30
Styrene			10.0	9.99		ug/L		100	68 - 131	13	30
tert-Butylbenzene			10.0	10.3		ug/L		103	64 - 130	11	30
1,1,1,2-Tetrachloroethane			10.0	9.92		ug/L		99	70 - 130	10	30
1,1,2,2-Tetrachloroethane			10.0	9.97		ug/L		100	70 - 130	0	30
Tetrachloroethene			10.0	10.5		ug/L		105	50 - 143	7	30
Toluene			10.0	10.3		ug/L		103	70 - 131	11	30
trans-1,2-Dichloroethene			10.0	9.44		ug/L		94	62 - 139	18	30
trans-1,3-Dichloropropene			10.0	10.7		ug/L		107	67 - 130	10	30
1,2,3-Trichlorobenzene			10.0	9.85		ug/L		98	58 - 132	11	30
1,2,4-Trichlorobenzene			10.0	9.63		ug/L		96	66 - 130	8	30
1,1,1-Trichloroethane			10.0	10.0		ug/L		100	63 - 132	8	30
1,1,2-Trichloroethane			10.0	10.6		ug/L		106	70 - 130	12	30
Trichloroethene			10.0	9.77		ug/L		98	63 - 139	12	30
Trichlorofluoromethane			10.0	10.6		ug/L		106	62 - 146	8	30
1,2,3-Trichloropropane			10.0	8.71		ug/L		87	66 - 130	15	30
1,2,4-Trimethylbenzene			10.0	7.88		ug/L		79	70 - 132	9	30
1,3,5-Trimethylbenzene			10.0	9.85		ug/L		98	65 - 134	9	30
Vinyl chloride			10.0	11.1		ug/L		111	48 - 147	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: 660-75153-3 MS
Matrix: Water
Analysis Batch: 172042

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20		100	132		ug/L		112	62 - 142
Benzene	0.50	U	10.0	11.8		ug/L		118	68 - 134
Bromobenzene	0.58	U	10.0	8.95		ug/L		89	70 - 130
Bromoform	0.63	U	10.0	8.96		ug/L		90	65 - 130
Bromomethane	2.5	U	10.0	15.0		ug/L		150	22 - 150
2-Butanone (MEK)	8.4	U	100	125		ug/L		125	63 - 140
Carbon disulfide	1.0	U	10.0	11.5		ug/L		115	30 - 150
Carbon tetrachloride	0.43	U	10.0	12.7		ug/L		127	61 - 134
Chlorobenzene	0.63	U	10.0	9.67		ug/L		97	70 - 130
Chlorobromomethane	0.58	U	10.0	12.1		ug/L		121	70 - 130
Chlorodibromomethane	0.31	U	10.0	11.0		ug/L		110	70 - 130
Chloroethane	2.5	U	10.0	14.5		ug/L		145	39 - 150
Chloroform	0.90	U	10.0	11.7		ug/L		117	68 - 130
Chloromethane	1.0	U J3	10.0	19.9	J3	ug/L		199	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75153-3 MS
Matrix: Water
Analysis Batch: 172042

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	9.75		ug/L		97	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.81		ug/L		98	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	11.9		ug/L		119	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	11.5		ug/L		115	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.68		ug/L		97	63 - 130
Dibromomethane	0.46	U	10.0	11.2		ug/L		112	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.72		ug/L		97	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.23		ug/L		92	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.54		ug/L		95	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.6		ug/L		116	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	19.9	J3	ug/L		199	16 - 149
1,1-Dichloroethane	3.3		10.0	14.9		ug/L		117	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.4		ug/L		114	70 - 130
1,1-Dichloroethene	0.67	U	10.0	12.2		ug/L		122	51 - 150
1,2-Dichloropropane	0.52	U	10.0	11.6		ug/L		116	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.4		ug/L		114	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.6		ug/L		116	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.9		ug/L		119	65 - 136
Ethylbenzene	0.44	U	10.0	10.1		ug/L		101	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.1		ug/L		111	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.35		ug/L		93	62 - 143
2-Hexanone	4.4	U	100	120		ug/L		120	60 - 148
Isopropylbenzene	0.52	U	10.0	9.79		ug/L		98	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.04		ug/L		80	65 - 134
Methylene Chloride	5.0	U	10.0	12.0		ug/L		120	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	115		ug/L		115	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	11.3		ug/L		113	67 - 130
Naphthalene	2.5	U	10.0	8.88		ug/L		89	50 - 136
n-Butylbenzene	0.67	U	10.0	9.60		ug/L		96	61 - 131
N-Propylbenzene	0.59	U	10.0	9.78		ug/L		98	67 - 130
o-Xylene	0.50	U	10.0	9.88		ug/L		99	69 - 130
sec-Butylbenzene	0.63	U	10.0	10.0		ug/L		100	68 - 133
Styrene	0.98	U	10.0	9.85		ug/L		98	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.0		ug/L		100	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.55		ug/L		96	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.97		ug/L		90	70 - 130
Tetrachloroethene	0.50	U	10.0	11.8		ug/L		118	50 - 143
Toluene	0.51	U	10.0	11.6		ug/L		116	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	12.2		ug/L		122	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.5		ug/L		105	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.16		ug/L		92	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.20		ug/L		92	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	11.8		ug/L		118	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.6		ug/L		106	70 - 130
Trichloroethene	0.61	U	10.0	11.5		ug/L		115	63 - 139
Trichlorofluoromethane	2.5	U	10.0	13.2		ug/L		132	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.21		ug/L		92	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	7.50		ug/L		75	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75153-3 MS
Matrix: Water
Analysis Batch: 172042

Client Sample ID: AOP-B EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	9.53		ug/L		95	65 - 134
Vinyl chloride	0.71	U J3	10.0	15.6	J3	ug/L		156	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

Lab Sample ID: 660-75153-2 DU
Matrix: Water
Analysis Batch: 172042

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	19	I	16.7	I	ug/L		16	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	3.5		3.52		ug/L		1	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75153-2 DU
Matrix: Water
Analysis Batch: 172042

Client Sample ID: AOP-A EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-172015/9
Matrix: Water
Analysis Batch: 172015

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			07/25/16 13:55	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172015/6
Matrix: Water
Analysis Batch: 172015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	7.34		ug/L		73	50 - 150		

Lab Sample ID: LCSD 660-172015/7
Matrix: Water
Analysis Batch: 172015

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	7.62		ug/L		76	50 - 150	4	50

Lab Sample ID: 660-75104-C-2 MS
Matrix: Water
Analysis Batch: 172015

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	2.1		10.0	8.93		ug/L		68	50 - 150		

Lab Sample ID: 660-75104-C-2 MSD
Matrix: Water
Analysis Batch: 172015

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	2.1		10.0	9.04		ug/L		69	50 - 150	1	50

Method: SM 5310B - Organic Carbon, Total (TOC)

Lab Sample ID: MB 400-316060/4
Matrix: Water
Analysis Batch: 316060

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.50	U	1.0	0.50	mg/L			07/27/16 12:17	1

Lab Sample ID: LCS 400-316060/5
Matrix: Water
Analysis Batch: 316060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Organic Carbon			10.0	10.8		mg/L		108	80 - 120		

Lab Sample ID: MRL 400-316060/2
Matrix: Water
Analysis Batch: 316060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Organic Carbon			1.00	1.25		mg/L		125	50 - 150		

Method: SM 5310B - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 400-124944-C-4 MS
Matrix: Water
Analysis Batch: 316060

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	8.3		5.00	13.7		mg/L		108	76 - 117

Lab Sample ID: 400-124944-C-4 MSD
Matrix: Water
Analysis Batch: 316060

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	8.3		5.00	13.8		mg/L		110	76 - 117	1	16

GC/MS VOA

Analysis Batch: 172015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75153-1	AOP FEED	Total/NA	Water	8260C SIM	
660-75153-2	AOP-A EFF	Total/NA	Water	8260C SIM	
660-75153-3	AOP-B EFF	Total/NA	Water	8260C SIM	
660-75153-4	AOP-C EFF	Total/NA	Water	8260C SIM	
660-75153-5	PGE	Total/NA	Water	8260C SIM	
660-75153-6	SGE	Total/NA	Water	8260C SIM	
660-75153-7	COMBINED INF	Total/NA	Water	8260C SIM	
MB 660-172015/9	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172015/6	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172015/7	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75104-C-2 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-75104-C-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	

Analysis Batch: 172042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75153-1	AOP FEED	Total/NA	Water	8260B	
660-75153-2	AOP-A EFF	Total/NA	Water	8260B	
660-75153-3	AOP-B EFF	Total/NA	Water	8260B	
660-75153-4	AOP-C EFF	Total/NA	Water	8260B	
660-75153-5	PGE	Total/NA	Water	8260B	
660-75153-6	SGE	Total/NA	Water	8260B	
660-75153-7	COMBINED INF	Total/NA	Water	8260B	
MB 660-172042/7	Method Blank	Total/NA	Water	8260B	
LCS 660-172042/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172042/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75153-3 MS	AOP-B EFF	Total/NA	Water	8260B	
660-75153-2 DU	AOP-A EFF	Total/NA	Water	8260B	

General Chemistry

Analysis Batch: 316060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75153-1	AOP FEED	Total/NA	Water	SM 5310B	
660-75153-7	COMBINED INF	Total/NA	Water	SM 5310B	
MB 400-316060/4	Method Blank	Total/NA	Water	SM 5310B	
LCS 400-316060/5	Lab Control Sample	Total/NA	Water	SM 5310B	
MRL 400-316060/2	Lab Control Sample	Total/NA	Water	SM 5310B	
400-124944-C-4 MS	Matrix Spike	Total/NA	Water	SM 5310B	
400-124944-C-4 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5310B	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Client Sample ID: AOP FEED
Date Collected: 07/25/16 09:00
Date Received: 07/25/16 13:20

Lab Sample ID: 660-75153-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172042	07/26/16 12:53	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172015	07/25/16 18:19	TGP	TAL TAM
Total/NA	Analysis	SM 5310B		1			316060	07/27/16 13:59	CLM	TAL PEN

Client Sample ID: AOP-A EFF
Date Collected: 07/25/16 09:05
Date Received: 07/25/16 13:20

Lab Sample ID: 660-75153-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172042	07/26/16 10:25	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172015	07/25/16 16:41	TGP	TAL TAM

Client Sample ID: AOP-B EFF
Date Collected: 07/25/16 09:10
Date Received: 07/25/16 13:20

Lab Sample ID: 660-75153-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172042	07/26/16 11:02	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172015	07/25/16 16:59	TGP	TAL TAM

Client Sample ID: AOP-C EFF
Date Collected: 07/25/16 09:15
Date Received: 07/25/16 13:20

Lab Sample ID: 660-75153-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172042	07/26/16 11:58	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172015	07/25/16 17:20	TGP	TAL TAM

Client Sample ID: PGE
Date Collected: 07/25/16 09:20
Date Received: 07/25/16 13:20

Lab Sample ID: 660-75153-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172042	07/26/16 12:17	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172015	07/25/16 17:39	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Client Sample ID: SGE

Lab Sample ID: 660-75153-6

Date Collected: 07/25/16 09:25
Matrix: Water
Date Received: 07/25/16 13:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172042	07/26/16 12:35	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172015	07/25/16 17:58	TGP	TAL TAM

Client Sample ID: COMBINED INF

Lab Sample ID: 660-75153-7

Date Collected: 07/25/16 09:30
Matrix: Water
Date Received: 07/25/16 13:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172042	07/26/16 13:12	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172015	07/25/16 18:37	TGP	TAL TAM
Total/NA	Analysis	SM 5310B		1			316060	07/27/16 14:12	CLM	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-17

Laboratory: TestAmerica Pensacola

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40150	06-30-17
Arizona	State Program	9	AZ0710	01-11-17
Arkansas DEQ	State Program	6	88-0689	09-01-16
California	ELAP	9	2510	03-31-18
Florida	NELAP	4	E81010	06-30-17
Georgia	State Program	4	N/A	06-30-17
Illinois	NELAP	5	200041	10-09-16
Iowa	State Program	7	367	07-31-16
Kansas	NELAP	7	E-10253	10-31-16
Kentucky (UST)	State Program	4	53	06-30-17
Kentucky (WW)	State Program	4	98030	12-31-16
Louisiana	NELAP	6	30976	06-30-17
Maryland	State Program	3	233	09-30-17
Massachusetts	State Program	1	M-FL094	06-30-16 *
Michigan	State Program	5	9912	05-06-17
New Jersey	NELAP	2	FL006	06-30-17
North Carolina (WW/SW)	State Program	4	314	12-31-16
Oklahoma	State Program	6	9810	08-31-16
Pennsylvania	NELAP	3	68-00467	01-31-17
Rhode Island	State Program	1	LAO00307	12-30-16
South Carolina	State Program	4	96026	06-30-16 *
Tennessee	State Program	4	TN02907	06-30-17
Texas	NELAP	6	T104704286-15-9	09-30-16
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-17
Washington	State Program	10	C915	05-15-17
West Virginia DEP	State Program	3	136	08-31-16

* Certification renewal pending - certification considered valid.

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Darrin Johnson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No:
Client contact:	Phone:941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page of
Company: AECOM			Analysis Requested	Job #:
Address: 1600 Tallevast Rd	Due Date Requested: 48 hour turn			Matrix Codes: SD - SEDIMENT, SS - SOIL SAMPLE, GW - GROUNDWATER, SW - SURFACE WATER, SG - SOIL VAPOR, AS - AIR SAMPLE, WO - WATER OTHER, WW - WASTE WATER, TW - TREATMENT WATER, PW - POTABLE WATER, WS - WASTE SOIL, CO - CONCRETE, SO - SOLID OTHER, WI - WIPE, LO - LIQUID OTHER
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 48 hour turn			Sample Types: FS - Field Sample, FD - Field Duplicate, EB - Equipment Blank, FB - Field Blank, MB - Method Blank, TB - Trip Blank, RB - Rinsate Blank, SP - Split
Phone: 941-929-8747	PO # : Non-PO Invoice - 60313454 18.05			
Email:darrin.johnson@aecom.com	WO #			
Project Name: Process Sampling	Project #			
Site: TALLEVAST	SSOW#			

Loc: 660
75153

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B Site Specific	8260C SIM ID - 1,4-D	8260B - Full List	SM5310B TOC	Special Instructions/Note:
Preservation Code:							X	X					
AOP Feed	7/25/16	9:00	FS	TW			N	N	2	2		3	160 gpm inf
AOP-A Eff	7/25/16	9:05	FS	TW			N	N	2	2			A @ 63
AOP-B Eff	7/25/16	9:10	FS	TW			N	N	2	2			B @ 55
AOP-C Eff	7/25/16	9:15	FS	TW			N	N	2	2			C @ 45 16,000-acid
PGE	7/25/16	9:20	FS	TW			N	N	2	2			PGE - A vessels
SGE	7/25/16	9:25	FS	TW			N	N	2	2			SGE - B vessels
Combined Inf	7/25/16	9:30	FS	TW			N	N		2	2	3	

660-75153 Chain of Custody

Possible Hazard Identification
___ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client — Disposal By Lab Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: 7-22-16 1400	Company: AECOM
Relinquished by:	Date/Time: 7-25-16	Company: AECOM	Received by:	Date/Time: 7/25/16 1200	Company: TA TBA
Relinquished by:	Date/Time: 7-25-16 13:20	Company: TA TBA	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact ___Yes ___No | Custody Seal No.: | Cooler temperature and other remarks:

2.8/2.6

7/28/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-89192.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Analysis Requested		Job #: 660-75153-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 8/4/2016			Preservation Codes:
City: Pensacola	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #:			Other:
Email:	WO #:			
Project Name: Tallevast	Project #: 66006091			
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SM5310B/ Organic Carbon, Total (TOC)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
AOP FEED (660-75153-1)	7/25/16	09:00 Eastern		Water			X	3	
COMBINED INF (660-75153-7)	7/25/16	09:30 Eastern		Water			X	3	

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	7/25/16 1600	TAT	[signature]	7/26/16 940	TAT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1°C

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7/28/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75153-1

Login Number: 75153
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75153-1

Login Number: 75153
List Number: 2
Creator: Johnson, Jeremy N

List Source: TestAmerica Pensacola
List Creation: 07/26/16 03:53 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1°C IR6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75153-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
SM 5310B	Organic Carbon, Total (TOC)	SM	TAL PEN

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-75400-1
Client Project/Site: Tallevast Extraction Wells

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
8/17/2016 10:16:38 AM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-75400-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-75400-1

Comments
No additional comments.

Receipt
The samples were received on 8/5/2016 5:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 1.0º C, 1.6º C and 2.2º C.

GC/MS VOA
Method(s) 8260B: The initial calibration verification (ICV) result for batch 172510 was above the upper control limit for bromomethane and dichlorodifluoromethane. Sample results were non-detects, and have been reported as qualified data.

Method(s) 8260B: The laboratory control sample (LCS) for batch 172528 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: EW3012_INF (660-75400-53), EW4003_INF (660-75400-71) and EW3023_INF (660-75400-64) and EW3027_INF (660-75400-68). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample duplicate (LCSD) for batch 172526 recovered below control limits for the following analytes: carbon disulfide and 1,1 dichloroethene. These analytes were biased low in the LCSD and were not detected in the associated samples; therefore, the data have been reported. The RL std did have detections for both analytes.

Method(s) 8260B: The initial calibration verification (ICV) result for batch 172510 was above the upper control limit for dichlorodifluoromethane and bromomethane. Sample results were non-detects, and have been reported as qualified data.

Method(s) 8260B: The method blank for batch 172545 contained hexachlorobutadiene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260B: Spike compounds were inadvertently omitted during the preparation process for the matrix spike (MS); therefore, matrix spike recoveries are unavailable for 172594. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 172594 recovered outside control limits for the following analyte: naphthalene.

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 172815 recovered outside acceptance criteria, low biased, for Carbon disulfide. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260B: The undiluted run did not have comparable results to the diluted run; therefore, the diluted run is being reported. Batch 172815.

EW3006_INF (660-75400-47)

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: EW3006_INF (660-75400-47). Elevated reporting limits (RLs) are provided. Batch 172815.

Method(s) 8260C SIM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for 172530 were outside control limits. The laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-75400-1	EW2001_INF	Water	08/04/16 08:24	08/05/16 17:20
660-75400-2	EW2002_INF	Water	08/04/16 08:28	08/05/16 17:20
660-75400-3	EW2003_INF	Water	08/04/16 08:34	08/05/16 17:20
660-75400-4	EW2004_INF	Water	08/04/16 08:42	08/05/16 17:20
660-75400-5	EW2005_INF	Water	08/04/16 08:47	08/05/16 17:20
660-75400-6	EW2006_INF	Water	08/04/16 08:57	08/05/16 17:20
660-75400-7	EW2007_INF	Water	08/04/16 09:03	08/05/16 17:20
660-75400-8	EW2008_INF	Water	08/04/16 10:18	08/05/16 17:20
660-75400-9	EW2009_INF	Water	08/04/16 10:14	08/05/16 17:20
660-75400-10	EW2010_INF	Water	08/04/16 10:22	08/05/16 17:20
660-75400-11	EW2011_INF	Water	08/04/16 10:26	08/05/16 17:20
660-75400-12	EW2012_INF	Water	08/04/16 09:32	08/05/16 17:20
660-75400-13	EW2013_INF	Water	08/04/16 09:27	08/05/16 17:20
660-75400-14	EW2014_INF	Water	08/04/16 12:59	08/05/16 17:20
660-75400-15	EW2015_INF	Water	08/04/16 14:23	08/05/16 17:20
660-75400-16	EW2016_INF	Water	08/05/16 08:01	08/05/16 17:20
660-75400-17	EW2017_INF	Water	08/05/16 07:44	08/05/16 17:20
660-75400-18	EW2018_INF	Water	08/05/16 08:06	08/05/16 17:20
660-75400-19	EW2019_INF	Water	08/05/16 08:13	08/05/16 17:20
660-75400-20	EW2020_INF	Water	08/05/16 07:52	08/05/16 17:20
660-75400-21	EW2021_INF	Water	08/05/16 08:11	08/05/16 17:20
660-75400-22	EW2022_INF	Water	08/05/16 07:56	08/05/16 17:20
660-75400-23	EW2023_INF	Water	08/05/16 07:58	08/05/16 17:20
660-75400-24	EW2024_INF	Water	08/05/16 07:54	08/05/16 17:20
660-75400-25	EW2025_INF	Water	08/05/16 08:16	08/05/16 17:20
660-75400-26	EW2026_INF	Water	08/05/16 07:06	08/05/16 17:20
660-75400-27	EW2027_INF	Water	08/05/16 06:52	08/05/16 17:20
660-75400-28	EW2028_INF	Water	08/05/16 07:02	08/05/16 17:20
660-75400-29	EW2029_INF	Water	08/05/16 07:28	08/05/16 17:20
660-75400-30	EW2030_INF	Water	08/05/16 06:47	08/05/16 17:20
660-75400-31	EW2031_INF	Water	08/05/16 06:41	08/05/16 17:20
660-75400-32	EW2032_INF	Water	08/05/16 07:24	08/05/16 17:20
660-75400-33	EW2033_INF	Water	08/05/16 07:14	08/05/16 17:20
660-75400-34	EW2034_INF	Water	08/04/16 14:46	08/05/16 17:20
660-75400-35	EW2035_INF	Water	08/04/16 12:46	08/05/16 17:20
660-75400-36	EW2036_INF	Water	08/04/16 10:58	08/05/16 17:20
660-75400-37	EW2037_INF	Water	08/04/16 14:14	08/05/16 17:20
660-75400-38	EW2101_INF	Water	08/04/16 07:43	08/05/16 17:20
660-75400-39	EW2102_INF	Water	08/04/16 07:34	08/05/16 17:20
660-75400-40	EW2103_INF	Water	08/04/16 13:58	08/05/16 17:20
660-75400-41	EW2104_INF	Water	08/04/16 14:04	08/05/16 17:20
660-75400-42	EW3001_INF	Water	08/04/16 10:38	08/05/16 17:20
660-75400-43	EW3002_INF	Water	08/04/16 10:44	08/05/16 17:20
660-75400-44	EW3003_INF	Water	08/04/16 10:50	08/05/16 17:20
660-75400-45	EW3004_INF	Water	08/05/16 08:30	08/05/16 17:20
660-75400-46	EW3005_INF	Water	08/05/16 08:23	08/05/16 17:20
660-75400-47	EW3006_INF	Water	08/05/16 08:34	08/05/16 17:20
660-75400-48	EW3007_INF	Water	08/05/16 08:20	08/05/16 17:20
660-75400-49	EW3008_INF	Water	08/05/16 08:09	08/05/16 17:20
660-75400-50	EW3009_INF	Water	08/05/16 06:57	08/05/16 17:20
660-75400-51	EW3010_INF	Water	08/05/16 07:33	08/05/16 17:20
660-75400-52	EW3011_INF	Water	08/04/16 14:43	08/05/16 17:20
660-75400-53	EW3012_INF	Water	08/04/16 07:20	08/05/16 17:20

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-75400-54	EW3013_INF	Water	08/04/16 07:24	08/05/16 17:20
660-75400-55	EW3014_INF	Water	08/04/16 07:27	08/05/16 17:20
660-75400-56	EW3015_INF	Water	08/04/16 07:30	08/05/16 17:20
660-75400-57	EW3016_INF	Water	08/04/16 07:37	08/05/16 17:20
660-75400-58	EW3017_INF	Water	08/04/16 07:48	08/05/16 17:20
660-75400-59	EW3018_INF	Water	08/04/16 08:00	08/05/16 17:20
660-75400-60	EW3019_INF	Water	08/04/16 07:52	08/05/16 17:20
660-75400-61	EW3020_INF	Water	08/04/16 08:36	08/05/16 17:20
660-75400-62	EW3021_INF	Water	08/04/16 13:06	08/05/16 17:20
660-75400-63	EW3022_INF	Water	08/04/16 13:31	08/05/16 17:20
660-75400-64	EW3023_INF	Water	08/04/16 07:15	08/05/16 17:20
660-75400-65	EW3024_INF	Water	08/05/16 07:48	08/05/16 17:20
660-75400-66	EW3025_INF	Water	08/04/16 13:19	08/05/16 17:20
660-75400-67	EW3026_INF	Water	08/04/16 13:13	08/05/16 17:20
660-75400-68	EW3027_INF	Water	08/05/16 07:21	08/05/16 17:20
660-75400-69	EW4001_INF	Water	08/04/16 11:02	08/05/16 17:20
660-75400-70	EW4002_INF	Water	08/04/16 10:41	08/05/16 17:20
660-75400-71	EW4003_INF	Water	08/05/16 08:14	08/05/16 17:20
660-75400-72	EW4004_INF	Water	08/04/16 14:29	08/05/16 17:20
660-75400-73	EW4005_INF	Water	08/05/16 07:18	08/05/16 17:20
660-75400-74	EW4006_INF	Water	08/04/16 13:36	08/05/16 17:20
660-75400-75	EW4007_INF	Water	08/04/16 13:24	08/05/16 17:20
660-75400-76	EW4008_INF	Water	08/04/16 13:50	08/05/16 17:20
660-75400-77	EW4009_INF	Water	08/04/16 08:15	08/05/16 17:20
660-75400-78	EW4010_INF	Water	08/04/16 11:09	08/05/16 17:20
660-75400-79	EW4011_INF	Water	08/04/16 11:14	08/05/16 17:20
660-75400-80	EW5001_INF	Water	08/05/16 07:10	08/05/16 17:20
660-75400-81	EW5002_INF	Water	08/04/16 12:50	08/05/16 17:20
660-75400-82	Trip Blank 1	Water	08/04/16 00:00	08/05/16 17:20
660-75400-83	Trip Blank 2	Water	08/04/16 00:00	08/05/16 17:20
660-75400-84	Trip Blank 3	Water	08/04/16 00:00	08/05/16 17:20

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2001_INF — Lab Sample ID: 660-75400-1

No Detections.

Client Sample ID: EW2002_INF — Lab Sample ID: 660-75400-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.57	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2003_INF — Lab Sample ID: 660-75400-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.96	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.8		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2004_INF — Lab Sample ID: 660-75400-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	7.9		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	0.86	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	11		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2005_INF — Lab Sample ID: 660-75400-5

No Detections.

Client Sample ID: EW2006_INF — Lab Sample ID: 660-75400-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.92	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	3.5		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.98	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	10		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2007_INF — Lab Sample ID: 660-75400-7

No Detections.

Client Sample ID: EW2008_INF — Lab Sample ID: 660-75400-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2009_INF — Lab Sample ID: 660-75400-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.5	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2010_INF — Lab Sample ID: 660-75400-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2011_INF — Lab Sample ID: 660-75400-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.82	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2012_INF — Lab Sample ID: 660-75400-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2013_INF — Lab Sample ID: 660-75400-13

No Detections.

Client Sample ID: EW2014_INF — Lab Sample ID: 660-75400-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.8		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.1		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	72		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2015_INF — Lab Sample ID: 660-75400-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.7		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2016_INF — Lab Sample ID: 660-75400-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.80	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.1		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	6.3		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.6	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2017_INF — Lab Sample ID: 660-75400-17

No Detections.

Client Sample ID: EW2018_INF — Lab Sample ID: 660-75400-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.86	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.5		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2019_INF — Lab Sample ID: 660-75400-19

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.7		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2020_INF — Lab Sample ID: 660-75400-20

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.0		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2021_INF — Lab Sample ID: 660-75400-21

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.55	I	1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.2		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	4.7		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2022_INF — Lab Sample ID: 660-75400-22

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.1		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	2.3		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2023_INF — Lab Sample ID: 660-75400-23

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.4		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.88	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	2.0		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2024_INF — Lab Sample ID: 660-75400-24

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.3		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.0		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	19		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2025_INF — Lab Sample ID: 660-75400-25

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	4.1		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2026_INF — Lab Sample ID: 660-75400-26

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.2		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2027_INF — Lab Sample ID: 660-75400-27

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW2027_INF (Continued) — Lab Sample ID: 660-75400-27

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.5		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	8.4		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2028_INF — Lab Sample ID: 660-75400-28

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.6		1.0	0.65	ug/L	1		8260B	Total/NA
Trichloroethene	29		1.0	0.61	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	80		10	5.0	ug/L	10		8260B	Total/NA

Client Sample ID: EW2029_INF — Lab Sample ID: 660-75400-29

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.96	I	1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	12		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	13		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2030_INF — Lab Sample ID: 660-75400-30

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.6		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	0.83	I	1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2031_INF — Lab Sample ID: 660-75400-31

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.0		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	2.0		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2032_INF — Lab Sample ID: 660-75400-32

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.6		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	37		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	34		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: EW2033_INF — Lab Sample ID: 660-75400-33

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.6		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.1		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	45		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	85		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2034_INF — Lab Sample ID: 660-75400-34

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2035_INF — Lab Sample ID: 660-75400-35

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	3.7		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	12		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	5.8		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.5	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2036_INF — Lab Sample ID: 660-75400-36

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	1.2		1.0	0.60	ug/L	1		8260B	Total/NA

Client Sample ID: EW2037_INF — Lab Sample ID: 660-75400-37

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.0	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2101_INF — Lab Sample ID: 660-75400-38

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	2.3		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2102_INF — Lab Sample ID: 660-75400-39

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.1		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.0		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	6.0		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2103_INF — Lab Sample ID: 660-75400-40

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.7		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	7.2		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	45		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	9.7		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	50		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW2104_INF — Lab Sample ID: 660-75400-41

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	2.2		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.1		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	1.9		1.0	0.61	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW2104_INF (Continued) — Lab Sample ID: 660-75400-41

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	52		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3001_INF — Lab Sample ID: 660-75400-42

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.6	J3	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.4		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	79		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3002_INF — Lab Sample ID: 660-75400-43

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	24		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	23		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	73		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	4.8		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	89		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3003_INF — Lab Sample ID: 660-75400-44

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.2		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	13		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	24		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	1.3		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	73		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3004_INF — Lab Sample ID: 660-75400-45

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	61		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	4.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.8		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.0		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	85		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	36		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3005_INF — Lab Sample ID: 660-75400-46

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	16		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	88		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.2		1.0	0.50	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	97		10	6.5	ug/L	10		8260B	Total/NA
Trichloroethene - DL	390		10	6.1	ug/L	10		8260B	Total/NA
1,4-Dioxane	15		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3006_INF — Lab Sample ID: 660-75400-47

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW3006_INF (Continued) — Lab Sample ID: 660-75400-47

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	160		5.0	3.3	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	5.8		5.0	2.6	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	13		5.0	3.4	ug/L	5		8260B	Total/NA
Trichloroethene	68		5.0	3.1	ug/L	5		8260B	Total/NA
1,4-Dioxane	4.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3007_INF — Lab Sample ID: 660-75400-48

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	36		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	13		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.1		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	71		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	11		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3008_INF — Lab Sample ID: 660-75400-49

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	15		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.3		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	61		1.0	0.61	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	110		5.0	3.3	ug/L	5		8260B	Total/NA
1,4-Dioxane	45		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3009_INF — Lab Sample ID: 660-75400-50

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	72		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	17		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	40		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.8		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.7		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene - DL	92		5.0	3.1	ug/L	5		8260B	Total/NA
1,4-Dioxane	24		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3010_INF — Lab Sample ID: 660-75400-51

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	13		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	96		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	15		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	92		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW3011_INF — Lab Sample ID: 660-75400-52

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.99	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.1		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.64	I	1.0	0.50	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW3011_INF (Continued) — Lab Sample ID: 660-75400-52

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.1		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3012_INF — Lab Sample ID: 660-75400-53

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		5.0	3.3	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	71		5.0	2.6	ug/L	5		8260B	Total/NA
Tetrachloroethene	85		5.0	2.5	ug/L	5		8260B	Total/NA
Trichloroethene	160		5.0	3.1	ug/L	5		8260B	Total/NA
1,1-Dichloroethene - DL	570		50	34	ug/L	50		8260B	Total/NA
1,4-Dioxane	150		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW3013_INF — Lab Sample ID: 660-75400-54

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.9		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	15		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	84		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	89		1.0	0.61	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	130		5.0	2.5	ug/L	5		8260B	Total/NA
1,4-Dioxane	26		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3014_INF — Lab Sample ID: 660-75400-55

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.1		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	7.6		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	14		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	11		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	12		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3015_INF — Lab Sample ID: 660-75400-56

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.0		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	29		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	16		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	61		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.71	ug/L	1		8260B	Total/NA
1,1-Dichloroethene - DL	140		10	6.7	ug/L	10		8260B	Total/NA
1,4-Dioxane	220		20	10	ug/L	10		8260C SIM	Total/NA

Client Sample ID: EW3016_INF — Lab Sample ID: 660-75400-57

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.6		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	36		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	72		1.0	0.67	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW3016_INF (Continued) — Lab Sample ID: 660-75400-57

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.92	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	4.1		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	310		20	10	ug/L	10		8260C SIM	Total/NA

Client Sample ID: EW3017_INF — Lab Sample ID: 660-75400-58

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.1		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.86	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	7.9		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	0.84	I	1.0	0.71	ug/L	1		8260B	Total/NA
1,1-Dichloroethane - DL	140		10	5.2	ug/L	10		8260B	Total/NA
1,1-Dichloroethene - DL	220		10	6.7	ug/L	10		8260B	Total/NA
1,4-Dioxane	1200		100	50	ug/L	50		8260C SIM	Total/NA

Client Sample ID: EW3018_INF — Lab Sample ID: 660-75400-59

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.0		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	43		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	50		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.85	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	4.5		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	270		20	10	ug/L	10		8260C SIM	Total/NA

Client Sample ID: EW3019_INF — Lab Sample ID: 660-75400-60

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.0		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	64		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	5.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	9.5		1.0	0.61	ug/L	1		8260B	Total/NA
1,1-Dichloroethene - DL	130		5.0	3.4	ug/L	5		8260B	Total/NA
1,4-Dioxane	350		20	10	ug/L	10		8260C SIM	Total/NA

Client Sample ID: EW3020_INF — Lab Sample ID: 660-75400-61

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	20		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	65		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.7		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	35		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	180		20	10	ug/L	10		8260C SIM	Total/NA

Client Sample ID: EW3021_INF — Lab Sample ID: 660-75400-62

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.0		1.0	0.52	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW3021_INF (Continued) — Lab Sample ID: 660-75400-62

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	13		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.69	I	1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	8.7		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene - DL	240		10	6.1	ug/L	10		8260B	Total/NA
1,4-Dioxane	98		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW3022_INF — Lab Sample ID: 660-75400-63

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	43		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	46		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.7		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.70	I	1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	290		20	10	ug/L	10		8260C SIM	Total/NA

Client Sample ID: EW3023_INF — Lab Sample ID: 660-75400-64

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		2.0	1.3	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	55		2.0	1.0	ug/L	2		8260B	Total/NA
Tetrachloroethene	17		2.0	1.0	ug/L	2		8260B	Total/NA
Trichloroethene	63		2.0	1.2	ug/L	2		8260B	Total/NA
1,1-Dichloroethene - DL	270		20	13	ug/L	20		8260B	Total/NA
1,4-Dioxane	140		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW3024_INF — Lab Sample ID: 660-75400-65

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.0		1.0	0.65	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	0.69	I	1.0	0.49	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	64		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	8.0		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	14		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW3025_INF — Lab Sample ID: 660-75400-66

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.9		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	13		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	20		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	70		1.0	0.61	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	96		5.0	2.5	ug/L	5		8260B	Total/NA
1,4-Dioxane	110		4.0	2.0	ug/L	2		8260C SIM	Total/NA

Client Sample ID: EW3026_INF — Lab Sample ID: 660-75400-67

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW3026_INF (Continued) — Lab Sample ID: 660-75400-67

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	12		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	32		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.68	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	7.1		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	100		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW3027_INF — Lab Sample ID: 660-75400-68

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	40		2.0	1.3	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	15		2.0	1.0	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	39		2.0	1.3	ug/L	2		8260B	Total/NA
Tetrachloroethene	120		2.0	1.0	ug/L	2		8260B	Total/NA
Trichloroethene - DL	730		20	12	ug/L	20		8260B	Total/NA
1,4-Dioxane	170		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW4001_INF — Lab Sample ID: 660-75400-69

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.5		1.0	0.52	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	17		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	20		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4002_INF — Lab Sample ID: 660-75400-70

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.7		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	24		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4003_INF — Lab Sample ID: 660-75400-71

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	23		5.0	2.6	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	94		5.0	3.4	ug/L	5		8260B	Total/NA
trans-1,2-Dichloroethene	7.6		5.0	3.4	ug/L	5		8260B	Total/NA
Trichloroethene	11		5.0	3.1	ug/L	5		8260B	Total/NA
Vinyl chloride	230		5.0	3.6	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene - DL	850		50	33	ug/L	50		8260B	Total/NA
1,4-Dioxane	150		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW4004_INF — Lab Sample ID: 660-75400-72

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.80	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.0		1.0	0.52	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW4004_INF (Continued) — Lab Sample ID: 660-75400-72

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	8.9		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	1.6		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	16		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4005_INF — Lab Sample ID: 660-75400-73

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	34		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	9.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	17		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.5		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	4.6		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	97		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: EW4006_INF — Lab Sample ID: 660-75400-74

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.2		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	6.0		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.3		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	54		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4007_INF — Lab Sample ID: 660-75400-75

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	4.9		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	0.64	I	1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	62		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4008_INF — Lab Sample ID: 660-75400-76

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	7.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4009_INF — Lab Sample ID: 660-75400-77

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	3.3		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	23		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4010_INF — Lab Sample ID: 660-75400-78

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.0		1.0	0.67	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW4010_INF (Continued) — Lab Sample ID: 660-75400-78

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	19		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW4011_INF — Lab Sample ID: 660-75400-79

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.6		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	27		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW5001_INF — Lab Sample ID: 660-75400-80

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.8		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.71	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	2.1		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	7.6		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	7.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: EW5002_INF — Lab Sample ID: 660-75400-81

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.5		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	3.4		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.4		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	5.7		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.4	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Trip Blank 1 — Lab Sample ID: 660-75400-82

No Detections.

Client Sample ID: Trip Blank 2 — Lab Sample ID: 660-75400-83

No Detections.

Client Sample ID: Trip Blank 3 — Lab Sample ID: 660-75400-84

No Detections.

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2001_INF
Date Collected: 08/04/16 08:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 12:42	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 12:42	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 12:42	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 12:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:42	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 12:42	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 12:42	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 12:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 12:42	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 12:42	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 12:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:42	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 12:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 12:42	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 12:42	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 12:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 12:42	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 12:42	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 12:42	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 12:42	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 12:42	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 12:42	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 12:42	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 12:42	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:42	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 12:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 12:42	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 12:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 12:42	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 12:42	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 12:42	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 12:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 12:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 12:42	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 12:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 12:42	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 12:42	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 12:42	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 12:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 12:42	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 12:42	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 12:42	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 12:42	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 12:42	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 12:42	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 12:42	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 12:42	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 12:42	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 12:42	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2001_INF
Date Collected: 08/04/16 08:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 12:42	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 12:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 12:42	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 12:42	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 12:42	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 12:42	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 12:42	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 12:42	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 12:42	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 12:42	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 12:42	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:42	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 12:42	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 12:42	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 12:42	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 130*		*08/06/16 12:42*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/06/16 12:42*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/06/16 12:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U J3	2.0	1.0	ug/L			08/06/16 12:27	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2002_INF
Date Collected: 08/04/16 08:28
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 13:20	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 13:20	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 13:20	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 13:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 13:20	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 13:20	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 13:20	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 13:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 13:20	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 13:20	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 13:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 13:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 13:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 13:20	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 13:20	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 13:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 13:20	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 13:20	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 13:20	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 13:20	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 13:20	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 13:20	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 13:20	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 13:20	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 13:20	1
1,1-Dichloroethane	**0.57**	**I**	1.0	0.52	ug/L			08/06/16 13:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 13:20	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 13:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 13:20	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 13:20	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 13:20	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 13:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 13:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 13:20	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 13:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 13:20	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 13:20	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 13:20	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 13:20	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 13:20	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 13:20	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 13:20	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 13:20	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 13:20	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 13:20	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 13:20	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 13:20	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 13:20	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 13:20	1

Client Sample ID: EW2002_INF
Date Collected: 08/04/16 08:28
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 13:20	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 13:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 13:20	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 13:20	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 13:20	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 13:20	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 13:20	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 13:20	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 13:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 13:20	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 13:20	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 13:20	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 13:20	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 13:20	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 13:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/06/16 13:20*	*1*
Dibromofluoromethane	*91*		*70 - 130*		*08/06/16 13:20*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/06/16 13:20*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.2**		2.0	1.0	ug/L			08/06/16 13:40	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2003_INF
Date Collected: 08/04/16 08:34
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/10/16 10:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/10/16 10:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 10:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/10/16 10:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/10/16 10:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/10/16 10:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/10/16 10:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/10/16 10:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/10/16 10:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/10/16 10:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/10/16 10:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/10/16 10:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/10/16 10:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/10/16 10:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/10/16 10:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/10/16 10:13	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/10/16 10:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/10/16 10:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/10/16 10:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/10/16 10:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/10/16 10:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/10/16 10:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/10/16 10:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/10/16 10:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 10:13	1
1,1-Dichloroethane	**0.96**	**I**	1.0	0.52	ug/L			08/10/16 10:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/10/16 10:13	1
1,1-Dichloroethene	**1.8**		1.0	0.67	ug/L			08/10/16 10:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/10/16 10:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/10/16 10:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/10/16 10:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/10/16 10:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/10/16 10:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/10/16 10:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/10/16 10:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/10/16 10:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/10/16 10:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/10/16 10:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/10/16 10:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/10/16 10:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/10/16 10:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/10/16 10:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/10/16 10:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/10/16 10:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/10/16 10:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/10/16 10:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/10/16 10:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/10/16 10:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/10/16 10:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2003_INF
Date Collected: 08/04/16 08:34
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/10/16 10:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/10/16 10:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/10/16 10:13	1
Toluene	0.51	U	1.0	0.51	ug/L			08/10/16 10:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/10/16 10:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/10/16 10:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/10/16 10:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 10:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 10:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 10:13	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/10/16 10:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 10:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/10/16 10:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/10/16 10:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/10/16 10:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/10/16 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/10/16 10:13*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/10/16 10:13*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*08/10/16 10:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.1**		2.0	1.0	ug/L			08/06/16 13:59	1

Client Sample ID: EW2004_INF
Date Collected: 08/04/16 08:42
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/10/16 10:50	1
Benzene	0.50	U	1.0	0.50	ug/L			08/10/16 10:50	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 10:50	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/10/16 10:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/10/16 10:50	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/10/16 10:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/10/16 10:50	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/10/16 10:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/10/16 10:50	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/10/16 10:50	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/10/16 10:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/10/16 10:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/10/16 10:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/10/16 10:50	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/10/16 10:50	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/10/16 10:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/10/16 10:50	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/10/16 10:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/10/16 10:50	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/10/16 10:50	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/10/16 10:50	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/10/16 10:50	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/10/16 10:50	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/10/16 10:50	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 10:50	1
1,1-Dichloroethane	**3.9**		1.0	0.52	ug/L			08/10/16 10:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/10/16 10:50	1
1,1-Dichloroethene	**7.9**		1.0	0.67	ug/L			08/10/16 10:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/10/16 10:50	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/10/16 10:50	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/10/16 10:50	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/10/16 10:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/10/16 10:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/10/16 10:50	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/10/16 10:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/10/16 10:50	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/10/16 10:50	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/10/16 10:50	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/10/16 10:50	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/10/16 10:50	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/10/16 10:50	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/10/16 10:50	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/10/16 10:50	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/10/16 10:50	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/10/16 10:50	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/10/16 10:50	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/10/16 10:50	1
Styrene	0.98	U	2.0	0.98	ug/L			08/10/16 10:50	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/10/16 10:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2004_INF
Date Collected: 08/04/16 08:42
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/10/16 10:50	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/10/16 10:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/10/16 10:50	1
Toluene	0.51	U	1.0	0.51	ug/L			08/10/16 10:50	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/10/16 10:50	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/10/16 10:50	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/10/16 10:50	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 10:50	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 10:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 10:50	1
Trichloroethene	**0.86**	**I**	1.0	0.61	ug/L			08/10/16 10:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 10:50	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/10/16 10:50	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/10/16 10:50	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/10/16 10:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/10/16 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/10/16 10:50*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/10/16 10:50*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/10/16 10:50*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**11**		2.0	1.0	ug/L			08/06/16 14:17	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2005_INF
Date Collected: 08/04/16 08:47
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 14:54	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 14:54	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 14:54	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 14:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:54	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 14:54	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 14:54	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 14:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 14:54	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 14:54	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 14:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 14:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 14:54	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 14:54	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 14:54	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 14:54	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 14:54	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 14:54	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 14:54	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 14:54	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 14:54	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 14:54	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 14:54	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:54	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 14:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 14:54	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 14:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 14:54	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 14:54	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 14:54	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 14:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 14:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 14:54	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 14:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 14:54	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 14:54	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 14:54	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 14:54	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 14:54	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 14:54	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 14:54	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 14:54	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 14:54	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 14:54	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 14:54	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 14:54	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 14:54	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 14:54	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2005_INF
Date Collected: 08/04/16 08:47
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 14:54	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 14:54	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 14:54	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 14:54	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 14:54	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 14:54	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 14:54	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 14:54	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 14:54	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 14:54	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 14:54	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:54	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 14:54	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 14:54	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 14:54	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/06/16 14:54*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/06/16 14:54*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/06/16 14:54*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/06/16 14:42	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2006_INF
Date Collected: 08/04/16 08:57
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/10/16 11:46	1
Benzene	0.50	U	1.0	0.50	ug/L			08/10/16 11:46	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 11:46	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/10/16 11:46	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/10/16 11:46	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/10/16 11:46	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/10/16 11:46	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/10/16 11:46	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/10/16 11:46	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/10/16 11:46	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/10/16 11:46	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/10/16 11:46	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/10/16 11:46	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/10/16 11:46	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/10/16 11:46	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/10/16 11:46	1
cis-1,2-Dichloroethene	**0.92**	**I**	1.0	0.65	ug/L			08/10/16 11:46	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/10/16 11:46	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/10/16 11:46	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/10/16 11:46	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/10/16 11:46	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/10/16 11:46	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/10/16 11:46	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/10/16 11:46	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 11:46	1
1,1-Dichloroethane	**1.1**		1.0	0.52	ug/L			08/10/16 11:46	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/10/16 11:46	1
1,1-Dichloroethene	**3.5**		1.0	0.67	ug/L			08/10/16 11:46	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/10/16 11:46	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/10/16 11:46	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/10/16 11:46	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/10/16 11:46	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/10/16 11:46	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/10/16 11:46	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/10/16 11:46	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/10/16 11:46	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/10/16 11:46	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/10/16 11:46	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/10/16 11:46	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/10/16 11:46	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/10/16 11:46	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/10/16 11:46	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/10/16 11:46	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/10/16 11:46	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/10/16 11:46	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/10/16 11:46	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/10/16 11:46	1
Styrene	0.98	U	2.0	0.98	ug/L			08/10/16 11:46	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/10/16 11:46	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2006_INF
Date Collected: 08/04/16 08:57
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/10/16 11:46	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/10/16 11:46	1
Tetrachloroethene	**0.98**	**I**	1.0	0.50	ug/L			08/10/16 11:46	1
Toluene	0.51	U	1.0	0.51	ug/L			08/10/16 11:46	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/10/16 11:46	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/10/16 11:46	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/10/16 11:46	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 11:46	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 11:46	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 11:46	1
Trichloroethene	**10**		1.0	0.61	ug/L			08/10/16 11:46	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 11:46	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/10/16 11:46	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/10/16 11:46	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/10/16 11:46	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/10/16 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*08/10/16 11:46*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/10/16 11:46*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/10/16 11:46*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.0**		2.0	1.0	ug/L			08/06/16 15:00	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2007_INF
Date Collected: 08/04/16 09:03
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 15:32	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 15:32	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 15:32	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 15:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:32	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 15:32	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 15:32	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 15:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:32	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 15:32	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 15:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 15:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 15:32	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 15:32	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 15:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 15:32	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 15:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 15:32	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 15:32	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 15:32	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 15:32	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 15:32	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 15:32	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 15:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 15:32	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 15:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 15:32	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 15:32	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 15:32	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 15:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 15:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 15:32	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 15:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 15:32	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 15:32	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 15:32	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 15:32	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 15:32	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 15:32	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 15:32	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 15:32	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 15:32	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 15:32	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 15:32	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:32	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 15:32	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 15:32	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2007_INF
Date Collected: 08/04/16 09:03
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 15:32	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 15:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 15:32	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 15:32	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 15:32	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 15:32	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 15:32	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 15:32	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 15:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 15:32	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 15:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:32	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 15:32	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 15:32	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 15:32	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/06/16 15:32*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/06/16 15:32*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/06/16 15:32*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/06/16 15:20	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2008_INF
Date Collected: 08/04/16 10:18
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 15:51	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 15:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 15:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 15:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:51	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 15:51	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 15:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 15:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 15:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 15:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 15:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 15:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 15:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 15:51	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 15:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 15:51	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 15:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 15:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 15:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 15:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 15:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 15:51	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:51	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 15:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 15:51	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 15:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 15:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 15:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 15:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 15:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 15:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 15:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 15:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 15:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 15:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 15:51	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 15:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 15:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 15:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 15:51	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 15:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 15:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 15:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 15:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:51	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 15:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 15:51	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2008_INF
Date Collected: 08/04/16 10:18
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 15:51	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 15:51	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 15:51	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 15:51	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 15:51	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 15:51	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 15:51	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 15:51	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 15:51	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 15:51	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 15:51	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:51	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 15:51	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 15:51	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 15:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/06/16 15:51*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/06/16 15:51*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/06/16 15:51*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.3**		2.0	1.0	ug/L			08/06/16 15:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2009_INF
Date Collected: 08/04/16 10:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 16:10	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 16:10	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:10	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 16:10	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:10	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 16:10	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 16:10	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 16:10	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:10	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 16:10	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 16:10	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:10	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 16:10	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 16:10	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 16:10	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 16:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 16:10	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 16:10	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 16:10	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 16:10	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 16:10	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 16:10	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 16:10	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 16:10	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:10	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 16:10	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 16:10	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 16:10	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 16:10	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 16:10	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 16:10	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 16:10	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 16:10	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 16:10	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 16:10	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 16:10	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 16:10	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 16:10	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 16:10	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 16:10	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 16:10	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 16:10	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 16:10	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 16:10	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 16:10	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 16:10	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:10	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 16:10	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 16:10	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2009_INF
Date Collected: 08/04/16 10:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 16:10	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 16:10	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 16:10	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 16:10	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 16:10	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 16:10	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 16:10	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:10	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 16:10	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 16:10	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 16:10	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:10	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 16:10	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 16:10	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 16:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/06/16 16:10*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/06/16 16:10*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*08/06/16 16:10*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**	**I**	2.0	1.0	ug/L			08/06/16 15:57	1

Client Sample ID: EW2010_INF
Date Collected: 08/04/16 10:22
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 16:29	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 16:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 16:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:29	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 16:29	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 16:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 16:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 16:29	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 16:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 16:29	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 16:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 16:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 16:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 16:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 16:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 16:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 16:29	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 16:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 16:29	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 16:29	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 16:29	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:29	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 16:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 16:29	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 16:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 16:29	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 16:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 16:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 16:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 16:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 16:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 16:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 16:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 16:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 16:29	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 16:29	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 16:29	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 16:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 16:29	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 16:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 16:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 16:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 16:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:29	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 16:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 16:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2010_INF
Date Collected: 08/04/16 10:22
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 16:29	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 16:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 16:29	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 16:29	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 16:29	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 16:29	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 16:29	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:29	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 16:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 16:29	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 16:29	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:29	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 16:29	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 16:29	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 16:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/06/16 16:29*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/06/16 16:29*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/06/16 16:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.2**		2.0	1.0	ug/L			08/06/16 16:17	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2011_INF
Date Collected: 08/04/16 10:26
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 16:48	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 16:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 16:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 16:48	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 16:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 16:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 16:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 16:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 16:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 16:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 16:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 16:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 16:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 16:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 16:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 16:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 16:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 16:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 16:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 16:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:48	1
1,1-Dichloroethane	**0.82**	**I**	1.0	0.52	ug/L			08/06/16 16:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 16:48	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 16:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 16:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 16:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 16:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 16:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 16:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 16:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 16:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 16:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 16:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 16:48	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 16:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 16:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 16:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 16:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 16:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 16:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 16:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 16:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:48	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 16:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 16:48	1

Client Sample ID: EW2011_INF
Date Collected: 08/04/16 10:26
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 16:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 16:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 16:48	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 16:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 16:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 16:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 16:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 16:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 16:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 16:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 16:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 16:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 16:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/06/16 16:48*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*08/06/16 16:48*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/06/16 16:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.5**		2.0	1.0	ug/L			08/06/16 16:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2012_INF
Date Collected: 08/04/16 09:32
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 17:07	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 17:07	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:07	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 17:07	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:07	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 17:07	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 17:07	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 17:07	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:07	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 17:07	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 17:07	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:07	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 17:07	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 17:07	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 17:07	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 17:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 17:07	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 17:07	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 17:07	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 17:07	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 17:07	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 17:07	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 17:07	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 17:07	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:07	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 17:07	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 17:07	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 17:07	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 17:07	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 17:07	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 17:07	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 17:07	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 17:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 17:07	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 17:07	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 17:07	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 17:07	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 17:07	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 17:07	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 17:07	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 17:07	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 17:07	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 17:07	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 17:07	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 17:07	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 17:07	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:07	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 17:07	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 17:07	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2012_INF
Date Collected: 08/04/16 09:32
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 17:07	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 17:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 17:07	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 17:07	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 17:07	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 17:07	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 17:07	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:07	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 17:07	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 17:07	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 17:07	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:07	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 17:07	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 17:07	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 17:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/06/16 17:07*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/06/16 17:07*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/06/16 17:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.3**		2.0	1.0	ug/L			08/06/16 16:58	1

Client Sample ID: EW2013_INF
Date Collected: 08/04/16 09:27
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 17:25	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 17:25	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:25	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 17:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:25	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 17:25	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 17:25	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 17:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:25	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 17:25	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 17:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 17:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 17:25	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 17:25	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 17:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 17:25	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 17:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 17:25	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 17:25	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 17:25	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 17:25	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 17:25	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 17:25	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:25	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 17:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 17:25	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 17:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 17:25	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 17:25	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 17:25	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 17:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 17:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 17:25	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 17:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 17:25	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 17:25	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 17:25	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 17:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 17:25	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 17:25	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 17:25	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 17:25	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 17:25	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 17:25	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 17:25	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:25	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 17:25	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 17:25	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2013_INF
Date Collected: 08/04/16 09:27
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 17:25	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 17:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 17:25	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 17:25	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 17:25	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 17:25	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 17:25	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:25	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 17:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 17:25	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 17:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:25	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 17:25	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 17:25	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 17:25	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/06/16 17:25*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/06/16 17:25*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/06/16 17:25*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/06/16 17:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2014_INF
Date Collected: 08/04/16 12:59
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/10/16 12:42	1
Benzene	0.50	U	1.0	0.50	ug/L			08/10/16 12:42	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 12:42	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/10/16 12:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:42	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/10/16 12:42	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/10/16 12:42	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/10/16 12:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/10/16 12:42	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/10/16 12:42	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/10/16 12:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:42	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/10/16 12:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/10/16 12:42	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/10/16 12:42	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/10/16 12:42	1
cis-1,2-Dichloroethene	**3.8**		1.0	0.65	ug/L			08/10/16 12:42	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/10/16 12:42	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/10/16 12:42	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/10/16 12:42	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/10/16 12:42	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/10/16 12:42	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/10/16 12:42	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/10/16 12:42	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:42	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/10/16 12:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/10/16 12:42	1
1,1-Dichloroethene	**1.1**		1.0	0.67	ug/L			08/10/16 12:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/10/16 12:42	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/10/16 12:42	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/10/16 12:42	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/10/16 12:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/10/16 12:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/10/16 12:42	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/10/16 12:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/10/16 12:42	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/10/16 12:42	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/10/16 12:42	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/10/16 12:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/10/16 12:42	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/10/16 12:42	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/10/16 12:42	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/10/16 12:42	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/10/16 12:42	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/10/16 12:42	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/10/16 12:42	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/10/16 12:42	1
Styrene	0.98	U	2.0	0.98	ug/L			08/10/16 12:42	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/10/16 12:42	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2014_INF
Date Collected: 08/04/16 12:59
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/10/16 12:42	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/10/16 12:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/10/16 12:42	1
Toluene	0.51	U	1.0	0.51	ug/L			08/10/16 12:42	1
trans-1,2-Dichloroethene	**1.1**		1.0	0.67	ug/L			08/10/16 12:42	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/10/16 12:42	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/10/16 12:42	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 12:42	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 12:42	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 12:42	1
Trichloroethene	**72**		1.0	0.61	ug/L			08/10/16 12:42	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:42	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/10/16 12:42	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/10/16 12:42	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/10/16 12:42	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/10/16 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*08/10/16 12:42*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/10/16 12:42*	*1*
Toluene-d8 (Surr)	*118*		*70 - 130*		*08/10/16 12:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.1**		2.0	1.0	ug/L			08/06/16 17:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2015_INF
Date Collected: 08/04/16 14:23
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 17:44	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 17:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 17:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 17:44	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 17:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 17:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 17:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 17:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 17:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 17:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 17:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 17:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 17:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 17:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 17:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 17:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 17:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 17:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 17:44	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 17:44	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:44	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 17:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 17:44	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 17:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 17:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 17:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 17:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 17:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 17:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 17:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 17:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 17:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 17:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 17:44	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 17:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 17:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 17:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 17:44	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 17:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 17:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 17:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 17:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:44	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 17:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 17:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2015_INF
Date Collected: 08/04/16 14:23
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 17:44	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 17:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 17:44	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 17:44	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 17:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 17:44	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 17:44	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:44	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 17:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 17:44	1
Trichloroethene	**3.7**		1.0	0.61	ug/L			08/06/16 17:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:44	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 17:44	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 17:44	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 17:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/06/16 17:44*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/06/16 17:44*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/06/16 17:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/06/16 17:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2016_INF
Date Collected: 08/05/16 08:01
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/10/16 12:05	1
Benzene	0.50	U	1.0	0.50	ug/L			08/10/16 12:05	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 12:05	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/10/16 12:05	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:05	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/10/16 12:05	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/10/16 12:05	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/10/16 12:05	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/10/16 12:05	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/10/16 12:05	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/10/16 12:05	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:05	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/10/16 12:05	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/10/16 12:05	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/10/16 12:05	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/10/16 12:05	1
cis-1,2-Dichloroethene	**0.80**	**I**	1.0	0.65	ug/L			08/10/16 12:05	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/10/16 12:05	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/10/16 12:05	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/10/16 12:05	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/10/16 12:05	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/10/16 12:05	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/10/16 12:05	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/10/16 12:05	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:05	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/10/16 12:05	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/10/16 12:05	1
1,1-Dichloroethene	**1.1**		1.0	0.67	ug/L			08/10/16 12:05	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/10/16 12:05	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/10/16 12:05	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/10/16 12:05	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/10/16 12:05	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/10/16 12:05	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/10/16 12:05	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/10/16 12:05	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/10/16 12:05	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/10/16 12:05	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/10/16 12:05	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/10/16 12:05	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/10/16 12:05	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/10/16 12:05	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/10/16 12:05	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/10/16 12:05	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/10/16 12:05	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/10/16 12:05	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/10/16 12:05	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/10/16 12:05	1
Styrene	0.98	U	2.0	0.98	ug/L			08/10/16 12:05	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/10/16 12:05	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2016_INF
Date Collected: 08/05/16 08:01
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/10/16 12:05	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/10/16 12:05	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/10/16 12:05	1
Toluene	0.51	U	1.0	0.51	ug/L			08/10/16 12:05	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/10/16 12:05	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/10/16 12:05	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/10/16 12:05	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 12:05	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 12:05	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 12:05	1
Trichloroethene	**6.3**		1.0	0.61	ug/L			08/10/16 12:05	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:05	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/10/16 12:05	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/10/16 12:05	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/10/16 12:05	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/10/16 12:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*08/10/16 12:05*	*1*
Dibromofluoromethane	*122*		*70 - 130*		*08/10/16 12:05*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/10/16 12:05*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.6**	**I**	2.0	1.0	ug/L			08/06/16 18:11	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2017_INF
Date Collected: 08/05/16 07:44
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 18:22	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 18:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 18:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 18:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 18:22	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 18:22	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 18:22	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 18:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 18:22	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 18:22	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 18:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 18:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 18:22	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 18:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 18:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 18:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 18:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 18:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 18:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 18:22	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 18:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:22	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 18:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 18:22	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 18:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 18:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 18:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 18:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 18:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 18:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 18:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 18:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 18:22	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 18:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 18:22	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 18:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 18:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 18:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 18:22	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 18:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 18:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 18:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 18:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:22	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 18:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 18:22	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2017_INF
Date Collected: 08/05/16 07:44
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 18:22	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 18:22	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 18:22	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 18:22	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 18:22	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 18:22	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 18:22	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 18:22	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 18:22	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 18:22	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 18:22	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:22	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 18:22	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 18:22	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 18:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/06/16 18:22*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/06/16 18:22*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*08/06/16 18:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/06/16 18:30	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2018_INF
Date Collected: 08/05/16 08:06
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/10/16 12:23	1
Benzene	0.50	U	1.0	0.50	ug/L			08/10/16 12:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 12:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/10/16 12:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/10/16 12:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/10/16 12:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/10/16 12:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/10/16 12:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/10/16 12:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/10/16 12:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/10/16 12:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/10/16 12:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/10/16 12:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/10/16 12:23	1
cis-1,2-Dichloroethene	**16**		1.0	0.65	ug/L			08/10/16 12:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/10/16 12:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/10/16 12:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/10/16 12:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/10/16 12:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/10/16 12:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/10/16 12:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/10/16 12:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:23	1
1,1-Dichloroethane	**0.86**	**I**	1.0	0.52	ug/L			08/10/16 12:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/10/16 12:23	1
1,1-Dichloroethene	**1.5**		1.0	0.67	ug/L			08/10/16 12:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/10/16 12:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/10/16 12:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/10/16 12:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/10/16 12:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/10/16 12:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/10/16 12:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/10/16 12:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/10/16 12:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/10/16 12:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/10/16 12:23	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/10/16 12:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/10/16 12:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/10/16 12:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/10/16 12:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/10/16 12:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/10/16 12:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/10/16 12:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/10/16 12:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/10/16 12:23	1
Styrene	0.98	U	2.0	0.98	ug/L			08/10/16 12:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/10/16 12:23	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2018_INF
Date Collected: 08/05/16 08:06
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/10/16 12:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/10/16 12:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/10/16 12:23	1
Toluene	0.51	U	1.0	0.51	ug/L			08/10/16 12:23	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/10/16 12:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/10/16 12:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/10/16 12:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 12:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 12:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 12:23	1
Trichloroethene	**13**		1.0	0.61	ug/L			08/10/16 12:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/10/16 12:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/10/16 12:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/10/16 12:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/10/16 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/10/16 12:23*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/10/16 12:23*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/10/16 12:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.1**		2.0	1.0	ug/L			08/06/16 18:48	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2019_INF
Date Collected: 08/05/16 08:13
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 18:41	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 18:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 18:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 18:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 18:41	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 18:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 18:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 18:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 18:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 18:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 18:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 18:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 18:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 18:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 18:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 18:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 18:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 18:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 18:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 18:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 18:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:41	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 18:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 18:41	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 18:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 18:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 18:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 18:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 18:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 18:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 18:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 18:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 18:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 18:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 18:41	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 18:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 18:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 18:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 18:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 18:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 18:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 18:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 18:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:41	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 18:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 18:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2019_INF
Date Collected: 08/05/16 08:13
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 18:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 18:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 18:41	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 18:41	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 18:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 18:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 18:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 18:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 18:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 18:41	1
Trichloroethene	**2.7**		1.0	0.61	ug/L			08/06/16 18:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 18:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 18:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 18:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/06/16 18:41*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/06/16 18:41*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/06/16 18:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/06/16 19:09	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2020_INF
Date Collected: 08/05/16 07:52
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 19:00	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 19:00	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 19:00	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 19:00	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 19:00	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 19:00	1
Carbon disulfide	1.0	U J3	2.0	1.0	ug/L			08/06/16 19:00	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 19:00	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 19:00	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 19:00	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 19:00	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 19:00	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 19:00	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 19:00	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 19:00	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 19:00	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 19:00	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 19:00	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 19:00	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 19:00	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 19:00	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 19:00	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 19:00	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 19:00	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 19:00	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 19:00	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 19:00	1
1,1-Dichloroethene	0.67	U J3	1.0	0.67	ug/L			08/06/16 19:00	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 19:00	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 19:00	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 19:00	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 19:00	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 19:00	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 19:00	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 19:00	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 19:00	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 19:00	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 19:00	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 19:00	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 19:00	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 19:00	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 19:00	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 19:00	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 19:00	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 19:00	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 19:00	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 19:00	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 19:00	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 19:00	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2020_INF
Date Collected: 08/05/16 07:52
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 19:00	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 19:00	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 19:00	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 19:00	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 19:00	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 19:00	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 19:00	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 19:00	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 19:00	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 19:00	1
Trichloroethene	**4.0**		1.0	0.61	ug/L			08/06/16 19:00	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 19:00	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 19:00	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 19:00	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 19:00	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/06/16 19:00*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/06/16 19:00*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*08/06/16 19:00*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/06/16 19:27	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2021_INF
Date Collected: 08/05/16 08:11
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 12:58	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 12:58	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 12:58	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 12:58	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:58	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 12:58	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 12:58	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 12:58	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 12:58	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 12:58	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 12:58	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:58	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 12:58	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 12:58	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 12:58	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 12:58	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 12:58	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 12:58	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 12:58	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 12:58	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 12:58	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 12:58	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 12:58	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 12:58	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 12:58	1
1,1-Dichloroethane	**0.55**	**I**	1.0	0.52	ug/L			08/06/16 12:58	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 12:58	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 12:58	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 12:58	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 12:58	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 12:58	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 12:58	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 12:58	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 12:58	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 12:58	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 12:58	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 12:58	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 12:58	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 12:58	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 12:58	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 12:58	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 12:58	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 12:58	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 12:58	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 12:58	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 12:58	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 12:58	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 12:58	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 12:58	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2021_INF
Date Collected: 08/05/16 08:11
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 12:58	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 12:58	1
Tetrachloroethene	**1.2**		1.0	0.50	ug/L			08/06/16 12:58	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 12:58	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 12:58	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 12:58	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 12:58	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 12:58	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 12:58	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 12:58	1
Trichloroethene	**4.7**		1.0	0.61	ug/L			08/06/16 12:58	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:58	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 12:58	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 12:58	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 12:58	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/06/16 12:58*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/06/16 12:58*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/06/16 12:58*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 13:26	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2022_INF
Date Collected: 08/05/16 07:56
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 13:37	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 13:37	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 13:37	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 13:37	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 13:37	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 13:37	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 13:37	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 13:37	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 13:37	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 13:37	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 13:37	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 13:37	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 13:37	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 13:37	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 13:37	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 13:37	1
cis-1,2-Dichloroethene	**2.1**		1.0	0.65	ug/L			08/06/16 13:37	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 13:37	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 13:37	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 13:37	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 13:37	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 13:37	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 13:37	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 13:37	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 13:37	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 13:37	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 13:37	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 13:37	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 13:37	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 13:37	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 13:37	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 13:37	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 13:37	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 13:37	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 13:37	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 13:37	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 13:37	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 13:37	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 13:37	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 13:37	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 13:37	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 13:37	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 13:37	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 13:37	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 13:37	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 13:37	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 13:37	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 13:37	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 13:37	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2022_INF
Date Collected: 08/05/16 07:56
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 13:37	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 13:37	1
Tetrachloroethene	**1.1**		1.0	0.50	ug/L			08/06/16 13:37	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 13:37	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 13:37	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 13:37	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 13:37	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 13:37	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 13:37	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 13:37	1
Trichloroethene	**2.3**		1.0	0.61	ug/L			08/06/16 13:37	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 13:37	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 13:37	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 13:37	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 13:37	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/06/16 13:37*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/06/16 13:37*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/06/16 13:37*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 14:45	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2023_INF
Date Collected: 08/05/16 07:58
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 14:36	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 14:36	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 14:36	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 14:36	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:36	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 14:36	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 14:36	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 14:36	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 14:36	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 14:36	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 14:36	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:36	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 14:36	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 14:36	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 14:36	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 14:36	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.65	ug/L			08/06/16 14:36	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 14:36	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 14:36	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 14:36	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 14:36	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 14:36	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 14:36	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 14:36	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 14:36	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 14:36	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 14:36	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 14:36	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 14:36	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 14:36	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 14:36	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 14:36	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 14:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 14:36	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 14:36	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 14:36	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 14:36	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 14:36	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 14:36	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 14:36	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 14:36	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 14:36	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 14:36	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 14:36	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 14:36	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 14:36	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 14:36	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 14:36	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 14:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2023_INF
Date Collected: 08/05/16 07:58
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 14:36	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 14:36	1
Tetrachloroethene	**0.88**	**I**	1.0	0.50	ug/L			08/06/16 14:36	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 14:36	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 14:36	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 14:36	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 14:36	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 14:36	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 14:36	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 14:36	1
Trichloroethene	**2.0**		1.0	0.61	ug/L			08/06/16 14:36	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:36	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 14:36	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 14:36	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 14:36	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/06/16 14:36*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/06/16 14:36*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/06/16 14:36*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 15:03	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2024_INF
Date Collected: 08/05/16 07:54
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 18:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 18:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 18:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 18:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 18:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 18:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 18:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 18:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 18:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 18:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 18:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 18:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 18:13	1
cis-1,2-Dichloroethene	**1.4**		1.0	0.65	ug/L			08/06/16 18:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 18:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 18:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 18:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 18:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 18:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 18:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 18:13	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 18:13	1
1,1-Dichloroethane	**1.3**		1.0	0.52	ug/L			08/06/16 18:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 18:13	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 18:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 18:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 18:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 18:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 18:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 18:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 18:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 18:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 18:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 18:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 18:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 18:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 18:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 18:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 18:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 18:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 18:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 18:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 18:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 18:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 18:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2024_INF
Date Collected: 08/05/16 07:54
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 18:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 18:13	1
Tetrachloroethene	**3.0**		1.0	0.50	ug/L			08/06/16 18:13	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 18:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 18:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 18:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 18:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 18:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 18:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 18:13	1
Trichloroethene	**19**		1.0	0.61	ug/L			08/06/16 18:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 18:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 18:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 18:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/06/16 18:13*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/06/16 18:13*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/06/16 18:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**	**I**	2.0	1.0	ug/L			08/07/16 15:22	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2025_INF
Date Collected: 08/05/16 08:16
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 14:56	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 14:56	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 14:56	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 14:56	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:56	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 14:56	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 14:56	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 14:56	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 14:56	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 14:56	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 14:56	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:56	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 14:56	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 14:56	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 14:56	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 14:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 14:56	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 14:56	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 14:56	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 14:56	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 14:56	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 14:56	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 14:56	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 14:56	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 14:56	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 14:56	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 14:56	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 14:56	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 14:56	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 14:56	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 14:56	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 14:56	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 14:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 14:56	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 14:56	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 14:56	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 14:56	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 14:56	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 14:56	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 14:56	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 14:56	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 14:56	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 14:56	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 14:56	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 14:56	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 14:56	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 14:56	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 14:56	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 14:56	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2025_INF
Date Collected: 08/05/16 08:16
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 14:56	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 14:56	1
Tetrachloroethene	**1.5**		1.0	0.50	ug/L			08/06/16 14:56	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 14:56	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 14:56	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 14:56	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 14:56	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 14:56	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 14:56	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 14:56	1
Trichloroethene	**4.1**		1.0	0.61	ug/L			08/06/16 14:56	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:56	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 14:56	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 14:56	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 14:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/06/16 14:56*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/06/16 14:56*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/06/16 14:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 15:40	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2026_INF
Date Collected: 08/05/16 07:06
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 15:16	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 15:16	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 15:16	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 15:16	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:16	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 15:16	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 15:16	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 15:16	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:16	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 15:16	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 15:16	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:16	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 15:16	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 15:16	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 15:16	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 15:16	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 15:16	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 15:16	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 15:16	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 15:16	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 15:16	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 15:16	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 15:16	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 15:16	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 15:16	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 15:16	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 15:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 15:16	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 15:16	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 15:16	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 15:16	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 15:16	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 15:16	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 15:16	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 15:16	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 15:16	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 15:16	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 15:16	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 15:16	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 15:16	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 15:16	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 15:16	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 15:16	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 15:16	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 15:16	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 15:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:16	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 15:16	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 15:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2026_INF
Date Collected: 08/05/16 07:06
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 15:16	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 15:16	1
Tetrachloroethene	**6.2**		1.0	0.50	ug/L			08/06/16 15:16	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 15:16	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 15:16	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 15:16	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 15:16	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 15:16	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 15:16	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 15:16	1
Trichloroethene	**11**		1.0	0.61	ug/L			08/06/16 15:16	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:16	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 15:16	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 15:16	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 15:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*08/06/16 15:16*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/06/16 15:16*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/06/16 15:16*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 15:58	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2027_INF
Date Collected: 08/05/16 06:52
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 15:35	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 15:35	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 15:35	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 15:35	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:35	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 15:35	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 15:35	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 15:35	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:35	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 15:35	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 15:35	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:35	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 15:35	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 15:35	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 15:35	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 15:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 15:35	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 15:35	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 15:35	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 15:35	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 15:35	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 15:35	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 15:35	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 15:35	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 15:35	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 15:35	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 15:35	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 15:35	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 15:35	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 15:35	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 15:35	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 15:35	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 15:35	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 15:35	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 15:35	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 15:35	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 15:35	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 15:35	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 15:35	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 15:35	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 15:35	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 15:35	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 15:35	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 15:35	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 15:35	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 15:35	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:35	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 15:35	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 15:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2027_INF
Date Collected: 08/05/16 06:52
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 15:35	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 15:35	1
Tetrachloroethene	**1.5**		1.0	0.50	ug/L			08/06/16 15:35	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 15:35	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 15:35	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 15:35	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 15:35	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 15:35	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 15:35	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 15:35	1
Trichloroethene	**8.4**		1.0	0.61	ug/L			08/06/16 15:35	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:35	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 15:35	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 15:35	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 15:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/06/16 15:35*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/06/16 15:35*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/06/16 15:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 16:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2028_INF
Date Collected: 08/05/16 07:02
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 19:51	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 19:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 19:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 19:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 19:51	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 19:51	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 19:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 19:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 19:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 19:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 19:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 19:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 19:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 19:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 19:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 19:51	1
cis-1,2-Dichloroethene	**4.6**		1.0	0.65	ug/L			08/06/16 19:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 19:51	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 19:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 19:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 19:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 19:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 19:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 19:51	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 19:51	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 19:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 19:51	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 19:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 19:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 19:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 19:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 19:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 19:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 19:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 19:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 19:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 19:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 19:51	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 19:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 19:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 19:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 19:51	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 19:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 19:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 19:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 19:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 19:51	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 19:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 19:51	1

Client Sample ID: EW2028_INF
Date Collected: 08/05/16 07:02
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 19:51	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 19:51	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 19:51	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 19:51	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 19:51	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 19:51	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 19:51	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 19:51	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 19:51	1
Trichloroethene	**29**		1.0	0.61	ug/L			08/06/16 19:51	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 19:51	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 19:51	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 19:51	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 19:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/06/16 19:51*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/06/16 19:51*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/06/16 19:51*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**80**		10	5.0	ug/L			08/06/16 19:32	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/06/16 19:32*	*10*
Dibromofluoromethane	*107*		*70 - 130*		*08/06/16 19:32*	*10*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/06/16 19:32*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 16:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2029_INF
Date Collected: 08/05/16 07:28
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 18:33	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 18:33	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 18:33	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 18:33	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:33	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 18:33	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 18:33	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 18:33	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:33	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 18:33	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 18:33	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:33	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 18:33	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 18:33	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 18:33	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 18:33	1
cis-1,2-Dichloroethene	**0.96**	**I**	1.0	0.65	ug/L			08/06/16 18:33	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 18:33	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 18:33	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 18:33	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 18:33	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 18:33	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 18:33	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 18:33	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 18:33	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 18:33	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 18:33	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 18:33	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 18:33	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 18:33	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 18:33	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 18:33	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 18:33	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 18:33	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 18:33	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 18:33	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 18:33	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 18:33	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 18:33	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 18:33	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 18:33	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 18:33	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 18:33	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 18:33	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 18:33	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 18:33	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:33	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 18:33	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 18:33	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2029_INF
Date Collected: 08/05/16 07:28
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 18:33	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 18:33	1
Tetrachloroethene	**12**		1.0	0.50	ug/L			08/06/16 18:33	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 18:33	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 18:33	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 18:33	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 18:33	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 18:33	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 18:33	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 18:33	1
Trichloroethene	**13**		1.0	0.61	ug/L			08/06/16 18:33	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:33	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 18:33	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 18:33	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 18:33	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/06/16 18:33*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/06/16 18:33*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/06/16 18:33*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 16:57	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2030_INF
Date Collected: 08/05/16 06:47
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 15:55	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 15:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 15:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 15:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 15:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 15:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 15:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 15:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 15:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 15:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 15:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 15:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 15:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 15:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 15:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 15:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 15:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 15:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 15:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 15:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 15:55	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 15:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 15:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 15:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 15:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 15:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 15:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 15:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 15:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 15:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 15:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 15:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 15:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 15:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 15:55	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 15:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 15:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 15:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 15:55	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 15:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 15:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 15:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 15:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:55	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 15:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 15:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2030_INF
Date Collected: 08/05/16 06:47
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 15:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 15:55	1
Tetrachloroethene	**1.6**		1.0	0.50	ug/L			08/06/16 15:55	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 15:55	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 15:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 15:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 15:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 15:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 15:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 15:55	1
Trichloroethene	**0.83**	**I**	1.0	0.61	ug/L			08/06/16 15:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 15:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 15:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 15:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*08/06/16 15:55*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/06/16 15:55*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/06/16 15:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 17:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2031_INF
Date Collected: 08/05/16 06:41
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 16:15	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 16:15	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 16:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 16:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 16:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 16:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 16:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 16:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 16:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 16:15	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 16:15	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 16:15	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 16:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 16:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 16:15	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 16:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 16:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 16:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 16:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 16:15	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 16:15	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 16:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 16:15	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 16:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 16:15	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 16:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 16:15	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 16:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 16:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 16:15	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 16:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 16:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 16:15	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 16:15	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 16:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 16:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 16:15	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 16:15	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 16:15	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 16:15	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 16:15	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 16:15	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:15	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 16:15	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 16:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2031_INF
Date Collected: 08/05/16 06:41
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 16:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 16:15	1
Tetrachloroethene	**1.0**		1.0	0.50	ug/L			08/06/16 16:15	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 16:15	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 16:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 16:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 16:15	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 16:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 16:15	1
Trichloroethene	**2.0**		1.0	0.61	ug/L			08/06/16 16:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:15	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 16:15	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 16:15	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 16:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/06/16 16:15*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/06/16 16:15*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/06/16 16:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 17:39	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2032_INF
Date Collected: 08/05/16 07:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 18:52	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 18:52	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 18:52	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 18:52	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:52	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 18:52	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 18:52	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 18:52	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:52	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 18:52	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 18:52	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:52	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 18:52	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 18:52	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 18:52	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 18:52	1
cis-1,2-Dichloroethene	**2.6**		1.0	0.65	ug/L			08/06/16 18:52	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 18:52	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 18:52	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 18:52	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 18:52	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 18:52	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 18:52	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 18:52	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 18:52	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 18:52	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 18:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 18:52	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 18:52	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 18:52	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 18:52	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 18:52	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 18:52	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 18:52	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 18:52	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 18:52	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 18:52	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 18:52	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 18:52	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 18:52	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 18:52	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 18:52	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 18:52	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 18:52	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 18:52	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 18:52	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:52	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 18:52	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 18:52	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2032_INF
Date Collected: 08/05/16 07:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 18:52	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 18:52	1
Tetrachloroethene	**37**		1.0	0.50	ug/L			08/06/16 18:52	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 18:52	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 18:52	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 18:52	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 18:52	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 18:52	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 18:52	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 18:52	1
Trichloroethene	**34**		1.0	0.61	ug/L			08/06/16 18:52	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:52	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 18:52	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 18:52	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 18:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/06/16 18:52*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/06/16 18:52*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/06/16 18:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 17:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2033_INF
Date Collected: 08/05/16 07:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 20:31	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 20:31	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 20:31	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 20:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 20:31	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 20:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 20:31	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 20:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 20:31	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 20:31	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 20:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 20:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 20:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 20:31	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 20:31	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 20:31	1
cis-1,2-Dichloroethene	**2.6**		1.0	0.65	ug/L			08/06/16 20:31	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 20:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 20:31	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 20:31	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 20:31	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 20:31	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 20:31	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 20:31	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 20:31	1
1,1-Dichloroethane	**1.0**		1.0	0.52	ug/L			08/06/16 20:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 20:31	1
1,1-Dichloroethene	**1.1**		1.0	0.67	ug/L			08/06/16 20:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 20:31	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 20:31	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 20:31	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 20:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 20:31	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 20:31	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 20:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 20:31	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 20:31	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 20:31	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 20:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 20:31	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 20:31	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 20:31	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 20:31	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 20:31	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 20:31	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 20:31	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 20:31	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 20:31	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 20:31	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2033_INF
Date Collected: 08/05/16 07:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 20:31	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 20:31	1
Tetrachloroethene	**45**		1.0	0.50	ug/L			08/06/16 20:31	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 20:31	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 20:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 20:31	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 20:31	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 20:31	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 20:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 20:31	1
Trichloroethene	**85**		1.0	0.61	ug/L			08/06/16 20:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 20:31	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 20:31	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 20:31	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 20:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/06/16 20:31*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/06/16 20:31*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/06/16 20:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.2**		2.0	1.0	ug/L			08/07/16 18:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2034_INF
Date Collected: 08/04/16 14:46
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 16:35	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 16:35	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:35	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 16:35	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:35	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 16:35	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 16:35	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 16:35	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:35	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 16:35	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 16:35	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:35	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 16:35	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 16:35	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 16:35	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 16:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 16:35	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 16:35	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 16:35	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 16:35	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 16:35	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 16:35	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 16:35	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 16:35	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 16:35	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 16:35	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 16:35	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 16:35	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 16:35	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 16:35	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 16:35	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 16:35	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 16:35	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 16:35	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 16:35	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 16:35	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 16:35	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 16:35	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 16:35	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 16:35	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 16:35	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 16:35	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 16:35	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 16:35	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 16:35	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 16:35	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:35	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 16:35	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 16:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2034_INF
Date Collected: 08/04/16 14:46
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 16:35	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 16:35	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 16:35	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 16:35	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 16:35	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 16:35	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 16:35	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:35	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 16:35	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 16:35	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 16:35	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:35	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 16:35	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 16:35	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 16:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/06/16 16:35*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/06/16 16:35*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/06/16 16:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 18:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2035_INF
Date Collected: 08/04/16 12:46
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 16:54	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 16:54	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:54	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 16:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:54	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 16:54	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 16:54	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 16:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:54	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 16:54	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 16:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 16:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 16:54	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 16:54	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 16:54	1
cis-1,2-Dichloroethene	**2.1**		1.0	0.65	ug/L			08/06/16 16:54	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 16:54	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 16:54	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 16:54	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 16:54	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 16:54	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 16:54	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 16:54	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 16:54	1
1,1-Dichloroethane	**2.7**		1.0	0.52	ug/L			08/06/16 16:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 16:54	1
1,1-Dichloroethene	**3.7**		1.0	0.67	ug/L			08/06/16 16:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 16:54	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 16:54	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 16:54	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 16:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 16:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 16:54	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 16:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 16:54	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 16:54	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 16:54	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 16:54	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 16:54	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 16:54	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 16:54	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 16:54	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 16:54	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 16:54	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 16:54	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:54	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 16:54	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 16:54	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2035_INF
Date Collected: 08/04/16 12:46
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 16:54	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 16:54	1
Tetrachloroethene	**12**		1.0	0.50	ug/L			08/06/16 16:54	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 16:54	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 16:54	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 16:54	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 16:54	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:54	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 16:54	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 16:54	1
Trichloroethene	**5.8**		1.0	0.61	ug/L			08/06/16 16:54	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:54	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 16:54	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 16:54	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 16:54	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/06/16 16:54*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/06/16 16:54*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/06/16 16:54*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**	**I**	2.0	1.0	ug/L			08/07/16 18:58	1

Client Sample ID: EW2036_INF
Date Collected: 08/04/16 10:58
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 17:14	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 17:14	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:14	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 17:14	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:14	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 17:14	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 17:14	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 17:14	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:14	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 17:14	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 17:14	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:14	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 17:14	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 17:14	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 17:14	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 17:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 17:14	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 17:14	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 17:14	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 17:14	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 17:14	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 17:14	1
1,4-Dichlorobenzene	**1.2**		1.0	0.60	ug/L			08/06/16 17:14	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 17:14	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 17:14	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 17:14	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 17:14	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 17:14	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 17:14	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 17:14	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 17:14	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 17:14	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 17:14	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 17:14	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 17:14	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 17:14	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 17:14	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 17:14	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 17:14	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 17:14	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 17:14	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 17:14	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 17:14	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 17:14	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 17:14	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 17:14	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:14	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 17:14	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 17:14	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2036_INF
Date Collected: 08/04/16 10:58
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 17:14	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 17:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 17:14	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 17:14	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 17:14	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 17:14	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 17:14	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:14	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 17:14	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 17:14	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 17:14	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:14	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 17:14	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 17:14	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 17:14	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/06/16 17:14*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/06/16 17:14*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/06/16 17:14*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 19:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2037_INF
Date Collected: 08/04/16 14:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-37
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 17:34	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 17:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 17:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 17:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 17:34	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 17:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 17:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 17:34	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 17:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 17:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 17:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 17:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 17:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 17:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 17:34	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 17:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 17:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 17:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 17:34	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 17:34	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 17:34	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 17:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 17:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 17:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 17:34	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 17:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 17:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 17:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 17:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 17:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 17:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 17:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 17:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 17:34	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 17:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 17:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 17:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 17:34	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 17:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 17:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 17:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 17:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:34	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 17:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 17:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2037_INF
Date Collected: 08/04/16 14:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-37
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 17:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 17:34	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 17:34	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 17:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 17:34	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 17:34	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 17:34	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:34	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 17:34	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 17:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 17:34	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:34	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 17:34	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 17:34	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 17:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/06/16 17:34*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/06/16 17:34*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/06/16 17:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.0**	**I**	2.0	1.0	ug/L			08/07/16 19:36	1

Client Sample ID: EW2101_INF
Date Collected: 08/04/16 07:43
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 17:53	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 17:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 17:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:53	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 17:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 17:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 17:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 17:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 17:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 17:53	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 17:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 17:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 17:53	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 17:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 17:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 17:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 17:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 17:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 17:53	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 17:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 17:53	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/06/16 17:53	1
1,1-Dichloroethane	**1.7**		1.0	0.52	ug/L			08/06/16 17:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 17:53	1
1,1-Dichloroethene	**2.3**		1.0	0.67	ug/L			08/06/16 17:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 17:53	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 17:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 17:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 17:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 17:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 17:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 17:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 17:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 17:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 17:53	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 17:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 17:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 17:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 17:53	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 17:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 17:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 17:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 17:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:53	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 17:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 17:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2101_INF
Date Collected: 08/04/16 07:43
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 17:53	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 17:53	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 17:53	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 17:53	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 17:53	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 17:53	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 17:53	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:53	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 17:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 17:53	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 17:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:53	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 17:53	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 17:53	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 17:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/06/16 17:53*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/06/16 17:53*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/06/16 17:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.6**		2.0	1.0	ug/L			08/07/16 19:57	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2102_INF
Date Collected: 08/04/16 07:34
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/15/16 16:23	1
Benzene	0.50	U	1.0	0.50	ug/L			08/15/16 16:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/15/16 16:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/15/16 16:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/15/16 16:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/15/16 16:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/15/16 16:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/15/16 16:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/15/16 16:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/15/16 16:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/15/16 16:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/15/16 16:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/15/16 16:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/15/16 16:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/15/16 16:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/15/16 16:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/15/16 16:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/15/16 16:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/15/16 16:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/15/16 16:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/15/16 16:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/15/16 16:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/15/16 16:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/15/16 16:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/15/16 16:23	1
1,1-Dichloroethane	**1.2**		1.0	0.52	ug/L			08/15/16 16:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/15/16 16:23	1
1,1-Dichloroethene	**5.1**		1.0	0.67	ug/L			08/15/16 16:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/15/16 16:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/15/16 16:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/15/16 16:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/15/16 16:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/15/16 16:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/15/16 16:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/15/16 16:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/15/16 16:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/15/16 16:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/15/16 16:23	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/15/16 16:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/15/16 16:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/15/16 16:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/15/16 16:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/15/16 16:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/15/16 16:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/15/16 16:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/15/16 16:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/15/16 16:23	1
Styrene	0.98	U	2.0	0.98	ug/L			08/15/16 16:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/15/16 16:23	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2102_INF
Date Collected: 08/04/16 07:34
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/15/16 16:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/15/16 16:23	1
Tetrachloroethene	**4.0**		1.0	0.50	ug/L			08/15/16 16:23	1
Toluene	0.51	U	1.0	0.51	ug/L			08/15/16 16:23	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/15/16 16:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/15/16 16:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/15/16 16:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/15/16 16:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/15/16 16:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/15/16 16:23	1
Trichloroethene	**6.0**		1.0	0.61	ug/L			08/15/16 16:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/15/16 16:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/15/16 16:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/15/16 16:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/15/16 16:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/15/16 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/15/16 16:23*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*08/15/16 16:23*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/15/16 16:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.0**		2.0	1.0	ug/L			08/07/16 20:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2103_INF
Date Collected: 08/04/16 13:58
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/15/16 16:43	1
Benzene	0.50	U	1.0	0.50	ug/L			08/15/16 16:43	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/15/16 16:43	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/15/16 16:43	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/15/16 16:43	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/15/16 16:43	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/15/16 16:43	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/15/16 16:43	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/15/16 16:43	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/15/16 16:43	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/15/16 16:43	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/15/16 16:43	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/15/16 16:43	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/15/16 16:43	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/15/16 16:43	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/15/16 16:43	1
cis-1,2-Dichloroethene	**2.7**		1.0	0.65	ug/L			08/15/16 16:43	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/15/16 16:43	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/15/16 16:43	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/15/16 16:43	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/15/16 16:43	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/15/16 16:43	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/15/16 16:43	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/15/16 16:43	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/15/16 16:43	1
1,1-Dichloroethane	**6.1**		1.0	0.52	ug/L			08/15/16 16:43	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/15/16 16:43	1
1,1-Dichloroethene	**7.2**		1.0	0.67	ug/L			08/15/16 16:43	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/15/16 16:43	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/15/16 16:43	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/15/16 16:43	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/15/16 16:43	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/15/16 16:43	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/15/16 16:43	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/15/16 16:43	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/15/16 16:43	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/15/16 16:43	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/15/16 16:43	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/15/16 16:43	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/15/16 16:43	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/15/16 16:43	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/15/16 16:43	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/15/16 16:43	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/15/16 16:43	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/15/16 16:43	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/15/16 16:43	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/15/16 16:43	1
Styrene	0.98	U	2.0	0.98	ug/L			08/15/16 16:43	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/15/16 16:43	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2103_INF
Date Collected: 08/04/16 13:58
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/15/16 16:43	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/15/16 16:43	1
Tetrachloroethene	**45**		1.0	0.50	ug/L			08/15/16 16:43	1
Toluene	0.51	U	1.0	0.51	ug/L			08/15/16 16:43	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/15/16 16:43	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/15/16 16:43	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/15/16 16:43	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/15/16 16:43	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/15/16 16:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/15/16 16:43	1
Trichloroethene	**9.7**		1.0	0.61	ug/L			08/15/16 16:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/15/16 16:43	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/15/16 16:43	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/15/16 16:43	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/15/16 16:43	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/15/16 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/15/16 16:43*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*08/15/16 16:43*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/15/16 16:43*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**50**		2.0	1.0	ug/L			08/12/16 09:47	1

Client Sample ID: EW2104_INF
Date Collected: 08/04/16 14:04
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-41
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 10:10	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 10:10	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 10:10	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 10:10	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 10:10	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 10:10	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 10:10	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 10:10	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 10:10	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 10:10	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 10:10	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 10:10	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 10:10	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 10:10	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 10:10	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 10:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/08/16 10:10	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 10:10	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 10:10	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 10:10	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 10:10	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 10:10	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 10:10	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 10:10	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 10:10	1
1,1-Dichloroethane	**2.3**		1.0	0.52	ug/L			08/08/16 10:10	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 10:10	1
1,1-Dichloroethene	**2.2**		1.0	0.67	ug/L			08/08/16 10:10	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 10:10	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 10:10	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 10:10	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 10:10	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 10:10	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 10:10	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 10:10	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 10:10	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 10:10	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 10:10	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 10:10	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 10:10	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 10:10	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 10:10	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 10:10	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 10:10	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 10:10	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 10:10	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 10:10	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 10:10	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 10:10	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2104_INF
Date Collected: 08/04/16 14:04
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-41
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 10:10	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 10:10	1
Tetrachloroethene	**4.1**		1.0	0.50	ug/L			08/08/16 10:10	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 10:10	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 10:10	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 10:10	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 10:10	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 10:10	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 10:10	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 10:10	1
Trichloroethene	**1.9**		1.0	0.61	ug/L			08/08/16 10:10	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 10:10	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 10:10	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 10:10	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 10:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 10:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*08/08/16 10:10*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*08/08/16 10:10*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/08/16 10:10*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**52**		2.0	1.0	ug/L			08/08/16 13:37	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3001_INF
Date Collected: 08/04/16 10:38
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-42
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 10:49	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 10:49	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 10:49	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 10:49	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 10:49	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 10:49	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 10:49	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 10:49	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 10:49	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 10:49	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 10:49	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 10:49	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 10:49	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 10:49	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 10:49	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 10:49	1
cis-1,2-Dichloroethene	**3.6**	**J3**	1.0	0.65	ug/L			08/08/16 10:49	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 10:49	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 10:49	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 10:49	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 10:49	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 10:49	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 10:49	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 10:49	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/08/16 10:49	1
1,1-Dichloroethane	**6.3**		1.0	0.52	ug/L			08/08/16 10:49	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 10:49	1
1,1-Dichloroethene	**5.4**		1.0	0.67	ug/L			08/08/16 10:49	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 10:49	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 10:49	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 10:49	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 10:49	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 10:49	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 10:49	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 10:49	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 10:49	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 10:49	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 10:49	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 10:49	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 10:49	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 10:49	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 10:49	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 10:49	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 10:49	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 10:49	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 10:49	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 10:49	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 10:49	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 10:49	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3001_INF
Date Collected: 08/04/16 10:38
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-42
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 10:49	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 10:49	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/08/16 10:49	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 10:49	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 10:49	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 10:49	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 10:49	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 10:49	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 10:49	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 10:49	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/08/16 10:49	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 10:49	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 10:49	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 10:49	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 10:49	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/08/16 10:49*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*08/08/16 10:49*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/08/16 10:49*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**79**		2.0	1.0	ug/L			08/08/16 14:51	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3002_INF
Date Collected: 08/04/16 10:44
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-43
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 12:28	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 12:28	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 12:28	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 12:28	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 12:28	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 12:28	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 12:28	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 12:28	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 12:28	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 12:28	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 12:28	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 12:28	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 12:28	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 12:28	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 12:28	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 12:28	1
cis-1,2-Dichloroethene	**24**		1.0	0.65	ug/L			08/08/16 12:28	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 12:28	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 12:28	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 12:28	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 12:28	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 12:28	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 12:28	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 12:28	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 12:28	1
1,1-Dichloroethane	**23**		1.0	0.52	ug/L			08/08/16 12:28	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 12:28	1
1,1-Dichloroethene	**73**		1.0	0.67	ug/L			08/08/16 12:28	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 12:28	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 12:28	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 12:28	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 12:28	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 12:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 12:28	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 12:28	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 12:28	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 12:28	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 12:28	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 12:28	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 12:28	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 12:28	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 12:28	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 12:28	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 12:28	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 12:28	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 12:28	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 12:28	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 12:28	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 12:28	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3002_INF
Date Collected: 08/04/16 10:44
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-43
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 12:28	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 12:28	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/08/16 12:28	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 12:28	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 12:28	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 12:28	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 12:28	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 12:28	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 12:28	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 12:28	1
Trichloroethene	**4.8**		1.0	0.61	ug/L			08/08/16 12:28	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 12:28	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 12:28	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 12:28	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 12:28	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/08/16 12:28*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/08/16 12:28*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/08/16 12:28*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**89**		2.0	1.0	ug/L			08/08/16 15:11	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3003_INF
Date Collected: 08/04/16 10:50
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-44
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 12:08	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 12:08	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 12:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 12:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 12:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 12:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 12:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 12:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 12:08	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 12:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 12:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 12:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 12:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 12:08	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 12:08	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 12:08	1
cis-1,2-Dichloroethene	**4.2**		1.0	0.65	ug/L			08/08/16 12:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 12:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 12:08	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 12:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 12:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 12:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 12:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 12:08	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 12:08	1
1,1-Dichloroethane	**13**		1.0	0.52	ug/L			08/08/16 12:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 12:08	1
1,1-Dichloroethene	**24**		1.0	0.67	ug/L			08/08/16 12:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 12:08	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 12:08	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 12:08	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 12:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 12:08	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 12:08	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 12:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 12:08	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 12:08	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 12:08	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 12:08	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 12:08	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 12:08	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 12:08	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 12:08	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 12:08	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 12:08	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 12:08	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 12:08	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 12:08	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 12:08	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3003_INF
Date Collected: 08/04/16 10:50
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-44
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 12:08	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 12:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/08/16 12:08	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 12:08	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 12:08	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 12:08	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 12:08	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 12:08	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 12:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 12:08	1
Trichloroethene	**1.3**		1.0	0.61	ug/L			08/08/16 12:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 12:08	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 12:08	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 12:08	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 12:08	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/08/16 12:08*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*08/08/16 12:08*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/08/16 12:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**73**		2.0	1.0	ug/L			08/08/16 15:30	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3004_INF
Date Collected: 08/05/16 08:30
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-45
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 13:07	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 13:07	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 13:07	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 13:07	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:07	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 13:07	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 13:07	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 13:07	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 13:07	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 13:07	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 13:07	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:07	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 13:07	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 13:07	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 13:07	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 13:07	1
cis-1,2-Dichloroethene	**61**		1.0	0.65	ug/L			08/08/16 13:07	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 13:07	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 13:07	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 13:07	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 13:07	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 13:07	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 13:07	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 13:07	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:07	1
1,1-Dichloroethane	**4.1**		1.0	0.52	ug/L			08/08/16 13:07	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 13:07	1
1,1-Dichloroethene	**9.8**		1.0	0.67	ug/L			08/08/16 13:07	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 13:07	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 13:07	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 13:07	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 13:07	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 13:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 13:07	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 13:07	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 13:07	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 13:07	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 13:07	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 13:07	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 13:07	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 13:07	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 13:07	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 13:07	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 13:07	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 13:07	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 13:07	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 13:07	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 13:07	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 13:07	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3004_INF
Date Collected: 08/05/16 08:30
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-45
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 13:07	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 13:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/08/16 13:07	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 13:07	1
trans-1,2-Dichloroethene	**3.0**		1.0	0.67	ug/L			08/08/16 13:07	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 13:07	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 13:07	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 13:07	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 13:07	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 13:07	1
Trichloroethene	**85**		1.0	0.61	ug/L			08/08/16 13:07	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:07	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 13:07	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 13:07	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 13:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/08/16 13:07*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/08/16 13:07*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/08/16 13:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**36**		2.0	1.0	ug/L			08/08/16 15:48	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3005_INF
Date Collected: 08/05/16 08:23
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-46
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 15:45	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 15:45	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 15:45	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 15:45	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 15:45	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 15:45	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 15:45	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 15:45	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 15:45	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 15:45	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 15:45	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 15:45	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 15:45	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 15:45	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 15:45	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 15:45	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 15:45	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 15:45	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 15:45	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 15:45	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 15:45	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 15:45	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 15:45	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 15:45	1
1,1-Dichloroethane	**16**		1.0	0.52	ug/L			08/08/16 15:45	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 15:45	1
1,1-Dichloroethene	**88**		1.0	0.67	ug/L			08/08/16 15:45	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 15:45	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 15:45	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 15:45	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 15:45	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 15:45	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 15:45	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 15:45	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 15:45	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 15:45	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 15:45	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 15:45	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 15:45	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 15:45	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 15:45	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 15:45	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 15:45	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 15:45	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 15:45	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 15:45	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 15:45	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 15:45	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 15:45	1

Client Sample ID: EW3005_INF
Date Collected: 08/05/16 08:23
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-46
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 15:45	1
Tetrachloroethene	**2.2**		1.0	0.50	ug/L			08/08/16 15:45	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 15:45	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 15:45	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 15:45	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 15:45	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 15:45	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 15:45	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 15:45	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 15:45	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 15:45	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 15:45	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 15:45	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/08/16 15:45*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/08/16 15:45*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/08/16 15:45*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**97**		10	6.5	ug/L			08/08/16 15:25	10
Trichloroethene	**390**		10	6.1	ug/L			08/08/16 15:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/08/16 15:25*	*10*
Dibromofluoromethane	*108*		*70 - 130*		*08/08/16 15:25*	*10*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/08/16 15:25*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**15**		2.0	1.0	ug/L			08/08/16 16:07	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3006_INF
Date Collected: 08/05/16 08:34
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-47
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	100	50	ug/L			08/15/16 16:03	5
Benzene	2.5	U	5.0	2.5	ug/L			08/15/16 16:03	5
Bromobenzene	2.9	U	5.0	2.9	ug/L			08/15/16 16:03	5
Bromoform	3.2	U	5.0	3.2	ug/L			08/15/16 16:03	5
Bromomethane	13	U	25	13	ug/L			08/15/16 16:03	5
2-Butanone (MEK)	42	U	50	42	ug/L			08/15/16 16:03	5
Carbon disulfide	5.0	U	10	5.0	ug/L			08/15/16 16:03	5
Carbon tetrachloride	2.2	U	5.0	2.2	ug/L			08/15/16 16:03	5
Chlorobenzene	3.2	U	5.0	3.2	ug/L			08/15/16 16:03	5
Chlorobromomethane	2.9	U	5.0	2.9	ug/L			08/15/16 16:03	5
Chlorodibromomethane	1.6	U	5.0	1.6	ug/L			08/15/16 16:03	5
Chloroethane	13	U	25	13	ug/L			08/15/16 16:03	5
Chloroform	4.5	U	5.0	4.5	ug/L			08/15/16 16:03	5
Chloromethane	5.0	U	20	5.0	ug/L			08/15/16 16:03	5
2-Chlorotoluene	3.3	U	5.0	3.3	ug/L			08/15/16 16:03	5
4-Chlorotoluene	2.6	U	5.0	2.6	ug/L			08/15/16 16:03	5
cis-1,2-Dichloroethene	**160**		5.0	3.3	ug/L			08/15/16 16:03	5
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/L			08/15/16 16:03	5
1,2-Dibromo-3-Chloropropane	13	U	25	13	ug/L			08/15/16 16:03	5
Dibromomethane	2.3	U	5.0	2.3	ug/L			08/15/16 16:03	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			08/15/16 16:03	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			08/15/16 16:03	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			08/15/16 16:03	5
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			08/15/16 16:03	5
Dichlorodifluoromethane	13	U	25	13	ug/L			08/15/16 16:03	5
1,1-Dichloroethane	**5.8**		5.0	2.6	ug/L			08/15/16 16:03	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			08/15/16 16:03	5
1,1-Dichloroethene	**13**		5.0	3.4	ug/L			08/15/16 16:03	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			08/15/16 16:03	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			08/15/16 16:03	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			08/15/16 16:03	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			08/15/16 16:03	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			08/15/16 16:03	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			08/15/16 16:03	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			08/15/16 16:03	5
2-Hexanone	22	U	50	22	ug/L			08/15/16 16:03	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			08/15/16 16:03	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			08/15/16 16:03	5
Methylene Chloride	25	U	50	25	ug/L			08/15/16 16:03	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			08/15/16 16:03	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			08/15/16 16:03	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			08/15/16 16:03	5
Naphthalene	13	U	25	13	ug/L			08/15/16 16:03	5
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			08/15/16 16:03	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			08/15/16 16:03	5
o-Xylene	2.5	U	5.0	2.5	ug/L			08/15/16 16:03	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			08/15/16 16:03	5
Styrene	4.9	U	10	4.9	ug/L			08/15/16 16:03	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			08/15/16 16:03	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3006_INF
Date Collected: 08/05/16 08:34
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-47
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			08/15/16 16:03	5
1,1,2,2-Tetrachloroethane	0.85	U	5.0	0.85	ug/L			08/15/16 16:03	5
Tetrachloroethene	2.5	U	5.0	2.5	ug/L			08/15/16 16:03	5
Toluene	2.6	U	5.0	2.6	ug/L			08/15/16 16:03	5
trans-1,2-Dichloroethene	3.4	U	5.0	3.4	ug/L			08/15/16 16:03	5
trans-1,3-Dichloropropene	1.4	U	5.0	1.4	ug/L			08/15/16 16:03	5
1,2,3-Trichlorobenzene	3.9	U	5.0	3.9	ug/L			08/15/16 16:03	5
1,2,4-Trichlorobenzene	2.9	U	5.0	2.9	ug/L			08/15/16 16:03	5
1,1,1-Trichloroethane	2.4	U	5.0	2.4	ug/L			08/15/16 16:03	5
1,1,2-Trichloroethane	2.4	U	5.0	2.4	ug/L			08/15/16 16:03	5
Trichloroethene	**68**		5.0	3.1	ug/L			08/15/16 16:03	5
Trichlorofluoromethane	13	U	25	13	ug/L			08/15/16 16:03	5
1,2,3-Trichloropropane	2.2	U	5.0	2.2	ug/L			08/15/16 16:03	5
1,2,4-Trimethylbenzene	4.3	U	5.0	4.3	ug/L			08/15/16 16:03	5
1,3,5-Trimethylbenzene	2.7	U	5.0	2.7	ug/L			08/15/16 16:03	5
Vinyl chloride	3.6	U	5.0	3.6	ug/L			08/15/16 16:03	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/15/16 16:03*	*5*
Dibromofluoromethane	*110*		*70 - 130*		*08/15/16 16:03*	*5*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/15/16 16:03*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.8**		2.0	1.0	ug/L			08/08/16 16:26	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3007_INF
Date Collected: 08/05/16 08:20
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-48
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 12:47	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 12:47	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 12:47	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 12:47	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 12:47	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 12:47	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 12:47	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 12:47	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 12:47	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 12:47	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 12:47	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 12:47	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 12:47	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 12:47	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 12:47	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 12:47	1
cis-1,2-Dichloroethene	**36**		1.0	0.65	ug/L			08/08/16 12:47	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 12:47	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 12:47	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 12:47	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 12:47	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 12:47	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 12:47	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 12:47	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 12:47	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/08/16 12:47	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 12:47	1
1,1-Dichloroethene	**13**		1.0	0.67	ug/L			08/08/16 12:47	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 12:47	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 12:47	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 12:47	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 12:47	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 12:47	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 12:47	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 12:47	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 12:47	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 12:47	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 12:47	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 12:47	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 12:47	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 12:47	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 12:47	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 12:47	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 12:47	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 12:47	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 12:47	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 12:47	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 12:47	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 12:47	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3007_INF
Date Collected: 08/05/16 08:20
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-48
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 12:47	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 12:47	1
Tetrachloroethene	**2.1**		1.0	0.50	ug/L			08/08/16 12:47	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 12:47	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 12:47	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 12:47	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 12:47	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 12:47	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 12:47	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 12:47	1
Trichloroethene	**71**		1.0	0.61	ug/L			08/08/16 12:47	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 12:47	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 12:47	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 12:47	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 12:47	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*08/08/16 12:47*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/08/16 12:47*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/08/16 12:47*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**11**		2.0	1.0	ug/L			08/08/16 16:44	1

Client Sample ID: EW3008_INF
Date Collected: 08/05/16 08:09
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-49
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 17:04	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 17:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 17:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 17:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 17:04	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 17:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 17:04	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 17:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 17:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 17:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 17:04	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 17:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 17:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 17:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 17:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 17:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 17:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 17:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 17:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 17:04	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 17:04	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 17:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 17:04	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 17:04	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/08/16 17:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 17:04	1
1,1-Dichloroethene	**15**		1.0	0.67	ug/L			08/08/16 17:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 17:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 17:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 17:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 17:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 17:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 17:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 17:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 17:04	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 17:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 17:04	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 17:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 17:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 17:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 17:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 17:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 17:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 17:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 17:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 17:04	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 17:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 17:04	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 17:04	1

Client Sample ID: EW3008_INF
Date Collected: 08/05/16 08:09
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-49
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 17:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/08/16 17:04	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 17:04	1
trans-1,2-Dichloroethene	**3.3**		1.0	0.67	ug/L			08/08/16 17:04	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 17:04	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 17:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 17:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 17:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 17:04	1
Trichloroethene	**61**		1.0	0.61	ug/L			08/08/16 17:04	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 17:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 17:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 17:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 17:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*08/08/16 17:04*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/08/16 17:04*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/08/16 17:04*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**110**		5.0	3.3	ug/L			08/08/16 14:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/08/16 14:46*	*5*
Dibromofluoromethane	*111*		*70 - 130*		*08/08/16 14:46*	*5*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/08/16 14:46*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**45**		2.0	1.0	ug/L			08/08/16 17:04	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3009_INF
Date Collected: 08/05/16 06:57
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-50
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 17:43	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 17:43	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 17:43	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 17:43	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 17:43	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 17:43	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 17:43	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 17:43	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 17:43	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 17:43	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 17:43	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 17:43	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 17:43	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 17:43	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 17:43	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 17:43	1
cis-1,2-Dichloroethene	**72**		1.0	0.65	ug/L			08/08/16 17:43	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 17:43	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 17:43	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 17:43	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 17:43	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 17:43	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 17:43	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 17:43	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 17:43	1
1,1-Dichloroethane	**17**		1.0	0.52	ug/L			08/08/16 17:43	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 17:43	1
1,1-Dichloroethene	**40**		1.0	0.67	ug/L			08/08/16 17:43	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 17:43	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 17:43	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 17:43	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 17:43	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 17:43	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 17:43	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 17:43	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 17:43	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 17:43	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 17:43	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 17:43	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 17:43	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 17:43	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 17:43	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 17:43	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 17:43	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 17:43	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 17:43	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 17:43	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 17:43	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 17:43	1

Client Sample ID: EW3009_INF
Date Collected: 08/05/16 06:57
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-50
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 17:43	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 17:43	1
Tetrachloroethene	**2.8**		1.0	0.50	ug/L			08/08/16 17:43	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 17:43	1
trans-1,2-Dichloroethene	**1.7**		1.0	0.67	ug/L			08/08/16 17:43	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 17:43	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 17:43	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 17:43	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 17:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 17:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 17:43	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 17:43	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 17:43	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 17:43	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/08/16 17:43*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/08/16 17:43*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/08/16 17:43*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**92**		5.0	3.1	ug/L			08/08/16 14:26	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*08/08/16 14:26*	*5*
Dibromofluoromethane	*106*		*70 - 130*		*08/08/16 14:26*	*5*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/08/16 14:26*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**24**		2.0	1.0	ug/L			08/08/16 17:24	1

Client Sample ID: EW3010_INF
Date Collected: 08/05/16 07:33
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-51
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 13:27	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 13:27	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 13:27	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 13:27	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:27	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 13:27	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 13:27	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 13:27	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 13:27	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 13:27	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 13:27	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:27	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 13:27	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 13:27	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 13:27	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 13:27	1
cis-1,2-Dichloroethene	**11**		1.0	0.65	ug/L			08/08/16 13:27	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 13:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 13:27	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 13:27	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 13:27	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 13:27	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 13:27	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 13:27	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:27	1
1,1-Dichloroethane	**13**		1.0	0.52	ug/L			08/08/16 13:27	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 13:27	1
1,1-Dichloroethene	**96**		1.0	0.67	ug/L			08/08/16 13:27	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 13:27	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 13:27	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 13:27	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 13:27	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 13:27	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 13:27	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 13:27	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 13:27	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 13:27	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 13:27	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 13:27	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 13:27	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 13:27	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 13:27	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 13:27	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 13:27	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 13:27	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 13:27	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 13:27	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 13:27	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 13:27	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3010_INF
Date Collected: 08/05/16 07:33
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-51
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 13:27	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 13:27	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/08/16 13:27	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 13:27	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 13:27	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 13:27	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 13:27	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 13:27	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 13:27	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 13:27	1
Trichloroethene	**15**		1.0	0.61	ug/L			08/08/16 13:27	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:27	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 13:27	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 13:27	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 13:27	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/08/16 13:27*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*08/08/16 13:27*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/08/16 13:27*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**92**		10	5.0	ug/L			08/08/16 17:44	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3011_INF
Date Collected: 08/04/16 14:43
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-52
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 11:48	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 11:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 11:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 11:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 11:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 11:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 11:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 11:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 11:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 11:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 11:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 11:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 11:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 11:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 11:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 11:48	1
cis-1,2-Dichloroethene	**0.99**	**I**	1.0	0.65	ug/L			08/08/16 11:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 11:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 11:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 11:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 11:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 11:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 11:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 11:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 11:48	1
1,1-Dichloroethane	**1.1**		1.0	0.52	ug/L			08/08/16 11:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 11:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 11:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 11:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 11:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 11:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 11:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 11:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 11:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 11:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 11:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 11:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 11:48	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 11:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 11:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 11:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 11:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 11:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 11:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 11:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 11:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 11:48	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 11:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 11:48	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3011_INF
Date Collected: 08/04/16 14:43
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-52
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 11:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 11:48	1
Tetrachloroethene	**0.64**	**I**	1.0	0.50	ug/L			08/08/16 11:48	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 11:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 11:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 11:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 11:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 11:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 11:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 11:48	1
Trichloroethene	**2.1**		1.0	0.61	ug/L			08/08/16 11:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 11:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 11:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 11:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 11:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/08/16 11:48*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/08/16 11:48*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/08/16 11:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**	**I**	2.0	1.0	ug/L			08/08/16 20:25	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3012_INF
Date Collected: 08/04/16 07:20
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-53
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	100	50	ug/L			08/08/16 18:22	5
Benzene	2.5	U	5.0	2.5	ug/L			08/08/16 18:22	5
Bromobenzene	2.9	U	5.0	2.9	ug/L			08/08/16 18:22	5
Bromoform	3.2	U	5.0	3.2	ug/L			08/08/16 18:22	5
Bromomethane	13	U	25	13	ug/L			08/08/16 18:22	5
2-Butanone (MEK)	42	U	50	42	ug/L			08/08/16 18:22	5
Carbon disulfide	5.0	U	10	5.0	ug/L			08/08/16 18:22	5
Carbon tetrachloride	2.2	U	5.0	2.2	ug/L			08/08/16 18:22	5
Chlorobenzene	3.2	U	5.0	3.2	ug/L			08/08/16 18:22	5
Chlorobromomethane	2.9	U	5.0	2.9	ug/L			08/08/16 18:22	5
Chlorodibromomethane	1.6	U	5.0	1.6	ug/L			08/08/16 18:22	5
Chloroethane	13	U	25	13	ug/L			08/08/16 18:22	5
Chloroform	4.5	U	5.0	4.5	ug/L			08/08/16 18:22	5
Chloromethane	5.0	U	20	5.0	ug/L			08/08/16 18:22	5
2-Chlorotoluene	3.3	U	5.0	3.3	ug/L			08/08/16 18:22	5
4-Chlorotoluene	2.6	U	5.0	2.6	ug/L			08/08/16 18:22	5
cis-1,2-Dichloroethene	**13**		5.0	3.3	ug/L			08/08/16 18:22	5
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/L			08/08/16 18:22	5
1,2-Dibromo-3-Chloropropane	13	U	25	13	ug/L			08/08/16 18:22	5
Dibromomethane	2.3	U	5.0	2.3	ug/L			08/08/16 18:22	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			08/08/16 18:22	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			08/08/16 18:22	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			08/08/16 18:22	5
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			08/08/16 18:22	5
Dichlorodifluoromethane	13	U	25	13	ug/L			08/08/16 18:22	5
1,1-Dichloroethane	**71**		5.0	2.6	ug/L			08/08/16 18:22	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			08/08/16 18:22	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			08/08/16 18:22	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			08/08/16 18:22	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			08/08/16 18:22	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			08/08/16 18:22	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			08/08/16 18:22	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			08/08/16 18:22	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			08/08/16 18:22	5
2-Hexanone	22	U	50	22	ug/L			08/08/16 18:22	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			08/08/16 18:22	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			08/08/16 18:22	5
Methylene Chloride	25	U	50	25	ug/L			08/08/16 18:22	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			08/08/16 18:22	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			08/08/16 18:22	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			08/08/16 18:22	5
Naphthalene	13	U	25	13	ug/L			08/08/16 18:22	5
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			08/08/16 18:22	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			08/08/16 18:22	5
o-Xylene	2.5	U	5.0	2.5	ug/L			08/08/16 18:22	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			08/08/16 18:22	5
Styrene	4.9	U	10	4.9	ug/L			08/08/16 18:22	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			08/08/16 18:22	5
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			08/08/16 18:22	5

Client Sample ID: EW3012_INF
Date Collected: 08/04/16 07:20
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-53
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.85	U	5.0	0.85	ug/L			08/08/16 18:22	5
Tetrachloroethene	**85**		5.0	2.5	ug/L			08/08/16 18:22	5
Toluene	2.6	U	5.0	2.6	ug/L			08/08/16 18:22	5
trans-1,2-Dichloroethene	3.4	U	5.0	3.4	ug/L			08/08/16 18:22	5
trans-1,3-Dichloropropene	1.4	U	5.0	1.4	ug/L			08/08/16 18:22	5
1,2,3-Trichlorobenzene	3.9	U	5.0	3.9	ug/L			08/08/16 18:22	5
1,2,4-Trichlorobenzene	2.9	U	5.0	2.9	ug/L			08/08/16 18:22	5
1,1,1-Trichloroethane	2.4	U	5.0	2.4	ug/L			08/08/16 18:22	5
1,1,2-Trichloroethane	2.4	U	5.0	2.4	ug/L			08/08/16 18:22	5
Trichloroethene	**160**		5.0	3.1	ug/L			08/08/16 18:22	5
Trichlorofluoromethane	13	U	25	13	ug/L			08/08/16 18:22	5
1,2,3-Trichloropropane	2.2	U	5.0	2.2	ug/L			08/08/16 18:22	5
1,2,4-Trimethylbenzene	4.3	U	5.0	4.3	ug/L			08/08/16 18:22	5
1,3,5-Trimethylbenzene	2.7	U	5.0	2.7	ug/L			08/08/16 18:22	5
Vinyl chloride	3.6	U	5.0	3.6	ug/L			08/08/16 18:22	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/08/16 18:22*	*5*
Dibromofluoromethane	*109*		*70 - 130*		*08/08/16 18:22*	*5*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/08/16 18:22*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**570**		50	34	ug/L			08/08/16 14:06	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/08/16 14:06*	*50*
Dibromofluoromethane	*107*		*70 - 130*		*08/08/16 14:06*	*50*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/08/16 14:06*	*50*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**150**		10	5.0	ug/L			08/08/16 18:02	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3013_INF
Date Collected: 08/04/16 07:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-54
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 19:02	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 19:02	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 19:02	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 19:02	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 19:02	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 19:02	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 19:02	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 19:02	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 19:02	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 19:02	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 19:02	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 19:02	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 19:02	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 19:02	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 19:02	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 19:02	1
cis-1,2-Dichloroethene	**4.9**		1.0	0.65	ug/L			08/08/16 19:02	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 19:02	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 19:02	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 19:02	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 19:02	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 19:02	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 19:02	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 19:02	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 19:02	1
1,1-Dichloroethane	**15**		1.0	0.52	ug/L			08/08/16 19:02	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 19:02	1
1,1-Dichloroethene	**84**		1.0	0.67	ug/L			08/08/16 19:02	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 19:02	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 19:02	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 19:02	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 19:02	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 19:02	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 19:02	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 19:02	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 19:02	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 19:02	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 19:02	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 19:02	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 19:02	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 19:02	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 19:02	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 19:02	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 19:02	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 19:02	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 19:02	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 19:02	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 19:02	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 19:02	1

Client Sample ID: EW3013_INF
Date Collected: 08/04/16 07:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-54
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 19:02	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 19:02	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 19:02	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 19:02	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 19:02	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 19:02	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 19:02	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 19:02	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 19:02	1
Trichloroethene	**89**		1.0	0.61	ug/L			08/08/16 19:02	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 19:02	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 19:02	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 19:02	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 19:02	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/08/16 19:02*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/08/16 19:02*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/08/16 19:02*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**130**		5.0	2.5	ug/L			08/08/16 13:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/08/16 13:46*	*5*
Dibromofluoromethane	*107*		*70 - 130*		*08/08/16 13:46*	*5*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/08/16 13:46*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**26**		2.0	1.0	ug/L			08/08/16 20:07	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3014_INF
Date Collected: 08/04/16 07:27
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-55
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 13:22	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 13:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 13:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 13:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 13:22	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 13:22	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 13:22	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 13:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 13:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 13:22	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 13:22	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 13:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 13:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 13:22	1
cis-1,2-Dichloroethene	**4.1**		1.0	0.65	ug/L			08/08/16 13:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 13:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 13:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 13:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 13:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 13:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 13:22	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 13:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:22	1
1,1-Dichloroethane	**3.0**		1.0	0.52	ug/L			08/08/16 13:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 13:22	1
1,1-Dichloroethene	**7.6**		1.0	0.67	ug/L			08/08/16 13:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 13:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 13:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 13:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 13:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 13:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 13:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 13:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 13:22	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 13:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 13:22	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 13:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 13:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 13:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 13:22	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 13:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 13:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 13:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 13:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 13:22	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 13:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 13:22	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3014_INF
Date Collected: 08/04/16 07:27
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-55
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 13:22	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 13:22	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/08/16 13:22	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 13:22	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 13:22	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 13:22	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 13:22	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 13:22	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 13:22	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 13:22	1
Trichloroethene	**14**		1.0	0.61	ug/L			08/08/16 13:22	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:22	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 13:22	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 13:22	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 13:22	1
Vinyl chloride	**11**		1.0	0.71	ug/L			08/08/16 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/08/16 13:22*	*1*
Dibromofluoromethane	*91*		*70 - 130*		*08/08/16 13:22*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/08/16 13:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**12**		2.0	1.0	ug/L			08/08/16 20:46	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3015_INF
Date Collected: 08/04/16 07:30
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-56
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 16:12	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 16:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 16:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 16:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 16:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 16:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 16:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 16:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 16:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 16:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 16:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 16:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 16:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 16:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 16:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 16:12	1
cis-1,2-Dichloroethene	**7.0**		1.0	0.65	ug/L			08/08/16 16:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 16:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 16:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 16:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 16:12	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 16:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 16:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 16:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 16:12	1
1,1-Dichloroethane	**29**		1.0	0.52	ug/L			08/08/16 16:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 16:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 16:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 16:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 16:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 16:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 16:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 16:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 16:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 16:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 16:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 16:12	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 16:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 16:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 16:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 16:12	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 16:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 16:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 16:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 16:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 16:12	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 16:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 16:12	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 16:12	1

Client Sample ID: EW3015_INF
Date Collected: 08/04/16 07:30
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-56
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 16:12	1
Tetrachloroethene	**16**		1.0	0.50	ug/L			08/08/16 16:12	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 16:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 16:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 16:12	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 16:12	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 16:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 16:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 16:12	1
Trichloroethene	**61**		1.0	0.61	ug/L			08/08/16 16:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 16:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 16:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 16:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 16:12	1
Vinyl chloride	**1.3**		1.0	0.71	ug/L			08/08/16 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/08/16 16:12*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/08/16 16:12*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/08/16 16:12*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**140**		10	6.7	ug/L			08/08/16 15:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/08/16 15:53*	*10*
Dibromofluoromethane	*94*		*70 - 130*		*08/08/16 15:53*	*10*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/08/16 15:53*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**220**		20	10	ug/L			08/08/16 18:26	10

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3016_INF
Date Collected: 08/04/16 07:37
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-57
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 14:19	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 14:19	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 14:19	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 14:19	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:19	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 14:19	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 14:19	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 14:19	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 14:19	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 14:19	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 14:19	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:19	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 14:19	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 14:19	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 14:19	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 14:19	1
cis-1,2-Dichloroethene	**1.6**		1.0	0.65	ug/L			08/08/16 14:19	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 14:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 14:19	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 14:19	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 14:19	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 14:19	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 14:19	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 14:19	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:19	1
1,1-Dichloroethane	**36**		1.0	0.52	ug/L			08/08/16 14:19	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 14:19	1
1,1-Dichloroethene	**72**		1.0	0.67	ug/L			08/08/16 14:19	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 14:19	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 14:19	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 14:19	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 14:19	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 14:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 14:19	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 14:19	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 14:19	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 14:19	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 14:19	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 14:19	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 14:19	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 14:19	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 14:19	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 14:19	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 14:19	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 14:19	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 14:19	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 14:19	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 14:19	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 14:19	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3016_INF
Date Collected: 08/04/16 07:37
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-57
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 14:19	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 14:19	1
Tetrachloroethene	**0.92**	**I**	1.0	0.50	ug/L			08/08/16 14:19	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 14:19	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 14:19	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 14:19	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 14:19	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 14:19	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 14:19	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 14:19	1
Trichloroethene	**4.1**		1.0	0.61	ug/L			08/08/16 14:19	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:19	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 14:19	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 14:19	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 14:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/08/16 14:19*	*1*
Dibromofluoromethane	*95*		*70 - 130*		*08/08/16 14:19*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/08/16 14:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**310**		20	10	ug/L			08/08/16 18:44	10

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3017_INF
Date Collected: 08/04/16 07:48
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-58
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 16:50	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 16:50	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 16:50	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 16:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 16:50	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 16:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 16:50	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 16:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 16:50	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 16:50	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 16:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 16:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 16:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 16:50	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 16:50	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 16:50	1
cis-1,2-Dichloroethene	**3.1**		1.0	0.65	ug/L			08/08/16 16:50	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 16:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 16:50	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 16:50	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 16:50	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 16:50	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 16:50	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 16:50	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 16:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 16:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 16:50	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 16:50	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 16:50	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 16:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 16:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 16:50	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 16:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 16:50	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 16:50	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 16:50	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 16:50	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 16:50	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 16:50	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 16:50	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 16:50	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 16:50	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 16:50	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 16:50	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 16:50	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 16:50	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 16:50	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 16:50	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 16:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3017_INF
Date Collected: 08/04/16 07:48
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-58
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.86**	**I**	1.0	0.50	ug/L			08/08/16 16:50	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 16:50	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 16:50	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 16:50	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 16:50	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 16:50	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 16:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 16:50	1
Trichloroethene	**7.9**		1.0	0.61	ug/L			08/08/16 16:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 16:50	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 16:50	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 16:50	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 16:50	1
Vinyl chloride	**0.84**	**I**	1.0	0.71	ug/L			08/08/16 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/08/16 16:50*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*08/08/16 16:50*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/08/16 16:50*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**140**		10	5.2	ug/L			08/08/16 15:34	10
1,1-Dichloroethene	**220**		10	6.7	ug/L			08/08/16 15:34	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/08/16 15:34*	*10*
Dibromofluoromethane	*98*		*70 - 130*		*08/08/16 15:34*	*10*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/08/16 15:34*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1200**		100	50	ug/L			08/08/16 19:03	50

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3018_INF
Date Collected: 08/04/16 08:00
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-59
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 14:00	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 14:00	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 14:00	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 14:00	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:00	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 14:00	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 14:00	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 14:00	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 14:00	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 14:00	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 14:00	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:00	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 14:00	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 14:00	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 14:00	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 14:00	1
cis-1,2-Dichloroethene	**1.0**		1.0	0.65	ug/L			08/08/16 14:00	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 14:00	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 14:00	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 14:00	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 14:00	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 14:00	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 14:00	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 14:00	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:00	1
1,1-Dichloroethane	**43**		1.0	0.52	ug/L			08/08/16 14:00	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 14:00	1
1,1-Dichloroethene	**50**		1.0	0.67	ug/L			08/08/16 14:00	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 14:00	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 14:00	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 14:00	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 14:00	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 14:00	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 14:00	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 14:00	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 14:00	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 14:00	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 14:00	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 14:00	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 14:00	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 14:00	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 14:00	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 14:00	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 14:00	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 14:00	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 14:00	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 14:00	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 14:00	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 14:00	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3018_INF
Date Collected: 08/04/16 08:00
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-59
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 14:00	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 14:00	1
Tetrachloroethene	**0.85**	**I**	1.0	0.50	ug/L			08/08/16 14:00	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 14:00	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 14:00	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 14:00	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 14:00	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 14:00	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 14:00	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 14:00	1
Trichloroethene	**4.5**		1.0	0.61	ug/L			08/08/16 14:00	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:00	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 14:00	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 14:00	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 14:00	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/08/16 14:00*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/08/16 14:00*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/08/16 14:00*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**270**		20	10	ug/L			08/08/16 19:23	10

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3019_INF
Date Collected: 08/04/16 07:52
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-60
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 14:38	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 14:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 14:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 14:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 14:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 14:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 14:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 14:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 14:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 14:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 14:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 14:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 14:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 14:38	1
cis-1,2-Dichloroethene	**2.0**		1.0	0.65	ug/L			08/08/16 14:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 14:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 14:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 14:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 14:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 14:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 14:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 14:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:38	1
1,1-Dichloroethane	**64**		1.0	0.52	ug/L			08/08/16 14:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 14:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 14:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 14:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 14:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 14:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 14:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 14:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 14:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 14:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 14:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 14:38	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 14:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 14:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 14:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 14:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 14:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 14:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 14:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 14:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 14:38	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 14:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 14:38	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 14:38	1

Client Sample ID: EW3019_INF
Date Collected: 08/04/16 07:52
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-60
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 14:38	1
Tetrachloroethene	**5.9**		1.0	0.50	ug/L			08/08/16 14:38	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 14:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 14:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 14:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 14:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 14:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 14:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 14:38	1
Trichloroethene	**9.5**		1.0	0.61	ug/L			08/08/16 14:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 14:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 14:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 14:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/08/16 14:38*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/08/16 14:38*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/08/16 14:38*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**130**		5.0	3.4	ug/L			08/10/16 13:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*08/10/16 13:00*	*5*
Dibromofluoromethane	*102*		*70 - 130*		*08/10/16 13:00*	*5*
Toluene-d8 (Surr)	*121*		*70 - 130*		*08/10/16 13:00*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**350**		20	10	ug/L			08/08/16 19:43	10

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3020_INF
Date Collected: 08/04/16 08:36
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-61
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 14:57	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 14:57	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 14:57	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 14:57	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:57	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 14:57	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 14:57	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 14:57	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 14:57	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 14:57	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 14:57	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:57	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 14:57	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 14:57	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 14:57	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 14:57	1
cis-1,2-Dichloroethene	**4.3**		1.0	0.65	ug/L			08/08/16 14:57	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 14:57	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 14:57	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 14:57	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 14:57	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 14:57	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 14:57	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 14:57	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:57	1
1,1-Dichloroethane	**20**		1.0	0.52	ug/L			08/08/16 14:57	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 14:57	1
1,1-Dichloroethene	**65**		1.0	0.67	ug/L			08/08/16 14:57	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 14:57	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 14:57	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 14:57	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 14:57	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 14:57	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 14:57	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 14:57	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 14:57	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 14:57	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 14:57	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 14:57	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 14:57	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 14:57	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 14:57	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 14:57	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 14:57	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 14:57	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 14:57	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 14:57	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 14:57	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 14:57	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3020_INF
Date Collected: 08/04/16 08:36
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-61
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 14:57	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 14:57	1
Tetrachloroethene	**3.7**		1.0	0.50	ug/L			08/08/16 14:57	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 14:57	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 14:57	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 14:57	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 14:57	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 14:57	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 14:57	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 14:57	1
Trichloroethene	**35**		1.0	0.61	ug/L			08/08/16 14:57	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 14:57	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 14:57	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 14:57	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 14:57	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/08/16 14:57*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/08/16 14:57*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/08/16 14:57*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**180**		20	10	ug/L			08/12/16 11:07	10

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3021_INF
Date Collected: 08/04/16 13:06
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-62
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 17:27	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 17:27	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 17:27	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 17:27	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 17:27	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 17:27	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 17:27	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 17:27	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 17:27	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 17:27	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 17:27	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 17:27	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 17:27	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 17:27	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 17:27	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 17:27	1
cis-1,2-Dichloroethene	**22**		1.0	0.65	ug/L			08/08/16 17:27	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 17:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 17:27	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 17:27	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 17:27	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 17:27	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 17:27	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 17:27	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 17:27	1
1,1-Dichloroethane	**6.0**		1.0	0.52	ug/L			08/08/16 17:27	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 17:27	1
1,1-Dichloroethene	**13**		1.0	0.67	ug/L			08/08/16 17:27	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 17:27	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 17:27	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 17:27	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 17:27	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 17:27	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 17:27	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 17:27	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 17:27	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 17:27	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 17:27	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 17:27	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 17:27	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 17:27	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 17:27	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 17:27	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 17:27	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 17:27	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 17:27	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 17:27	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 17:27	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 17:27	1

Client Sample ID: EW3021_INF
Date Collected: 08/04/16 13:06
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-62
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 17:27	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 17:27	1
Tetrachloroethene	**0.69**	**I**	1.0	0.50	ug/L			08/08/16 17:27	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 17:27	1
trans-1,2-Dichloroethene	**8.7**		1.0	0.67	ug/L			08/08/16 17:27	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 17:27	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 17:27	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 17:27	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 17:27	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 17:27	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 17:27	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 17:27	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 17:27	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 17:27	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/08/16 17:27*	*1*
Dibromofluoromethane	*90*		*70 - 130*		*08/08/16 17:27*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/08/16 17:27*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**240**		10	6.1	ug/L			08/08/16 15:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/08/16 15:15*	*10*
Dibromofluoromethane	*96*		*70 - 130*		*08/08/16 15:15*	*10*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/08/16 15:15*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**98**		4.0	2.0	ug/L			08/09/16 18:16	2

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3022_INF
Date Collected: 08/04/16 13:31
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-63
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 13:41	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 13:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 13:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 13:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 13:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 13:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 13:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 13:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 13:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 13:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 13:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 13:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 13:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 13:41	1
cis-1,2-Dichloroethene	**15**		1.0	0.65	ug/L			08/08/16 13:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 13:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 13:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 13:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 13:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 13:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 13:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 13:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:41	1
1,1-Dichloroethane	**43**		1.0	0.52	ug/L			08/08/16 13:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 13:41	1
1,1-Dichloroethene	**46**		1.0	0.67	ug/L			08/08/16 13:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 13:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 13:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 13:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 13:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 13:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 13:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 13:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 13:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 13:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 13:41	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 13:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 13:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 13:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 13:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 13:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 13:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 13:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 13:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 13:41	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 13:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 13:41	1

Client Sample ID: EW3022_INF
Date Collected: 08/04/16 13:31
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-63
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 13:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 13:41	1
Tetrachloroethene	**1.7**		1.0	0.50	ug/L			08/08/16 13:41	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 13:41	1
trans-1,2-Dichloroethene	**0.70**	**I**	1.0	0.67	ug/L			08/08/16 13:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 13:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 13:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 13:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 13:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 13:41	1
Trichloroethene	**11**		1.0	0.61	ug/L			08/08/16 13:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 13:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 13:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 13:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 13:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/08/16 13:41*	*1*
Dibromofluoromethane	*95*		*70 - 130*		*08/08/16 13:41*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/08/16 13:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**290**		20	10	ug/L			08/12/16 11:26	10

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3023_INF
Date Collected: 08/04/16 07:15
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-64
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	40	20	ug/L			08/09/16 14:29	2
Benzene	1.0	U	2.0	1.0	ug/L			08/09/16 14:29	2
Bromobenzene	1.2	U	2.0	1.2	ug/L			08/09/16 14:29	2
Bromoform	1.3	U	2.0	1.3	ug/L			08/09/16 14:29	2
Bromomethane	5.0	U	10	5.0	ug/L			08/09/16 14:29	2
2-Butanone (MEK)	17	U	20	17	ug/L			08/09/16 14:29	2
Carbon disulfide	2.0	U	4.0	2.0	ug/L			08/09/16 14:29	2
Carbon tetrachloride	0.86	U	2.0	0.86	ug/L			08/09/16 14:29	2
Chlorobenzene	1.3	U	2.0	1.3	ug/L			08/09/16 14:29	2
Chlorobromomethane	1.2	U	2.0	1.2	ug/L			08/09/16 14:29	2
Chlorodibromomethane	0.62	U	2.0	0.62	ug/L			08/09/16 14:29	2
Chloroethane	5.0	U	10	5.0	ug/L			08/09/16 14:29	2
Chloroform	1.8	U	2.0	1.8	ug/L			08/09/16 14:29	2
Chloromethane	2.0	U	8.0	2.0	ug/L			08/09/16 14:29	2
2-Chlorotoluene	1.3	U	2.0	1.3	ug/L			08/09/16 14:29	2
4-Chlorotoluene	1.0	U	2.0	1.0	ug/L			08/09/16 14:29	2
cis-1,2-Dichloroethene	**12**		2.0	1.3	ug/L			08/09/16 14:29	2
cis-1,3-Dichloropropene	0.78	U	2.0	0.78	ug/L			08/09/16 14:29	2
1,2-Dibromo-3-Chloropropane	5.0	U	10	5.0	ug/L			08/09/16 14:29	2
Dibromomethane	0.92	U	2.0	0.92	ug/L			08/09/16 14:29	2
1,2-Dichlorobenzene	0.98	U	2.0	0.98	ug/L			08/09/16 14:29	2
1,3-Dichlorobenzene	1.3	U	2.0	1.3	ug/L			08/09/16 14:29	2
1,4-Dichlorobenzene	1.2	U	2.0	1.2	ug/L			08/09/16 14:29	2
Dichlorobromomethane	0.88	U	2.0	0.88	ug/L			08/09/16 14:29	2
Dichlorodifluoromethane	5.0	U	10	5.0	ug/L			08/09/16 14:29	2
1,1-Dichloroethane	**55**		2.0	1.0	ug/L			08/09/16 14:29	2
1,2-Dichloroethane	1.1	U	2.0	1.1	ug/L			08/09/16 14:29	2
1,2-Dichloropropane	1.0	U	2.0	1.0	ug/L			08/09/16 14:29	2
1,3-Dichloropropane	0.84	U	2.0	0.84	ug/L			08/09/16 14:29	2
2,2-Dichloropropane	0.72	U	2.0	0.72	ug/L			08/09/16 14:29	2
1,1-Dichloropropene	1.3	U	2.0	1.3	ug/L			08/09/16 14:29	2
Ethylbenzene	0.88	U	2.0	0.88	ug/L			08/09/16 14:29	2
Ethylene Dibromide	1.0	U	2.0	1.0	ug/L			08/09/16 14:29	2
Hexachlorobutadiene	0.68	U	2.0	0.68	ug/L			08/09/16 14:29	2
2-Hexanone	8.8	U	20	8.8	ug/L			08/09/16 14:29	2
Isopropylbenzene	1.0	U	2.0	1.0	ug/L			08/09/16 14:29	2
4-Isopropyltoluene	1.4	U	2.0	1.4	ug/L			08/09/16 14:29	2
Methylene Chloride	10	U	20	10	ug/L			08/09/16 14:29	2
4-Methyl-2-pentanone (MIBK)	8.0	U	20	8.0	ug/L			08/09/16 14:29	2
Methyl tert-butyl ether	0.88	U	2.0	0.88	ug/L			08/09/16 14:29	2
m-Xylene & p-Xylene	1.2	U	4.0	1.2	ug/L			08/09/16 14:29	2
Naphthalene	5.0	U	10	5.0	ug/L			08/09/16 14:29	2
n-Butylbenzene	1.3	U	2.0	1.3	ug/L			08/09/16 14:29	2
N-Propylbenzene	1.2	U	2.0	1.2	ug/L			08/09/16 14:29	2
o-Xylene	1.0	U	2.0	1.0	ug/L			08/09/16 14:29	2
sec-Butylbenzene	1.3	U	2.0	1.3	ug/L			08/09/16 14:29	2
Styrene	2.0	U	4.0	2.0	ug/L			08/09/16 14:29	2
tert-Butylbenzene	1.7	U	2.0	1.7	ug/L			08/09/16 14:29	2
1,1,1,2-Tetrachloroethane	1.3	U	2.0	1.3	ug/L			08/09/16 14:29	2

Client Sample ID: EW3023_INF
Date Collected: 08/04/16 07:15
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-64
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.34	U	2.0	0.34	ug/L			08/09/16 14:29	2
Tetrachloroethene	**17**		2.0	1.0	ug/L			08/09/16 14:29	2
Toluene	1.0	U	2.0	1.0	ug/L			08/09/16 14:29	2
trans-1,2-Dichloroethene	1.3	U	2.0	1.3	ug/L			08/09/16 14:29	2
trans-1,3-Dichloropropene	0.54	U	2.0	0.54	ug/L			08/09/16 14:29	2
1,2,3-Trichlorobenzene	1.5	U	2.0	1.5	ug/L			08/09/16 14:29	2
1,2,4-Trichlorobenzene	1.2	U	2.0	1.2	ug/L			08/09/16 14:29	2
1,1,1-Trichloroethane	0.94	U	2.0	0.94	ug/L			08/09/16 14:29	2
1,1,2-Trichloroethane	0.94	U	2.0	0.94	ug/L			08/09/16 14:29	2
Trichloroethene	**63**		2.0	1.2	ug/L			08/09/16 14:29	2
Trichlorofluoromethane	5.0	U	10	5.0	ug/L			08/09/16 14:29	2
1,2,3-Trichloropropane	0.88	U	2.0	0.88	ug/L			08/09/16 14:29	2
1,2,4-Trimethylbenzene	1.7	U	2.0	1.7	ug/L			08/09/16 14:29	2
1,3,5-Trimethylbenzene	1.1	U	2.0	1.1	ug/L			08/09/16 14:29	2
Vinyl chloride	1.4	U	2.0	1.4	ug/L			08/09/16 14:29	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/09/16 14:29*	*2*
Dibromofluoromethane	*103*		*70 - 130*		*08/09/16 14:29*	*2*
Toluene-d8 (Surr)	*90*		*70 - 130*		*08/09/16 14:29*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**270**		20	13	ug/L			08/09/16 14:11	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/09/16 14:11*	*20*
Dibromofluoromethane	*99*		*70 - 130*		*08/09/16 14:11*	*20*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/09/16 14:11*	*20*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**140**		10	5.0	ug/L			08/09/16 18:56	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3024_INF
Date Collected: 08/05/16 07:48
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-65
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 10:55	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 10:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 10:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 10:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 10:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 10:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 10:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 10:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 10:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 10:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 10:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 10:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 10:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 10:55	1
cis-1,2-Dichloroethene	**2.0**		1.0	0.65	ug/L			08/09/16 10:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 10:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 10:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 10:55	1
1,2-Dichlorobenzene	**0.69**	**I**	1.0	0.49	ug/L			08/09/16 10:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 10:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 10:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 10:55	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:55	1
1,1-Dichloroethane	**6.8**		1.0	0.52	ug/L			08/09/16 10:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 10:55	1
1,1-Dichloroethene	**64**		1.0	0.67	ug/L			08/09/16 10:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 10:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 10:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 10:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 10:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 10:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 10:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 10:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 10:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 10:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 10:55	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 10:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 10:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 10:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 10:55	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 10:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 10:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 10:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 10:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 10:55	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 10:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 10:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3024_INF
Date Collected: 08/05/16 07:48
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-65
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 10:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 10:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 10:55	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 10:55	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 10:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 10:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 10:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 10:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 10:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 10:55	1
Trichloroethene	**8.0**		1.0	0.61	ug/L			08/09/16 10:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 10:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 10:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 10:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 10:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/09/16 10:55*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*08/09/16 10:55*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/09/16 10:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**14**		2.0	1.0	ug/L			08/09/16 21:10	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3025_INF
Date Collected: 08/04/16 13:19
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-66
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 15:06	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 15:06	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 15:06	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 15:06	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:06	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 15:06	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 15:06	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 15:06	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:06	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 15:06	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 15:06	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:06	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 15:06	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 15:06	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 15:06	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 15:06	1
cis-1,2-Dichloroethene	**4.9**		1.0	0.65	ug/L			08/09/16 15:06	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 15:06	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 15:06	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 15:06	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 15:06	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 15:06	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 15:06	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 15:06	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:06	1
1,1-Dichloroethane	**13**		1.0	0.52	ug/L			08/09/16 15:06	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 15:06	1
1,1-Dichloroethene	**20**		1.0	0.67	ug/L			08/09/16 15:06	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 15:06	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 15:06	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 15:06	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 15:06	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 15:06	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 15:06	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 15:06	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 15:06	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 15:06	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 15:06	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 15:06	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 15:06	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 15:06	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 15:06	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/09/16 15:06	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 15:06	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 15:06	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 15:06	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:06	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 15:06	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 15:06	1

Client Sample ID: EW3025_INF
Date Collected: 08/04/16 13:19
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-66
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 15:06	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 15:06	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 15:06	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 15:06	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 15:06	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 15:06	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 15:06	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 15:06	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 15:06	1
Trichloroethene	**70**		1.0	0.61	ug/L			08/09/16 15:06	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:06	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 15:06	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 15:06	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 15:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*08/09/16 15:06*	*1*
Dibromofluoromethane	*92*		*70 - 130*		*08/09/16 15:06*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/09/16 15:06*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**96**		5.0	2.5	ug/L			08/09/16 13:52	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*08/09/16 13:52*	*5*
Dibromofluoromethane	*103*		*70 - 130*		*08/09/16 13:52*	*5*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/09/16 13:52*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**110**		4.0	2.0	ug/L			08/12/16 11:46	2

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3026_INF
Date Collected: 08/04/16 13:13
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-67
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 10:16	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 10:16	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 10:16	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 10:16	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:16	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 10:16	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 10:16	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 10:16	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 10:16	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 10:16	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 10:16	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:16	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 10:16	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 10:16	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 10:16	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 10:16	1
cis-1,2-Dichloroethene	**2.3**		1.0	0.65	ug/L			08/09/16 10:16	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 10:16	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 10:16	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 10:16	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 10:16	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 10:16	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 10:16	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 10:16	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:16	1
1,1-Dichloroethane	**12**		1.0	0.52	ug/L			08/09/16 10:16	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 10:16	1
1,1-Dichloroethene	**32**		1.0	0.67	ug/L			08/09/16 10:16	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 10:16	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 10:16	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 10:16	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 10:16	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 10:16	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 10:16	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 10:16	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 10:16	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 10:16	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 10:16	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 10:16	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 10:16	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 10:16	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 10:16	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 10:16	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 10:16	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 10:16	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 10:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 10:16	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 10:16	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 10:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3026_INF
Date Collected: 08/04/16 13:13
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-67
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 10:16	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 10:16	1
Tetrachloroethene	**0.68**	**I**	1.0	0.50	ug/L			08/09/16 10:16	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 10:16	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 10:16	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 10:16	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 10:16	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 10:16	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 10:16	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 10:16	1
Trichloroethene	**7.1**		1.0	0.61	ug/L			08/09/16 10:16	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:16	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 10:16	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 10:16	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 10:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 10:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/09/16 10:16*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*08/09/16 10:16*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/09/16 10:16*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**100**		10	5.0	ug/L			08/09/16 19:35	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3027_INF
Date Collected: 08/05/16 07:21
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-68
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	40	20	ug/L			08/09/16 15:43	2
Benzene	1.0	U	2.0	1.0	ug/L			08/09/16 15:43	2
Bromobenzene	1.2	U	2.0	1.2	ug/L			08/09/16 15:43	2
Bromoform	1.3	U	2.0	1.3	ug/L			08/09/16 15:43	2
Bromomethane	5.0	U	10	5.0	ug/L			08/09/16 15:43	2
2-Butanone (MEK)	17	U	20	17	ug/L			08/09/16 15:43	2
Carbon disulfide	2.0	U	4.0	2.0	ug/L			08/09/16 15:43	2
Carbon tetrachloride	0.86	U	2.0	0.86	ug/L			08/09/16 15:43	2
Chlorobenzene	1.3	U	2.0	1.3	ug/L			08/09/16 15:43	2
Chlorobromomethane	1.2	U	2.0	1.2	ug/L			08/09/16 15:43	2
Chlorodibromomethane	0.62	U	2.0	0.62	ug/L			08/09/16 15:43	2
Chloroethane	5.0	U	10	5.0	ug/L			08/09/16 15:43	2
Chloroform	1.8	U	2.0	1.8	ug/L			08/09/16 15:43	2
Chloromethane	2.0	U	8.0	2.0	ug/L			08/09/16 15:43	2
2-Chlorotoluene	1.3	U	2.0	1.3	ug/L			08/09/16 15:43	2
4-Chlorotoluene	1.0	U	2.0	1.0	ug/L			08/09/16 15:43	2
cis-1,2-Dichloroethene	**40**		2.0	1.3	ug/L			08/09/16 15:43	2
cis-1,3-Dichloropropene	0.78	U	2.0	0.78	ug/L			08/09/16 15:43	2
1,2-Dibromo-3-Chloropropane	5.0	U	10	5.0	ug/L			08/09/16 15:43	2
Dibromomethane	0.92	U	2.0	0.92	ug/L			08/09/16 15:43	2
1,2-Dichlorobenzene	0.98	U	2.0	0.98	ug/L			08/09/16 15:43	2
1,3-Dichlorobenzene	1.3	U	2.0	1.3	ug/L			08/09/16 15:43	2
1,4-Dichlorobenzene	1.2	U	2.0	1.2	ug/L			08/09/16 15:43	2
Dichlorobromomethane	0.88	U	2.0	0.88	ug/L			08/09/16 15:43	2
Dichlorodifluoromethane	5.0	U	10	5.0	ug/L			08/09/16 15:43	2
1,1-Dichloroethane	**15**		2.0	1.0	ug/L			08/09/16 15:43	2
1,2-Dichloroethane	1.1	U	2.0	1.1	ug/L			08/09/16 15:43	2
1,1-Dichloroethene	**39**		2.0	1.3	ug/L			08/09/16 15:43	2
1,2-Dichloropropane	1.0	U	2.0	1.0	ug/L			08/09/16 15:43	2
1,3-Dichloropropane	0.84	U	2.0	0.84	ug/L			08/09/16 15:43	2
2,2-Dichloropropane	0.72	U	2.0	0.72	ug/L			08/09/16 15:43	2
1,1-Dichloropropene	1.3	U	2.0	1.3	ug/L			08/09/16 15:43	2
Ethylbenzene	0.88	U	2.0	0.88	ug/L			08/09/16 15:43	2
Ethylene Dibromide	1.0	U	2.0	1.0	ug/L			08/09/16 15:43	2
Hexachlorobutadiene	0.68	U	2.0	0.68	ug/L			08/09/16 15:43	2
2-Hexanone	8.8	U	20	8.8	ug/L			08/09/16 15:43	2
Isopropylbenzene	1.0	U	2.0	1.0	ug/L			08/09/16 15:43	2
4-Isopropyltoluene	1.4	U	2.0	1.4	ug/L			08/09/16 15:43	2
Methylene Chloride	10	U	20	10	ug/L			08/09/16 15:43	2
4-Methyl-2-pentanone (MIBK)	8.0	U	20	8.0	ug/L			08/09/16 15:43	2
Methyl tert-butyl ether	0.88	U	2.0	0.88	ug/L			08/09/16 15:43	2
m-Xylene & p-Xylene	1.2	U	4.0	1.2	ug/L			08/09/16 15:43	2
Naphthalene	5.0	U	10	5.0	ug/L			08/09/16 15:43	2
n-Butylbenzene	1.3	U	2.0	1.3	ug/L			08/09/16 15:43	2
N-Propylbenzene	1.2	U	2.0	1.2	ug/L			08/09/16 15:43	2
o-Xylene	1.0	U	2.0	1.0	ug/L			08/09/16 15:43	2
sec-Butylbenzene	1.3	U	2.0	1.3	ug/L			08/09/16 15:43	2
Styrene	2.0	U	4.0	2.0	ug/L			08/09/16 15:43	2
tert-Butylbenzene	1.7	U	2.0	1.7	ug/L			08/09/16 15:43	2

Client Sample ID: EW3027_INF
Date Collected: 08/05/16 07:21
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-68
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.3	U	2.0	1.3	ug/L			08/09/16 15:43	2
1,1,2,2-Tetrachloroethane	0.34	U	2.0	0.34	ug/L			08/09/16 15:43	2
Tetrachloroethene	**120**		2.0	1.0	ug/L			08/09/16 15:43	2
Toluene	1.0	U	2.0	1.0	ug/L			08/09/16 15:43	2
trans-1,2-Dichloroethene	1.3	U	2.0	1.3	ug/L			08/09/16 15:43	2
trans-1,3-Dichloropropene	0.54	U	2.0	0.54	ug/L			08/09/16 15:43	2
1,2,3-Trichlorobenzene	1.5	U	2.0	1.5	ug/L			08/09/16 15:43	2
1,2,4-Trichlorobenzene	1.2	U	2.0	1.2	ug/L			08/09/16 15:43	2
1,1,1-Trichloroethane	0.94	U	2.0	0.94	ug/L			08/09/16 15:43	2
1,1,2-Trichloroethane	0.94	U	2.0	0.94	ug/L			08/09/16 15:43	2
Trichlorofluoromethane	5.0	U	10	5.0	ug/L			08/09/16 15:43	2
1,2,3-Trichloropropane	0.88	U	2.0	0.88	ug/L			08/09/16 15:43	2
1,2,4-Trimethylbenzene	1.7	U	2.0	1.7	ug/L			08/09/16 15:43	2
1,3,5-Trimethylbenzene	1.1	U	2.0	1.1	ug/L			08/09/16 15:43	2
Vinyl chloride	1.4	U	2.0	1.4	ug/L			08/09/16 15:43	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*08/09/16 15:43*	*2*
Dibromofluoromethane	*104*		*70 - 130*		*08/09/16 15:43*	*2*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/09/16 15:43*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**730**		20	12	ug/L			08/09/16 13:33	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*08/09/16 13:33*	*20*
Dibromofluoromethane	*116*		*70 - 130*		*08/09/16 13:33*	*20*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/09/16 13:33*	*20*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**170**		10	5.0	ug/L			08/09/16 19:54	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4001_INF
Date Collected: 08/04/16 11:02
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-69
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 12:54	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 12:54	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 12:54	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 12:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:54	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 12:54	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 12:54	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 12:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 12:54	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 12:54	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 12:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 12:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 12:54	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 12:54	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 12:54	1
cis-1,2-Dichloroethene	**11**		1.0	0.65	ug/L			08/09/16 12:54	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 12:54	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 12:54	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 12:54	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 12:54	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 12:54	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 12:54	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 12:54	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:54	1
1,1-Dichloroethane	**1.5**		1.0	0.52	ug/L			08/09/16 12:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 12:54	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 12:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 12:54	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 12:54	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 12:54	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 12:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 12:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 12:54	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 12:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 12:54	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 12:54	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 12:54	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 12:54	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 12:54	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 12:54	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 12:54	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 12:54	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 12:54	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 12:54	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 12:54	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 12:54	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 12:54	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 12:54	1

Client Sample ID: EW4001_INF
Date Collected: 08/04/16 11:02
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-69
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 12:54	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 12:54	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 12:54	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 12:54	1
trans-1,2-Dichloroethene	**17**		1.0	0.67	ug/L			08/09/16 12:54	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 12:54	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 12:54	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 12:54	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 12:54	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 12:54	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 12:54	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:54	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 12:54	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 12:54	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 12:54	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/09/16 12:54*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*08/09/16 12:54*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/09/16 12:54*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**20**		2.0	1.0	ug/L			08/09/16 20:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4002_INF
Date Collected: 08/04/16 10:41
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-70
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 13:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 13:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 13:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 13:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 13:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 13:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 13:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 13:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 13:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 13:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 13:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 13:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 13:13	1
cis-1,2-Dichloroethene	**11**		1.0	0.65	ug/L			08/09/16 13:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 13:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 13:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 13:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 13:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 13:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 13:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 13:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:13	1
1,1-Dichloroethane	**3.3**		1.0	0.52	ug/L			08/09/16 13:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 13:13	1
1,1-Dichloroethene	**9.7**		1.0	0.67	ug/L			08/09/16 13:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 13:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 13:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 13:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 13:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 13:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 13:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 13:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 13:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 13:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 13:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 13:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 13:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 13:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 13:13	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 13:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 13:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 13:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 13:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 13:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 13:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4002_INF
Date Collected: 08/04/16 10:41
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-70
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 13:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 13:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 13:13	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 13:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 13:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 13:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 13:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 13:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 13:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 13:13	1
Trichloroethene	**12**		1.0	0.61	ug/L			08/09/16 13:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 13:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 13:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 13:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/09/16 13:13*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*08/09/16 13:13*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/09/16 13:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**24**		2.0	1.0	ug/L			08/09/16 20:33	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4003_INF
Date Collected: 08/05/16 08:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-71
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	100	50	ug/L			08/09/16 17:10	5
Benzene	2.5	U	5.0	2.5	ug/L			08/09/16 17:10	5
Bromobenzene	2.9	U	5.0	2.9	ug/L			08/09/16 17:10	5
Bromoform	3.2	U	5.0	3.2	ug/L			08/09/16 17:10	5
Bromomethane	13	U	25	13	ug/L			08/09/16 17:10	5
2-Butanone (MEK)	42	U	50	42	ug/L			08/09/16 17:10	5
Carbon disulfide	5.0	U	10	5.0	ug/L			08/09/16 17:10	5
Carbon tetrachloride	2.2	U	5.0	2.2	ug/L			08/09/16 17:10	5
Chlorobenzene	3.2	U	5.0	3.2	ug/L			08/09/16 17:10	5
Chlorobromomethane	2.9	U	5.0	2.9	ug/L			08/09/16 17:10	5
Chlorodibromomethane	1.6	U	5.0	1.6	ug/L			08/09/16 17:10	5
Chloroethane	13	U	25	13	ug/L			08/09/16 17:10	5
Chloroform	4.5	U	5.0	4.5	ug/L			08/09/16 17:10	5
Chloromethane	5.0	U	20	5.0	ug/L			08/09/16 17:10	5
2-Chlorotoluene	3.3	U	5.0	3.3	ug/L			08/09/16 17:10	5
4-Chlorotoluene	2.6	U	5.0	2.6	ug/L			08/09/16 17:10	5
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/L			08/09/16 17:10	5
1,2-Dibromo-3-Chloropropane	13	U	25	13	ug/L			08/09/16 17:10	5
Dibromomethane	2.3	U	5.0	2.3	ug/L			08/09/16 17:10	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			08/09/16 17:10	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			08/09/16 17:10	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			08/09/16 17:10	5
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			08/09/16 17:10	5
Dichlorodifluoromethane	13	U	25	13	ug/L			08/09/16 17:10	5
1,1-Dichloroethane	**23**		5.0	2.6	ug/L			08/09/16 17:10	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			08/09/16 17:10	5
1,1-Dichloroethene	**94**		5.0	3.4	ug/L			08/09/16 17:10	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			08/09/16 17:10	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			08/09/16 17:10	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			08/09/16 17:10	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			08/09/16 17:10	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			08/09/16 17:10	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			08/09/16 17:10	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			08/09/16 17:10	5
2-Hexanone	22	U	50	22	ug/L			08/09/16 17:10	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			08/09/16 17:10	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			08/09/16 17:10	5
Methylene Chloride	25	U	50	25	ug/L			08/09/16 17:10	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			08/09/16 17:10	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			08/09/16 17:10	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			08/09/16 17:10	5
Naphthalene	13	U J3	25	13	ug/L			08/09/16 17:10	5
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			08/09/16 17:10	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			08/09/16 17:10	5
o-Xylene	2.5	U	5.0	2.5	ug/L			08/09/16 17:10	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			08/09/16 17:10	5
Styrene	4.9	U	10	4.9	ug/L			08/09/16 17:10	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			08/09/16 17:10	5
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			08/09/16 17:10	5

Client Sample ID: EW4003_INF
Date Collected: 08/05/16 08:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-71
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.85	U	5.0	0.85	ug/L			08/09/16 17:10	5
Tetrachloroethene	2.5	U	5.0	2.5	ug/L			08/09/16 17:10	5
Toluene	2.6	U	5.0	2.6	ug/L			08/09/16 17:10	5
trans-1,2-Dichloroethene	**7.6**		5.0	3.4	ug/L			08/09/16 17:10	5
trans-1,3-Dichloropropene	1.4	U	5.0	1.4	ug/L			08/09/16 17:10	5
1,2,3-Trichlorobenzene	3.9	U	5.0	3.9	ug/L			08/09/16 17:10	5
1,2,4-Trichlorobenzene	2.9	U	5.0	2.9	ug/L			08/09/16 17:10	5
1,1,1-Trichloroethane	2.4	U	5.0	2.4	ug/L			08/09/16 17:10	5
1,1,2-Trichloroethane	2.4	U	5.0	2.4	ug/L			08/09/16 17:10	5
Trichloroethene	**11**		5.0	3.1	ug/L			08/09/16 17:10	5
Trichlorofluoromethane	13	U	25	13	ug/L			08/09/16 17:10	5
1,2,3-Trichloropropane	2.2	U	5.0	2.2	ug/L			08/09/16 17:10	5
1,2,4-Trimethylbenzene	4.3	U	5.0	4.3	ug/L			08/09/16 17:10	5
1,3,5-Trimethylbenzene	2.7	U	5.0	2.7	ug/L			08/09/16 17:10	5
Vinyl chloride	**230**		5.0	3.6	ug/L			08/09/16 17:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/09/16 17:10*	*5*
Dibromofluoromethane	*113*		*70 - 130*		*08/09/16 17:10*	*5*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/09/16 17:10*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**850**		50	33	ug/L			08/09/16 16:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/09/16 16:50*	*50*
Dibromofluoromethane	*112*		*70 - 130*		*08/09/16 16:50*	*50*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/09/16 16:50*	*50*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**150**		10	5.0	ug/L			08/09/16 20:52	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4004_INF
Date Collected: 08/04/16 14:29
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-72
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 13:33	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 13:33	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 13:33	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 13:33	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:33	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 13:33	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 13:33	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 13:33	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:33	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 13:33	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 13:33	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:33	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 13:33	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 13:33	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 13:33	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 13:33	1
cis-1,2-Dichloroethene	**0.80**	**I**	1.0	0.65	ug/L			08/09/16 13:33	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 13:33	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 13:33	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 13:33	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 13:33	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 13:33	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 13:33	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 13:33	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:33	1
1,1-Dichloroethane	**2.0**		1.0	0.52	ug/L			08/09/16 13:33	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 13:33	1
1,1-Dichloroethene	**8.9**		1.0	0.67	ug/L			08/09/16 13:33	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 13:33	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 13:33	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 13:33	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 13:33	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 13:33	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 13:33	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 13:33	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 13:33	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 13:33	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 13:33	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 13:33	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 13:33	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 13:33	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 13:33	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 13:33	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 13:33	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 13:33	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 13:33	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:33	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 13:33	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 13:33	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4004_INF
Date Collected: 08/04/16 14:29
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-72
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 13:33	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 13:33	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 13:33	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 13:33	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 13:33	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 13:33	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 13:33	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 13:33	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 13:33	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 13:33	1
Trichloroethene	**1.6**		1.0	0.61	ug/L			08/09/16 13:33	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:33	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 13:33	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 13:33	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 13:33	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/09/16 13:33*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*08/09/16 13:33*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/09/16 13:33*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**16**		2.0	1.0	ug/L			08/09/16 21:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4005_INF
Date Collected: 08/05/16 07:18
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-73
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 16:11	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 16:11	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 16:11	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 16:11	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:11	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 16:11	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 16:11	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 16:11	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 16:11	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 16:11	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 16:11	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:11	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 16:11	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 16:11	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 16:11	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 16:11	1
cis-1,2-Dichloroethene	**34**		1.0	0.65	ug/L			08/09/16 16:11	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 16:11	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 16:11	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 16:11	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 16:11	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 16:11	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 16:11	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 16:11	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:11	1
1,1-Dichloroethane	**9.0**		1.0	0.52	ug/L			08/09/16 16:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 16:11	1
1,1-Dichloroethene	**17**		1.0	0.67	ug/L			08/09/16 16:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 16:11	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 16:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 16:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 16:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 16:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 16:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 16:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 16:11	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 16:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 16:11	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 16:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 16:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 16:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 16:11	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 16:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 16:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 16:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 16:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 16:11	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 16:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 16:11	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4005_INF
Date Collected: 08/05/16 07:18
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-73
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 16:11	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 16:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 16:11	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 16:11	1
trans-1,2-Dichloroethene	**3.5**		1.0	0.67	ug/L			08/09/16 16:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 16:11	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 16:11	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 16:11	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 16:11	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 16:11	1
Trichloroethene	**4.6**		1.0	0.61	ug/L			08/09/16 16:11	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:11	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 16:11	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 16:11	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 16:11	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/09/16 16:11*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*08/09/16 16:11*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/09/16 16:11*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**97**		10	5.0	ug/L			08/10/16 14:47	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4006_INF
Date Collected: 08/04/16 13:36
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-74
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 13:53	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 13:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 13:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 13:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:53	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 13:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 13:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 13:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 13:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 13:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 13:53	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 13:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 13:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 13:53	1
cis-1,2-Dichloroethene	**3.2**		1.0	0.65	ug/L			08/09/16 13:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 13:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 13:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 13:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 13:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 13:53	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 13:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 13:53	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:53	1
1,1-Dichloroethane	**2.5**		1.0	0.52	ug/L			08/09/16 13:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 13:53	1
1,1-Dichloroethene	**6.0**		1.0	0.67	ug/L			08/09/16 13:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 13:53	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 13:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 13:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 13:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 13:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 13:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 13:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 13:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 13:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 13:53	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 13:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 13:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 13:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 13:53	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 13:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 13:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 13:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 13:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:53	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 13:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 13:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4006_INF
Date Collected: 08/04/16 13:36
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-74
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 13:53	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 13:53	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 13:53	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 13:53	1
trans-1,2-Dichloroethene	**1.3**		1.0	0.67	ug/L			08/09/16 13:53	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 13:53	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 13:53	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 13:53	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 13:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 13:53	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 13:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:53	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 13:53	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 13:53	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 13:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/09/16 13:53*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*08/09/16 13:53*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/09/16 13:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**54**		2.0	1.0	ug/L			08/10/16 14:10	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4007_INF
Date Collected: 08/04/16 13:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-75
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 14:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 14:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 14:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 14:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 14:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 14:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 14:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 14:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 14:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 14:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 14:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 14:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 14:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 14:13	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.65	ug/L			08/09/16 14:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 14:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 14:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 14:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 14:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 14:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 14:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 14:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:13	1
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			08/09/16 14:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 14:13	1
1,1-Dichloroethene	**4.9**		1.0	0.67	ug/L			08/09/16 14:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 14:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 14:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 14:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 14:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 14:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 14:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 14:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 14:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 14:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 14:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 14:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 14:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 14:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 14:13	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 14:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 14:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 14:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 14:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 14:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 14:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 14:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4007_INF
Date Collected: 08/04/16 13:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-75
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 14:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 14:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 14:13	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 14:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 14:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 14:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 14:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 14:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 14:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 14:13	1
Trichloroethene	**0.64**	**I**	1.0	0.61	ug/L			08/09/16 14:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 14:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 14:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 14:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/09/16 14:13*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*08/09/16 14:13*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/09/16 14:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**62**		2.0	1.0	ug/L			08/10/16 14:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4008_INF
Date Collected: 08/04/16 13:50
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-76
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 14:32	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 14:32	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 14:32	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 14:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:32	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 14:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 14:32	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 14:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 14:32	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 14:32	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 14:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 14:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 14:32	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 14:32	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 14:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 14:32	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 14:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 14:32	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 14:32	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 14:32	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 14:32	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 14:32	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 14:32	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 14:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 14:32	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 14:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 14:32	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 14:32	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 14:32	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 14:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 14:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 14:32	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 14:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 14:32	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 14:32	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 14:32	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 14:32	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 14:32	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 14:32	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 14:32	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 14:32	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 14:32	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 14:32	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 14:32	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 14:32	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 14:32	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 14:32	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4008_INF
Date Collected: 08/04/16 13:50
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-76
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 14:32	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 14:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 14:32	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 14:32	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 14:32	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 14:32	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 14:32	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 14:32	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 14:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 14:32	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 14:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:32	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 14:32	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 14:32	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 14:32	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/09/16 14:32*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/09/16 14:32*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/09/16 14:32*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.2**		2.0	1.0	ug/L			08/10/16 11:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4009_INF
Date Collected: 08/04/16 08:15
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-77
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 14:52	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 14:52	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 14:52	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 14:52	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:52	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 14:52	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 14:52	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 14:52	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 14:52	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 14:52	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 14:52	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:52	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 14:52	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 14:52	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 14:52	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 14:52	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.65	ug/L			08/09/16 14:52	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 14:52	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 14:52	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 14:52	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 14:52	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 14:52	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 14:52	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 14:52	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:52	1
1,1-Dichloroethane	**6.1**		1.0	0.52	ug/L			08/09/16 14:52	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 14:52	1
1,1-Dichloroethene	**3.3**		1.0	0.67	ug/L			08/09/16 14:52	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 14:52	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 14:52	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 14:52	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 14:52	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 14:52	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 14:52	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 14:52	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 14:52	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 14:52	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 14:52	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 14:52	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 14:52	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 14:52	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 14:52	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 14:52	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 14:52	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 14:52	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 14:52	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 14:52	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 14:52	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 14:52	1

Client Sample ID: EW4009_INF
Date Collected: 08/04/16 08:15
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-77
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 14:52	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 14:52	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 14:52	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 14:52	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 14:52	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 14:52	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 14:52	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 14:52	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 14:52	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 14:52	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 14:52	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:52	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 14:52	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 14:52	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 14:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/09/16 14:52*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/09/16 14:52*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/09/16 14:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**23**		2.0	1.0	ug/L			08/10/16 13:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4010_INF
Date Collected: 08/04/16 11:09
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-78
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 15:12	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 15:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 15:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 15:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 15:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 15:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 15:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 15:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 15:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 15:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 15:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 15:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 15:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 15:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 15:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 15:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 15:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 15:12	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 15:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 15:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 15:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:12	1
1,1-Dichloroethane	**1.1**		1.0	0.52	ug/L			08/09/16 15:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 15:12	1
1,1-Dichloroethene	**1.0**		1.0	0.67	ug/L			08/09/16 15:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 15:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 15:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 15:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 15:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 15:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 15:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 15:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 15:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 15:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 15:12	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 15:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 15:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 15:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 15:12	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 15:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 15:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 15:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 15:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:12	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 15:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 15:12	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4010_INF
Date Collected: 08/04/16 11:09
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-78
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 15:12	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 15:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 15:12	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 15:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 15:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 15:12	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 15:12	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 15:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 15:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 15:12	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 15:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 15:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 15:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 15:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/09/16 15:12*	*1*
Dibromofluoromethane	*115*		*70 - 130*		*08/09/16 15:12*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/09/16 15:12*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**19**		2.0	1.0	ug/L			08/10/16 13:33	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4011_INF
Date Collected: 08/04/16 11:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-79
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 15:31	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 15:31	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 15:31	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 15:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:31	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 15:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 15:31	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 15:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:31	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 15:31	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 15:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 15:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 15:31	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 15:31	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 15:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 15:31	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 15:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 15:31	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 15:31	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 15:31	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 15:31	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 15:31	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 15:31	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:31	1
1,1-Dichloroethane	**1.6**		1.0	0.52	ug/L			08/09/16 15:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 15:31	1
1,1-Dichloroethene	**1.6**		1.0	0.67	ug/L			08/09/16 15:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 15:31	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 15:31	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 15:31	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 15:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 15:31	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 15:31	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 15:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 15:31	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 15:31	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 15:31	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 15:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 15:31	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 15:31	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 15:31	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 15:31	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 15:31	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 15:31	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 15:31	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:31	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 15:31	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 15:31	1

Client Sample ID: EW4011_INF
Date Collected: 08/04/16 11:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-79
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 15:31	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 15:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 15:31	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 15:31	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 15:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 15:31	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 15:31	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 15:31	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 15:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 15:31	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 15:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:31	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 15:31	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 15:31	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 15:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/09/16 15:31*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/09/16 15:31*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/09/16 15:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**27**		2.0	1.0	ug/L			08/10/16 13:52	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW5001_INF
Date Collected: 08/05/16 07:10
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-80
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 15:51	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 15:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 15:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 15:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:51	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 15:51	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 15:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 15:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 15:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 15:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 15:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 15:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 15:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 15:51	1
cis-1,2-Dichloroethene	**4.8**		1.0	0.65	ug/L			08/09/16 15:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 15:51	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 15:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 15:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 15:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 15:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 15:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 15:51	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:51	1
1,1-Dichloroethane	**0.71**	**I**	1.0	0.52	ug/L			08/09/16 15:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 15:51	1
1,1-Dichloroethene	**2.1**		1.0	0.67	ug/L			08/09/16 15:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 15:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 15:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 15:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 15:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 15:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 15:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 15:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 15:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 15:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 15:51	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 15:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 15:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 15:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 15:51	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 15:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 15:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 15:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 15:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:51	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 15:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 15:51	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW5001_INF
Date Collected: 08/05/16 07:10
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-80
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 15:51	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 15:51	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 15:51	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 15:51	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 15:51	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 15:51	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 15:51	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 15:51	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 15:51	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 15:51	1
Trichloroethene	**7.6**		1.0	0.61	ug/L			08/09/16 15:51	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:51	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 15:51	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 15:51	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 15:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/09/16 15:51*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/09/16 15:51*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/09/16 15:51*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.7**		2.0	1.0	ug/L			08/10/16 12:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW5002_INF
Date Collected: 08/04/16 12:50
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-81
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 16:30	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 16:30	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 16:30	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 16:30	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:30	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 16:30	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 16:30	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 16:30	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 16:30	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 16:30	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 16:30	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:30	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 16:30	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 16:30	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 16:30	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 16:30	1
cis-1,2-Dichloroethene	**2.5**		1.0	0.65	ug/L			08/09/16 16:30	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 16:30	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 16:30	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 16:30	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 16:30	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 16:30	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 16:30	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 16:30	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:30	1
1,1-Dichloroethane	**2.5**		1.0	0.52	ug/L			08/09/16 16:30	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 16:30	1
1,1-Dichloroethene	**3.4**		1.0	0.67	ug/L			08/09/16 16:30	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 16:30	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 16:30	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 16:30	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 16:30	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 16:30	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 16:30	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 16:30	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 16:30	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 16:30	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 16:30	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 16:30	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 16:30	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 16:30	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 16:30	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 16:30	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 16:30	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 16:30	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 16:30	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 16:30	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 16:30	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 16:30	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW5002_INF
Date Collected: 08/04/16 12:50
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-81
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 16:30	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 16:30	1
Tetrachloroethene	**7.4**		1.0	0.50	ug/L			08/09/16 16:30	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 16:30	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 16:30	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 16:30	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 16:30	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 16:30	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 16:30	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 16:30	1
Trichloroethene	**5.7**		1.0	0.61	ug/L			08/09/16 16:30	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:30	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 16:30	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 16:30	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 16:30	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/09/16 16:30*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*08/09/16 16:30*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/09/16 16:30*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.4**	**I**	2.0	1.0	ug/L			08/10/16 12:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: Trip Blank 1
Date Collected: 08/04/16 00:00
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-82
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 11:55	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 11:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 11:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 11:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 11:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 11:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 11:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 11:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 11:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 11:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 11:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 11:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 11:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 11:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 11:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 11:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 11:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 11:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 11:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 11:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 11:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 11:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 11:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 11:55	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 11:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 11:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 11:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 11:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 11:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 11:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 11:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 11:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 11:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 11:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 11:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 11:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 11:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 11:55	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 11:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 11:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 11:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 11:55	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 11:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 11:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 11:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 11:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 11:55	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 11:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 11:55	1

Client Sample ID: Trip Blank 1
Date Collected: 08/04/16 00:00
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-82
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 11:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 11:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 11:55	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 11:55	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 11:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 11:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 11:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 11:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 11:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 11:55	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 11:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 11:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 11:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 11:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 11:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/09/16 11:55*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*08/09/16 11:55*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/09/16 11:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/10/16 10:58	1

Client Sample ID: Trip Blank 2
Date Collected: 08/04/16 00:00
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-83
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 12:14	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 12:14	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 12:14	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 12:14	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:14	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 12:14	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 12:14	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 12:14	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 12:14	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 12:14	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 12:14	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:14	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 12:14	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 12:14	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 12:14	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 12:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 12:14	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 12:14	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 12:14	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 12:14	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 12:14	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 12:14	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 12:14	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 12:14	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:14	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 12:14	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 12:14	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 12:14	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 12:14	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 12:14	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 12:14	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 12:14	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 12:14	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 12:14	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 12:14	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 12:14	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 12:14	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 12:14	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 12:14	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 12:14	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 12:14	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 12:14	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 12:14	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 12:14	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 12:14	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 12:14	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 12:14	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 12:14	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 12:14	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: Trip Blank 2
Date Collected: 08/04/16 00:00
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-83
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 12:14	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 12:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 12:14	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 12:14	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 12:14	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 12:14	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 12:14	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 12:14	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 12:14	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 12:14	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 12:14	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:14	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 12:14	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 12:14	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 12:14	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/09/16 12:14*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/09/16 12:14*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/09/16 12:14*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/10/16 10:40	1

Client Sample ID: Trip Blank 3
Date Collected: 08/04/16 00:00
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-84
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 12:34	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 12:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 12:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 12:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 12:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 12:34	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 12:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 12:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 12:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 12:34	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 12:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 12:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 12:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 12:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 12:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 12:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 12:34	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 12:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 12:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 12:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 12:34	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 12:34	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:34	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 12:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 12:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 12:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 12:34	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 12:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 12:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 12:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 12:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 12:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 12:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 12:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 12:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 12:34	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 12:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 12:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 12:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 12:34	1
Naphthalene	2.5	U J3	5.0	2.5	ug/L			08/09/16 12:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 12:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 12:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 12:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 12:34	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 12:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 12:34	1

Client Sample ID: Trip Blank 3
Date Collected: 08/04/16 00:00
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-84
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 12:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 12:34	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 12:34	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 12:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 12:34	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 12:34	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 12:34	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 12:34	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 12:34	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 12:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 12:34	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:34	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 12:34	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 12:34	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 12:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/09/16 12:34*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/09/16 12:34*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/09/16 12:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/10/16 10:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-172526/7
Matrix: Water
Analysis Batch: 172526

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 12:07	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 12:07	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 12:07	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 12:07	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:07	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 12:07	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 12:07	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 12:07	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 12:07	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 12:07	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 12:07	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:07	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 12:07	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 12:07	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 12:07	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 12:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 12:07	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 12:07	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 12:07	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 12:07	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 12:07	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 12:07	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 12:07	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 12:07	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:07	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 12:07	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 12:07	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 12:07	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 12:07	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 12:07	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 12:07	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 12:07	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 12:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 12:07	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 12:07	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 12:07	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 12:07	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 12:07	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 12:07	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 12:07	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 12:07	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 12:07	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 12:07	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 12:07	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 12:07	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 12:07	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 12:07	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 12:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172526/7
Matrix: Water
Analysis Batch: 172526

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 12:07	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 12:07	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 12:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 12:07	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 12:07	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 12:07	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 12:07	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 12:07	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 12:07	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 12:07	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 12:07	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 12:07	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:07	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 12:07	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 12:07	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 12:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 12:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/06/16 12:07*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/06/16 12:07*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/06/16 12:07*	*1*

Lab Sample ID: LCS 660-172526/4
Matrix: Water
Analysis Batch: 172526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	98.6		ug/L		99	62 - 142
Benzene	10.0	9.37		ug/L		94	68 - 134
Bromobenzene	10.0	11.1		ug/L		111	70 - 130
Bromoform	10.0	10.7		ug/L		107	65 - 130
Bromomethane	10.0	11.5		ug/L		115	22 - 150
2-Butanone (MEK)	100	90.6		ug/L		91	63 - 140
Carbon disulfide	10.0	3.01		ug/L		30	30 - 150
Carbon tetrachloride	10.0	9.11		ug/L		91	61 - 134
Chlorobenzene	10.0	10.6		ug/L		106	70 - 130
Chlorobromomethane	10.0	8.90		ug/L		89	70 - 130
Chlorodibromomethane	10.0	8.39		ug/L		84	70 - 130
Chloroethane	10.0	11.7		ug/L		117	39 - 150
Chloroform	10.0	10.1		ug/L		101	68 - 130
Chloromethane	10.0	12.5		ug/L		125	35 - 150
2-Chlorotoluene	10.0	11.4		ug/L		114	70 - 130
4-Chlorotoluene	10.0	11.2		ug/L		112	70 - 130
cis-1,2-Dichloroethene	10.0	9.59		ug/L		96	66 - 130
cis-1,3-Dichloropropene	10.0	10.2		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.66		ug/L		87	63 - 130
Dibromomethane	10.0	10.1		ug/L		101	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172526/4
Matrix: Water
Analysis Batch: 172526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	11.2		ug/L		112	70 - 130
1,3-Dichlorobenzene	10.0	11.3		ug/L		113	70 - 130
1,4-Dichlorobenzene	10.0	11.0		ug/L		110	70 - 130
Dichlorobromomethane	10.0	10.0		ug/L		100	70 - 130
Dichlorodifluoromethane	10.0	12.3		ug/L		123	16 - 149
1,1-Dichloroethane	10.0	8.98		ug/L		90	66 - 130
1,2-Dichloroethane	10.0	8.95		ug/L		89	70 - 130
1,1-Dichloroethene	10.0	5.29		ug/L		53	51 - 150
1,2-Dichloropropane	10.0	9.96		ug/L		100	70 - 130
1,3-Dichloropropane	10.0	9.99		ug/L		100	70 - 130
2,2-Dichloropropane	10.0	8.51		ug/L		85	66 - 134
1,1-Dichloropropene	10.0	8.91		ug/L		89	65 - 136
Ethylbenzene	10.0	10.7		ug/L		107	70 - 130
Ethylene Dibromide	10.0	10.4		ug/L		104	66 - 130
Hexachlorobutadiene	10.0	12.9		ug/L		129	62 - 143
2-Hexanone	100	93.6		ug/L		94	60 - 148
Isopropylbenzene	10.0	11.7		ug/L		117	62 - 130
4-Isopropyltoluene	10.0	11.5		ug/L		115	65 - 134
Methylene Chloride	10.0	8.83	I	ug/L		88	57 - 130
4-Methyl-2-pentanone (MIBK)	100	95.9		ug/L		96	64 - 137
Methyl tert-butyl ether	10.0	8.22		ug/L		82	67 - 130
Naphthalene	10.0	11.5		ug/L		115	50 - 136
n-Butylbenzene	10.0	11.0		ug/L		110	61 - 131
N-Propylbenzene	10.0	11.6		ug/L		116	67 - 130
o-Xylene	10.0	10.9		ug/L		109	69 - 130
sec-Butylbenzene	10.0	11.3		ug/L		113	68 - 133
Styrene	10.0	10.8		ug/L		108	68 - 131
tert-Butylbenzene	10.0	11.4		ug/L		114	64 - 130
1,1,1,2-Tetrachloroethane	10.0	11.2		ug/L		112	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.2		ug/L		102	70 - 130
Tetrachloroethene	10.0	10.2		ug/L		102	50 - 143
Toluene	10.0	10.2		ug/L		102	70 - 131
trans-1,2-Dichloroethene	10.0	8.24		ug/L		82	62 - 139
trans-1,3-Dichloropropene	10.0	9.51		ug/L		95	67 - 130
1,2,3-Trichlorobenzene	10.0	11.6		ug/L		116	58 - 132
1,2,4-Trichlorobenzene	10.0	12.3		ug/L		123	66 - 130
1,1,1-Trichloroethane	10.0	8.75		ug/L		87	63 - 132
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	70 - 130
Trichloroethene	10.0	10.1		ug/L		101	63 - 139
Trichlorofluoromethane	10.0	11.6		ug/L		116	62 - 146
1,2,3-Trichloropropane	10.0	11.1		ug/L		111	66 - 130
1,2,4-Trimethylbenzene	10.0	11.6		ug/L		116	70 - 132
1,3,5-Trimethylbenzene	10.0	11.5		ug/L		115	65 - 134
Vinyl chloride	10.0	12.3		ug/L		123	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172526/4
Matrix: Water
Analysis Batch: 172526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: LCSD 660-172526/5
Matrix: Water
Analysis Batch: 172526

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	101		ug/L		101	62 - 142	2	30
Benzene			10.0	9.04		ug/L		90	68 - 134	4	30
Bromobenzene			10.0	10.4		ug/L		104	70 - 130	6	30
Bromoform			10.0	9.36		ug/L		94	65 - 130	13	30
Bromomethane			10.0	10.4		ug/L		104	22 - 150	10	30
2-Butanone (MEK)			100	96.2		ug/L		96	63 - 140	6	30
Carbon disulfide			10.0	2.54	J3	ug/L		25	30 - 150	17	30
Carbon tetrachloride			10.0	8.83		ug/L		88	61 - 134	3	30
Chlorobenzene			10.0	10.6		ug/L		106	70 - 130	0	30
Chlorobromomethane			10.0	8.99		ug/L		90	70 - 130	1	30
Chlorodibromomethane			10.0	8.06		ug/L		81	70 - 130	4	30
Chloroethane			10.0	11.9		ug/L		119	39 - 150	1	30
Chloroform			10.0	9.76		ug/L		98	68 - 130	3	30
Chloromethane			10.0	11.6		ug/L		116	35 - 150	8	30
2-Chlorotoluene			10.0	10.9		ug/L		109	70 - 130	4	30
4-Chlorotoluene			10.0	11.1		ug/L		111	70 - 130	1	30
cis-1,2-Dichloroethene			10.0	9.24		ug/L		92	66 - 130	4	30
cis-1,3-Dichloropropene			10.0	10.1		ug/L		101	70 - 130	1	30
1,2-Dibromo-3-Chloropropane			10.0	8.30		ug/L		83	63 - 130	4	30
Dibromomethane			10.0	9.94		ug/L		99	70 - 130	2	30
1,2-Dichlorobenzene			10.0	11.3		ug/L		113	70 - 130	1	30
1,3-Dichlorobenzene			10.0	11.0		ug/L		110	70 - 130	3	30
1,4-Dichlorobenzene			10.0	11.0		ug/L		110	70 - 130	1	30
Dichlorobromomethane			10.0	9.77		ug/L		98	70 - 130	3	30
Dichlorodifluoromethane			10.0	10.9		ug/L		109	16 - 149	12	30
1,1-Dichloroethane			10.0	8.48		ug/L		85	66 - 130	6	30
1,2-Dichloroethane			10.0	9.44		ug/L		94	70 - 130	5	30
1,1-Dichloroethene			10.0	4.97	J3	ug/L		50	51 - 150	6	30
1,2-Dichloropropane			10.0	9.88		ug/L		99	70 - 130	1	30
1,3-Dichloropropane			10.0	10.2		ug/L		102	70 - 130	2	30
2,2-Dichloropropane			10.0	8.65		ug/L		86	66 - 134	2	30
1,1-Dichloropropene			10.0	8.83		ug/L		88	65 - 136	1	30
Ethylbenzene			10.0	10.3		ug/L		103	70 - 130	4	30
Ethylene Dibromide			10.0	9.96		ug/L		100	66 - 130	5	30
Hexachlorobutadiene			10.0	11.4		ug/L		114	62 - 143	12	30
2-Hexanone			100	98.6		ug/L		99	60 - 148	5	30
Isopropylbenzene			10.0	10.5		ug/L		105	62 - 130	11	30
4-Isopropyltoluene			10.0	11.1		ug/L		111	65 - 134	3	30
Methylene Chloride			10.0	8.68	I	ug/L		87	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)			100	98.8		ug/L		99	64 - 137	3	30
Methyl tert-butyl ether			10.0	8.35		ug/L		84	67 - 130	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172526/5
Matrix: Water
Analysis Batch: 172526

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	11.0		ug/L		110	50 - 136	4	30
n-Butylbenzene			10.0	10.8		ug/L		108	61 - 131	2	30
N-Propylbenzene			10.0	10.5		ug/L		105	67 - 130	10	30
o-Xylene			10.0	10.5		ug/L		105	69 - 130	3	30
sec-Butylbenzene			10.0	10.9		ug/L		109	68 - 133	3	30
Styrene			10.0	11.0		ug/L		110	68 - 131	2	30
tert-Butylbenzene			10.0	11.1		ug/L		111	64 - 130	3	30
1,1,1,2-Tetrachloroethane			10.0	10.7		ug/L		107	70 - 130	4	30
1,1,2,2-Tetrachloroethane			10.0	10.0		ug/L		100	70 - 130	2	30
Tetrachloroethene			10.0	10.1		ug/L		101	50 - 143	2	30
Toluene			10.0	9.95		ug/L		100	70 - 131	2	30
trans-1,2-Dichloroethene			10.0	8.10		ug/L		81	62 - 139	2	30
trans-1,3-Dichloropropene			10.0	9.73		ug/L		97	67 - 130	2	30
1,2,3-Trichlorobenzene			10.0	11.2		ug/L		112	58 - 132	4	30
1,2,4-Trichlorobenzene			10.0	11.3		ug/L		113	66 - 130	9	30
1,1,1-Trichloroethane			10.0	8.78		ug/L		88	63 - 132	0	30
1,1,2-Trichloroethane			10.0	10.2		ug/L		102	70 - 130	0	30
Trichloroethene			10.0	10.1		ug/L		101	63 - 139	0	30
Trichlorofluoromethane			10.0	11.0		ug/L		110	62 - 146	5	30
1,2,3-Trichloropropane			10.0	10.3		ug/L		103	66 - 130	7	30
1,2,4-Trimethylbenzene			10.0	11.2		ug/L		112	70 - 132	3	30
1,3,5-Trimethylbenzene			10.0	10.9		ug/L		109	65 - 134	6	30
Vinyl chloride			10.0	11.1		ug/L		111	48 - 147	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*92*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-75400-2 MS
Matrix: Water
Analysis Batch: 172526

Client Sample ID: EW2002_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	97.6		ug/L		98	62 - 142
Benzene	0.50	U	10.0	9.78		ug/L		98	68 - 134
Bromobenzene	0.58	U	10.0	11.2		ug/L		112	70 - 130
Bromoform	0.63	U	10.0	9.48		ug/L		95	65 - 130
Bromomethane	2.5	U	10.0	8.90		ug/L		89	22 - 150
2-Butanone (MEK)	8.4	U	100	106		ug/L		106	63 - 140
Carbon disulfide	1.0	U J3	10.0	2.52	J3	ug/L		25	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.75		ug/L		98	61 - 134
Chlorobenzene	0.63	U	10.0	10.5		ug/L		105	70 - 130
Chlorobromomethane	0.58	U	10.0	9.26		ug/L		93	70 - 130
Chlorodibromomethane	0.31	U	10.0	7.90		ug/L		79	70 - 130
Chloroethane	2.5	U	10.0	10.4		ug/L		104	39 - 150
Chloroform	0.90	U	10.0	10.2		ug/L		102	68 - 130
Chloromethane	1.0	U	10.0	9.74		ug/L		97	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-2 MS
Matrix: Water
Analysis Batch: 172526

Client Sample ID: EW2002_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	11.6		ug/L		116	70 - 130
4-Chlorotoluene	0.52	U	10.0	11.4		ug/L		114	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.74		ug/L		97	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	10.4		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.80		ug/L		88	63 - 130
Dibromomethane	0.46	U	10.0	9.58		ug/L		96	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.3		ug/L		113	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.2		ug/L		112	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.1		ug/L		111	70 - 130
Dichlorobromomethane	0.44	U	10.0	9.94		ug/L		99	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	9.42		ug/L		94	16 - 149
1,1-Dichloroethane	0.57	I	10.0	9.74		ug/L		92	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.68		ug/L		97	70 - 130
1,1-Dichloroethene	0.67	U J3	10.0	6.08		ug/L		61	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.0		ug/L		100	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.4		ug/L		104	70 - 130
2,2-Dichloropropane	0.36	U	10.0	8.92		ug/L		89	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.37		ug/L		94	65 - 136
Ethylbenzene	0.44	U	10.0	10.5		ug/L		105	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.6		ug/L		106	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.7		ug/L		117	62 - 143
2-Hexanone	4.4	U	100	102		ug/L		102	60 - 148
Isopropylbenzene	0.52	U	10.0	11.8		ug/L		118	62 - 130
4-Isopropyltoluene	0.69	U	10.0	11.6		ug/L		116	65 - 134
Methylene Chloride	5.0	U	10.0	7.85	I	ug/L		79	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	106		ug/L		106	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	8.15		ug/L		81	67 - 130
Naphthalene	2.5	U	10.0	10.5		ug/L		105	50 - 136
n-Butylbenzene	0.67	U	10.0	11.2		ug/L		112	61 - 131
N-Propylbenzene	0.59	U	10.0	11.7		ug/L		117	67 - 130
o-Xylene	0.50	U	10.0	10.8		ug/L		108	69 - 130
sec-Butylbenzene	0.63	U	10.0	11.4		ug/L		114	68 - 133
Styrene	0.98	U	10.0	10.6		ug/L		106	68 - 131
tert-Butylbenzene	0.84	U	10.0	11.7		ug/L		117	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.3		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.4		ug/L		104	70 - 130
Tetrachloroethene	0.50	U	10.0	10.5		ug/L		105	50 - 143
Toluene	0.51	U	10.0	10.1		ug/L		101	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.36		ug/L		84	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.56		ug/L		96	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.4		ug/L		104	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.9		ug/L		109	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.14		ug/L		91	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.2		ug/L		102	70 - 130
Trichloroethene	0.61	U	10.0	10.2		ug/L		102	63 - 139
Trichlorofluoromethane	2.5	U	10.0	10.9		ug/L		109	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	11.0		ug/L		110	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	11.2		ug/L		112	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-2 MS
Matrix: Water
Analysis Batch: 172526

Client Sample ID: EW2002_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	11.3		ug/L		113	65 - 134
Vinyl chloride	0.71	U	10.0	10.4		ug/L		104	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-75400-1 DU
Matrix: Water
Analysis Batch: 172526

Client Sample ID: EW2001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U J3	1.0	U J3	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U J3	0.67	U J3	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-1 DU
Matrix: Water
Analysis Batch: 172526

Client Sample ID: EW2001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 660-172528/7
Matrix: Water
Analysis Batch: 172528

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 12:21	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 12:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 12:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 12:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 12:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/06/16 12:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172528/7
Matrix: Water
Analysis Batch: 172528

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 12:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 12:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 12:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 12:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 12:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 12:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 12:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 12:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 12:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 12:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 12:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 12:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 12:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 12:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 12:21	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 12:21	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:21	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 12:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 12:21	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 12:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 12:21	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 12:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 12:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 12:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 12:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 12:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 12:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 12:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 12:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 12:21	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 12:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 12:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 12:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 12:21	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 12:21	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 12:21	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 12:21	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 12:21	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 12:21	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 12:21	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 12:21	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 12:21	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 12:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 12:21	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 12:21	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 12:21	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 12:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172528/7
Matrix: Water
Analysis Batch: 172528

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 12:21	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 12:21	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 12:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 12:21	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 12:21	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:21	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 12:21	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 12:21	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 12:21	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 12:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*08/06/16 12:21*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/06/16 12:21*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/06/16 12:21*	*1*

Lab Sample ID: LCS 660-172528/4
Matrix: Water
Analysis Batch: 172528

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	108		ug/L		108	62 - 142
Benzene	10.0	10.6		ug/L		106	68 - 134
Bromobenzene	10.0	10.1		ug/L		101	70 - 130
Bromoform	10.0	10.3		ug/L		103	65 - 130
Bromomethane	10.0	11.4		ug/L		114	22 - 150
2-Butanone (MEK)	100	107		ug/L		107	63 - 140
Carbon disulfide	10.0	10.6		ug/L		106	30 - 150
Carbon tetrachloride	10.0	10.5		ug/L		105	61 - 134
Chlorobenzene	10.0	10.4		ug/L		104	70 - 130
Chlorobromomethane	10.0	10.4		ug/L		104	70 - 130
Chlorodibromomethane	10.0	10.5		ug/L		105	70 - 130
Chloroethane	10.0	11.0		ug/L		110	39 - 150
Chloroform	10.0	10.4		ug/L		104	68 - 130
Chloromethane	10.0	12.9		ug/L		129	35 - 150
2-Chlorotoluene	10.0	10.3		ug/L		103	70 - 130
4-Chlorotoluene	10.0	10.4		ug/L		104	70 - 130
cis-1,2-Dichloroethene	10.0	10.9		ug/L		109	66 - 130
cis-1,3-Dichloropropene	10.0	9.18		ug/L		92	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.2		ug/L		102	63 - 130
Dibromomethane	10.0	10.3		ug/L		103	70 - 130
1,2-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
1,3-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130
1,4-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130
Dichlorobromomethane	10.0	10.2		ug/L		102	70 - 130
Dichlorodifluoromethane	10.0	15.4	J3	ug/L		154	16 - 149
1,1-Dichloroethane	10.0	10.5		ug/L		105	66 - 130
1,2-Dichloroethane	10.0	10.5		ug/L		105	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172528/4
Matrix: Water
Analysis Batch: 172528

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	11.4		ug/L		114	51 - 150
1,2-Dichloropropane	10.0	10.9		ug/L		109	70 - 130
1,3-Dichloropropane	10.0	9.83		ug/L		98	70 - 130
2,2-Dichloropropane	10.0	10.4		ug/L		104	66 - 134
1,1-Dichloropropene	10.0	10.7		ug/L		107	65 - 136
Ethylbenzene	10.0	10.5		ug/L		105	70 - 130
Ethylene Dibromide	10.0	10.9		ug/L		109	66 - 130
Hexachlorobutadiene	10.0	10.6		ug/L		106	62 - 143
2-Hexanone	100	109		ug/L		109	60 - 148
Isopropylbenzene	10.0	10.4		ug/L		104	62 - 130
4-Isopropyltoluene	10.0	10.3		ug/L		103	65 - 134
Methylene Chloride	10.0	10.8		ug/L		108	57 - 130
4-Methyl-2-pentanone (MIBK)	100	99.1		ug/L		99	64 - 137
Methyl tert-butyl ether	10.0	10.5		ug/L		105	67 - 130
Naphthalene	10.0	11.0		ug/L		110	50 - 136
n-Butylbenzene	10.0	8.94		ug/L		89	61 - 131
N-Propylbenzene	10.0	10.3		ug/L		103	67 - 130
o-Xylene	10.0	9.99		ug/L		100	69 - 130
sec-Butylbenzene	10.0	10.4		ug/L		104	68 - 133
Styrene	10.0	10.4		ug/L		104	68 - 131
tert-Butylbenzene	10.0	10.3		ug/L		103	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.0		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.0		ug/L		100	70 - 130
Tetrachloroethene	10.0	10.2		ug/L		102	50 - 143
Toluene	10.0	10.4		ug/L		104	70 - 131
trans-1,2-Dichloroethene	10.0	10.5		ug/L		105	62 - 139
trans-1,3-Dichloropropene	10.0	10.0		ug/L		100	67 - 130
1,2,3-Trichlorobenzene	10.0	10.3		ug/L		103	58 - 132
1,2,4-Trichlorobenzene	10.0	10.3		ug/L		103	66 - 130
1,1,1-Trichloroethane	10.0	10.5		ug/L		105	63 - 132
1,1,2-Trichloroethane	10.0	9.47		ug/L		95	70 - 130
Trichloroethene	10.0	10.9		ug/L		109	63 - 139
Trichlorofluoromethane	10.0	11.4		ug/L		114	62 - 146
1,2,3-Trichloropropane	10.0	9.98		ug/L		100	66 - 130
1,2,4-Trimethylbenzene	10.0	10.4		ug/L		104	70 - 132
1,3,5-Trimethylbenzene	10.0	10.4		ug/L		104	65 - 134
Vinyl chloride	10.0	12.8		ug/L		128	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172528/5
Matrix: Water
Analysis Batch: 172528

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	109		ug/L		109	62 - 142	1	30
Benzene	10.0	10.2		ug/L		102	68 - 134	4	30
Bromobenzene	10.0	10.1		ug/L		101	70 - 130	0	30
Bromoform	10.0	10.6		ug/L		106	65 - 130	2	30
Bromomethane	10.0	11.0		ug/L		110	22 - 150	3	30
2-Butanone (MEK)	100	101		ug/L		101	63 - 140	6	30
Carbon disulfide	10.0	10.4		ug/L		104	30 - 150	2	30
Carbon tetrachloride	10.0	9.97		ug/L		100	61 - 134	5	30
Chlorobenzene	10.0	10.2		ug/L		102	70 - 130	2	30
Chlorobromomethane	10.0	10.0		ug/L		100	70 - 130	4	30
Chlorodibromomethane	10.0	10.4		ug/L		104	70 - 130	1	30
Chloroethane	10.0	10.0		ug/L		100	39 - 150	9	30
Chloroform	10.0	9.91		ug/L		99	68 - 130	5	30
Chloromethane	10.0	11.5		ug/L		115	35 - 150	12	30
2-Chlorotoluene	10.0	10.5		ug/L		105	70 - 130	2	30
4-Chlorotoluene	10.0	10.4		ug/L		104	70 - 130	0	30
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	66 - 130	4	30
cis-1,3-Dichloropropene	10.0	9.02		ug/L		90	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	10.0	9.90		ug/L		99	63 - 130	3	30
Dibromomethane	10.0	10.1		ug/L		101	70 - 130	2	30
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130	1	30
1,3-Dichlorobenzene	10.0	10.7		ug/L		107	70 - 130	3	30
1,4-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130	2	30
Dichlorobromomethane	10.0	10.1		ug/L		101	70 - 130	0	30
Dichlorodifluoromethane	10.0	14.1		ug/L		141	16 - 149	9	30
1,1-Dichloroethane	10.0	10.4		ug/L		104	66 - 130	1	30
1,2-Dichloroethane	10.0	10.2		ug/L		102	70 - 130	3	30
1,1-Dichloroethene	10.0	10.6		ug/L		106	51 - 150	7	30
1,2-Dichloropropane	10.0	10.5		ug/L		105	70 - 130	4	30
1,3-Dichloropropane	10.0	9.82		ug/L		98	70 - 130	0	30
2,2-Dichloropropane	10.0	10.2		ug/L		102	66 - 134	2	30
1,1-Dichloropropene	10.0	10.2		ug/L		102	65 - 136	4	30
Ethylbenzene	10.0	10.8		ug/L		108	70 - 130	3	30
Ethylene Dibromide	10.0	10.7		ug/L		107	66 - 130	2	30
Hexachlorobutadiene	10.0	11.3		ug/L		113	62 - 143	6	30
2-Hexanone	100	106		ug/L		106	60 - 148	3	30
Isopropylbenzene	10.0	10.3		ug/L		103	62 - 130	1	30
4-Isopropyltoluene	10.0	10.3		ug/L		103	65 - 134	0	30
Methylene Chloride	10.0	10.6		ug/L		106	57 - 130	1	30
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	64 - 137	3	30
Methyl tert-butyl ether	10.0	10.2		ug/L		102	67 - 130	2	30
Naphthalene	10.0	10.4		ug/L		104	50 - 136	5	30
n-Butylbenzene	10.0	9.36		ug/L		94	61 - 131	5	30
N-Propylbenzene	10.0	10.5		ug/L		105	67 - 130	1	30
o-Xylene	10.0	10.3		ug/L		103	69 - 130	3	30
sec-Butylbenzene	10.0	10.4		ug/L		104	68 - 133	0	30
Styrene	10.0	10.3		ug/L		103	68 - 131	1	30
tert-Butylbenzene	10.0	10.4		ug/L		104	64 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172528/5
Matrix: Water
Analysis Batch: 172528

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			10.0	10.5		ug/L		105	70 - 130	4	30
1,1,2,2-Tetrachloroethane			10.0	10.8		ug/L		108	70 - 130	8	30
Tetrachloroethene			10.0	9.60		ug/L		96	50 - 143	6	30
Toluene			10.0	10.1		ug/L		101	70 - 131	3	30
trans-1,2-Dichloroethene			10.0	10.4		ug/L		104	62 - 139	1	30
trans-1,3-Dichloropropene			10.0	9.95		ug/L		99	67 - 130	1	30
1,2,3-Trichlorobenzene			10.0	10.8		ug/L		108	58 - 132	4	30
1,2,4-Trichlorobenzene			10.0	10.4		ug/L		104	66 - 130	1	30
1,1,1-Trichloroethane			10.0	10.2		ug/L		102	63 - 132	3	30
1,1,2-Trichloroethane			10.0	9.46		ug/L		95	70 - 130	0	30
Trichloroethene			10.0	11.0		ug/L		110	63 - 139	0	30
Trichlorofluoromethane			10.0	11.0		ug/L		110	62 - 146	4	30
1,2,3-Trichloropropane			10.0	8.98		ug/L		90	66 - 130	11	30
1,2,4-Trimethylbenzene			10.0	10.3		ug/L		103	70 - 132	0	30
1,3,5-Trimethylbenzene			10.0	10.6		ug/L		106	65 - 134	2	30
Vinyl chloride			10.0	12.0		ug/L		120	48 - 147	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-75400-22 MS
Matrix: Water
Analysis Batch: 172528

Client Sample ID: EW2022_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	102		ug/L		102	62 - 142
Benzene	0.50	U	10.0	11.2		ug/L		112	68 - 134
Bromobenzene	0.58	U	10.0	10.9		ug/L		109	70 - 130
Bromoform	0.63	U	10.0	10.9		ug/L		109	65 - 130
Bromomethane	2.5	U	10.0	11.6		ug/L		116	22 - 150
2-Butanone (MEK)	8.4	U	100	108		ug/L		108	63 - 140
Carbon disulfide	1.0	U	10.0	11.1		ug/L		111	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.6		ug/L		116	61 - 134
Chlorobenzene	0.63	U	10.0	10.8		ug/L		108	70 - 130
Chlorobromomethane	0.58	U	10.0	11.1		ug/L		111	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.7		ug/L		107	70 - 130
Chloroethane	2.5	U	10.0	9.98		ug/L		100	39 - 150
Chloroform	0.90	U	10.0	11.8		ug/L		118	68 - 130
Chloromethane	1.0	U	10.0	12.7		ug/L		127	35 - 150
2-Chlorotoluene	0.65	U	10.0	11.1		ug/L		111	70 - 130
4-Chlorotoluene	0.52	U	10.0	11.3		ug/L		113	70 - 130
cis-1,2-Dichloroethene	2.1		10.0	13.6		ug/L		115	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.75		ug/L		97	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.82		ug/L		98	63 - 130
Dibromomethane	0.46	U	10.0	10.8		ug/L		108	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.2		ug/L		112	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-22 MS
Matrix: Water
Analysis Batch: 172528

Client Sample ID: EW2022_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.64	U	10.0	11.3		ug/L		113	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.4		ug/L		114	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.2		ug/L		112	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	11.5		ug/L		115	16 - 149
1,1-Dichloroethane	0.52	U	10.0	11.6		ug/L		116	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.4		ug/L		114	70 - 130
1,1-Dichloroethene	0.67	U	10.0	11.6		ug/L		116	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.9		ug/L		109	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.9		ug/L		109	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.5		ug/L		115	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.6		ug/L		116	65 - 136
Ethylbenzene	0.44	U	10.0	10.9		ug/L		109	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.4		ug/L		114	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.6		ug/L		116	62 - 143
2-Hexanone	4.4	U	100	110		ug/L		110	60 - 148
Isopropylbenzene	0.52	U	10.0	11.2		ug/L		112	62 - 130
4-Isopropyltoluene	0.69	U	10.0	11.6		ug/L		116	65 - 134
Methylene Chloride	5.0	U	10.0	10.3		ug/L		103	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	109		ug/L		109	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.9		ug/L		109	67 - 130
Naphthalene	2.5	U	10.0	10.4		ug/L		104	50 - 136
n-Butylbenzene	0.67	U	10.0	9.94		ug/L		99	61 - 131
N-Propylbenzene	0.59	U	10.0	11.2		ug/L		112	67 - 130
o-Xylene	0.50	U	10.0	11.1		ug/L		111	69 - 130
sec-Butylbenzene	0.63	U	10.0	11.7		ug/L		117	68 - 133
Styrene	0.98	U	10.0	11.0		ug/L		110	68 - 131
tert-Butylbenzene	0.84	U	10.0	11.3		ug/L		113	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.1		ug/L		111	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.6		ug/L		106	70 - 130
Tetrachloroethene	1.1		10.0	12.5		ug/L		115	50 - 143
Toluene	0.51	U	10.0	11.8		ug/L		118	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	11.7		ug/L		117	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.4		ug/L		104	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.6		ug/L		106	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.6		ug/L		106	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	11.6		ug/L		116	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.8		ug/L		108	70 - 130
Trichloroethene	2.3		10.0	14.0		ug/L		117	63 - 139
Trichlorofluoromethane	2.5	U	10.0	11.3		ug/L		113	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	11.0		ug/L		110	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	11.3		ug/L		113	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	11.2		ug/L		112	65 - 134
Vinyl chloride	0.71	U	10.0	12.6		ug/L		126	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-75400-21 DU
Matrix: Water
Analysis Batch: 172528

Client Sample ID: EW2021_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Acetone	9.9	U		9.9	U	ug/L				NC	30
Benzene	0.50	U		0.50	U	ug/L				NC	30
Bromobenzene	0.58	U		0.58	U	ug/L				NC	30
Bromoform	0.63	U		0.63	U	ug/L				NC	30
Bromomethane	2.5	U		2.5	U	ug/L				NC	30
2-Butanone (MEK)	8.4	U		8.4	U	ug/L				NC	30
Carbon disulfide	1.0	U		1.0	U	ug/L				NC	30
Carbon tetrachloride	0.43	U		0.43	U	ug/L				NC	30
Chlorobenzene	0.63	U		0.63	U	ug/L				NC	30
Chlorobromomethane	0.58	U		0.58	U	ug/L				NC	30
Chlorodibromomethane	0.31	U		0.31	U	ug/L				NC	30
Chloroethane	2.5	U		2.5	U	ug/L				NC	30
Chloroform	0.90	U		0.90	U	ug/L				NC	30
Chloromethane	1.0	U		1.0	U	ug/L				NC	30
2-Chlorotoluene	0.65	U		0.65	U	ug/L				NC	30
4-Chlorotoluene	0.52	U		0.52	U	ug/L				NC	30
cis-1,2-Dichloroethene	0.65	U		0.65	U	ug/L				NC	30
cis-1,3-Dichloropropene	0.39	U		0.39	U	ug/L				NC	30
1,2-Dibromo-3-Chloropropane	2.5	U		2.5	U	ug/L				NC	30
Dibromomethane	0.46	U		0.46	U	ug/L				NC	30
1,2-Dichlorobenzene	0.49	U		0.49	U	ug/L				NC	30
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U J3		2.5	U J3	ug/L				NC	30
1,1-Dichloroethane	0.55	I		0.555	I	ug/L				0.3	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-21 DU
Matrix: Water
Analysis Batch: 172528

Client Sample ID: EW2021_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	0.17	U	0.17	U	ug/L		NC	30
Tetrachloroethene	1.2		1.13		ug/L		6	30
Toluene	0.51	U	0.51	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
trans-1,3-Dichloropropene	0.27	U	0.27	U	ug/L		NC	30
1,2,3-Trichlorobenzene	0.77	U	0.77	U	ug/L		NC	30
1,2,4-Trichlorobenzene	0.58	U	0.58	U	ug/L		NC	30
1,1,1-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
1,1,2-Trichloroethane	0.47	U	0.47	U	ug/L		NC	30
Trichloroethene	4.7		4.81		ug/L		3	30
Trichlorofluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,2,3-Trichloropropane	0.44	U	0.44	U	ug/L		NC	30
1,2,4-Trimethylbenzene	0.86	U	0.86	U	ug/L		NC	30
1,3,5-Trimethylbenzene	0.54	U	0.54	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 660-172545/7
Matrix: Water
Analysis Batch: 172545

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 09:25	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 09:25	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 09:25	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 09:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 09:25	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 09:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 09:25	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 09:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 09:25	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 09:25	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 09:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 09:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 09:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 09:25	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 09:25	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 09:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/08/16 09:25	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 09:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 09:25	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 09:25	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 09:25	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 09:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172545/7
Matrix: Water
Analysis Batch: 172545

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 09:25	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 09:25	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 09:25	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/08/16 09:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 09:25	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 09:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 09:25	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 09:25	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 09:25	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 09:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 09:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 09:25	1
Hexachlorobutadiene	0.504	I	1.0	0.34	ug/L			08/08/16 09:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 09:25	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 09:25	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 09:25	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 09:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 09:25	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 09:25	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 09:25	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 09:25	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 09:25	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 09:25	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 09:25	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 09:25	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 09:25	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 09:25	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 09:25	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 09:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/08/16 09:25	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 09:25	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 09:25	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 09:25	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 09:25	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 09:25	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 09:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 09:25	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/08/16 09:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 09:25	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 09:25	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 09:25	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 09:25	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 09:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*08/08/16 09:25*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/08/16 09:25*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/08/16 09:25*	*1*

Lab Sample ID: LCS 660-172545/4
Matrix: Water
Analysis Batch: 172545

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	106		ug/L		106	62 - 142
Benzene	10.0	10.1		ug/L		101	68 - 134
Bromobenzene	10.0	10.2		ug/L		102	70 - 130
Bromoform	10.0	9.16		ug/L		92	65 - 130
Bromomethane	10.0	8.96		ug/L		90	22 - 150
2-Butanone (MEK)	100	102		ug/L		102	63 - 140
Carbon disulfide	10.0	9.16		ug/L		92	30 - 150
Carbon tetrachloride	10.0	10.1		ug/L		101	61 - 134
Chlorobenzene	10.0	10.0		ug/L		100	70 - 130
Chlorobromomethane	10.0	10.6		ug/L		106	70 - 130
Chlorodibromomethane	10.0	10.4		ug/L		104	70 - 130
Chloroethane	10.0	11.5		ug/L		115	39 - 150
Chloroform	10.0	11.1		ug/L		111	68 - 130
Chloromethane	10.0	10.6		ug/L		106	35 - 150
2-Chlorotoluene	10.0	9.88		ug/L		99	70 - 130
4-Chlorotoluene	10.0	9.97		ug/L		100	70 - 130
cis-1,2-Dichloroethene	10.0	10.8		ug/L		108	66 - 130
cis-1,3-Dichloropropene	10.0	8.65		ug/L		87	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.76		ug/L		98	63 - 130
Dibromomethane	10.0	10.1		ug/L		101	70 - 130
1,2-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130
1,3-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130
1,4-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130
Dichlorobromomethane	10.0	10.3		ug/L		103	70 - 130
Dichlorodifluoromethane	10.0	9.77		ug/L		98	16 - 149
1,1-Dichloroethane	10.0	10.5		ug/L		105	66 - 130
1,2-Dichloroethane	10.0	10.7		ug/L		107	70 - 130
1,1-Dichloroethene	10.0	10.1		ug/L		101	51 - 150
1,2-Dichloropropane	10.0	10.4		ug/L		104	70 - 130
1,3-Dichloropropane	10.0	9.55		ug/L		95	70 - 130
2,2-Dichloropropane	10.0	11.0		ug/L		110	66 - 134
1,1-Dichloropropene	10.0	9.89		ug/L		99	65 - 136
Ethylbenzene	10.0	10.3		ug/L		103	70 - 130
Ethylene Dibromide	10.0	10.1		ug/L		101	66 - 130
Hexachlorobutadiene	10.0	10.5		ug/L		105	62 - 143
2-Hexanone	100	105		ug/L		105	60 - 148
Isopropylbenzene	10.0	9.87		ug/L		99	62 - 130
4-Isopropyltoluene	10.0	10.1		ug/L		101	65 - 134
Methylene Chloride	10.0	10.3		ug/L		103	57 - 130
4-Methyl-2-pentanone (MIBK)	100	98.7		ug/L		99	64 - 137
Methyl tert-butyl ether	10.0	9.90		ug/L		99	67 - 130
Naphthalene	10.0	10.0		ug/L		100	50 - 136
n-Butylbenzene	10.0	8.99		ug/L		90	61 - 131
N-Propylbenzene	10.0	10.0		ug/L		100	67 - 130
o-Xylene	10.0	10.2		ug/L		102	69 - 130
sec-Butylbenzene	10.0	10.2		ug/L		102	68 - 133
Styrene	10.0	10.6		ug/L		106	68 - 131
tert-Butylbenzene	10.0	9.66		ug/L		97	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.2		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.15		ug/L		91	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172545/4
Matrix: Water
Analysis Batch: 172545

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	10.0	9.99		ug/L		100	50 - 143
Toluene	10.0	10.7		ug/L		107	70 - 131
trans-1,2-Dichloroethene	10.0	9.54		ug/L		95	62 - 139
trans-1,3-Dichloropropene	10.0	9.88		ug/L		99	67 - 130
1,2,3-Trichlorobenzene	10.0	10.2		ug/L		102	58 - 132
1,2,4-Trichlorobenzene	10.0	10.0		ug/L		100	66 - 130
1,1,1-Trichloroethane	10.0	10.6		ug/L		106	63 - 132
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	70 - 130
Trichloroethene	10.0	10.0		ug/L		100	63 - 139
Trichlorofluoromethane	10.0	10.6		ug/L		106	62 - 146
1,2,3-Trichloropropane	10.0	8.56		ug/L		86	66 - 130
1,2,4-Trimethylbenzene	10.0	10.1		ug/L		101	70 - 132
1,3,5-Trimethylbenzene	10.0	10.0		ug/L		100	65 - 134
Vinyl chloride	10.0	10.8		ug/L		108	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 660-172545/6
Matrix: Water
Analysis Batch: 172545

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	105		ug/L		105	62 - 142	1	30
Benzene	10.0	9.79		ug/L		98	68 - 134	3	30
Bromobenzene	10.0	10.0		ug/L		100	70 - 130	2	30
Bromoform	10.0	9.53		ug/L		95	65 - 130	4	30
Bromomethane	10.0	8.20		ug/L		82	22 - 150	9	30
2-Butanone (MEK)	100	101		ug/L		101	63 - 140	1	30
Carbon disulfide	10.0	8.08		ug/L		81	30 - 150	13	30
Carbon tetrachloride	10.0	9.61		ug/L		96	61 - 134	5	30
Chlorobenzene	10.0	9.76		ug/L		98	70 - 130	3	30
Chlorobromomethane	10.0	10.4		ug/L		104	70 - 130	2	30
Chlorodibromomethane	10.0	10.6		ug/L		106	70 - 130	2	30
Chloroethane	10.0	9.19		ug/L		92	39 - 150	23	30
Chloroform	10.0	10.2		ug/L		102	68 - 130	8	30
Chloromethane	10.0	9.02		ug/L		90	35 - 150	16	30
2-Chlorotoluene	10.0	9.42		ug/L		94	70 - 130	5	30
4-Chlorotoluene	10.0	8.85		ug/L		89	70 - 130	12	30
cis-1,2-Dichloroethene	10.0	10.2		ug/L		102	66 - 130	6	30
cis-1,3-Dichloropropene	10.0	8.69		ug/L		87	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	10.0	8.48		ug/L		85	63 - 130	14	30
Dibromomethane	10.0	10.4		ug/L		104	70 - 130	3	30
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130	4	30
1,3-Dichlorobenzene	10.0	9.83		ug/L		98	70 - 130	4	30
1,4-Dichlorobenzene	10.0	9.83		ug/L		98	70 - 130	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172545/6
Matrix: Water
Analysis Batch: 172545

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	10.0	10.1		ug/L		101	70 - 130	2	30
Dichlorodifluoromethane	10.0	8.69		ug/L		87	16 - 149	12	30
1,1-Dichloroethane	10.0	10.1		ug/L		101	66 - 130	5	30
1,2-Dichloroethane	10.0	11.1		ug/L		111	70 - 130	4	30
1,1-Dichloroethene	10.0	8.95		ug/L		89	51 - 150	12	30
1,2-Dichloropropane	10.0	10.1		ug/L		101	70 - 130	3	30
1,3-Dichloropropane	10.0	9.81		ug/L		98	70 - 130	3	30
2,2-Dichloropropane	10.0	10.4		ug/L		104	66 - 134	5	30
1,1-Dichloropropene	10.0	10.2		ug/L		102	65 - 136	3	30
Ethylbenzene	10.0	10.5		ug/L		105	70 - 130	2	30
Ethylene Dibromide	10.0	10.4		ug/L		104	66 - 130	3	30
Hexachlorobutadiene	10.0	9.93		ug/L		99	62 - 143	6	30
2-Hexanone	100	109		ug/L		109	60 - 148	4	30
Isopropylbenzene	10.0	9.70		ug/L		97	62 - 130	2	30
4-Isopropyltoluene	10.0	10.0		ug/L		100	65 - 134	1	30
Methylene Chloride	10.0	9.98	I	ug/L		100	57 - 130	3	30
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	64 - 137	4	30
Methyl tert-butyl ether	10.0	9.87		ug/L		99	67 - 130	0	30
Naphthalene	10.0	9.84		ug/L		98	50 - 136	2	30
n-Butylbenzene	10.0	8.52		ug/L		85	61 - 131	5	30
N-Propylbenzene	10.0	9.62		ug/L		96	67 - 130	4	30
o-Xylene	10.0	9.91		ug/L		99	69 - 130	3	30
sec-Butylbenzene	10.0	9.55		ug/L		95	68 - 133	7	30
Styrene	10.0	10.1		ug/L		101	68 - 131	5	30
tert-Butylbenzene	10.0	9.81		ug/L		98	64 - 130	2	30
1,1,1,2-Tetrachloroethane	10.0	9.80		ug/L		98	70 - 130	4	30
1,1,2,2-Tetrachloroethane	10.0	9.46		ug/L		95	70 - 130	3	30
Tetrachloroethene	10.0	9.03		ug/L		90	50 - 143	10	30
Toluene	10.0	9.86		ug/L		99	70 - 131	8	30
trans-1,2-Dichloroethene	10.0	9.21		ug/L		92	62 - 139	4	30
trans-1,3-Dichloropropene	10.0	9.56		ug/L		96	67 - 130	3	30
1,2,3-Trichlorobenzene	10.0	9.77		ug/L		98	58 - 132	4	30
1,2,4-Trichlorobenzene	10.0	9.66		ug/L		97	66 - 130	3	30
1,1,1-Trichloroethane	10.0	10.5		ug/L		105	63 - 132	1	30
1,1,2-Trichloroethane	10.0	9.54		ug/L		95	70 - 130	6	30
Trichloroethene	10.0	9.38		ug/L		94	63 - 139	7	30
Trichlorofluoromethane	10.0	10.1		ug/L		101	62 - 146	5	30
1,2,3-Trichloropropane	10.0	8.27		ug/L		83	66 - 130	3	30
1,2,4-Trimethylbenzene	10.0	9.70		ug/L		97	70 - 132	4	30
1,3,5-Trimethylbenzene	10.0	9.84		ug/L		98	65 - 134	2	30
Vinyl chloride	10.0	9.99		ug/L		100	48 - 147	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-42 MS
Matrix: Water
Analysis Batch: 172545

Client Sample ID: EW3001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	109		ug/L		109	62 - 142
Benzene	0.50	U	10.0	11.2		ug/L		112	68 - 134
Bromobenzene	0.58	U	10.0	11.3		ug/L		113	70 - 130
Bromoform	0.63	U	10.0	11.5		ug/L		115	65 - 130
Bromomethane	2.5	U	10.0	8.90		ug/L		89	22 - 150
2-Butanone (MEK)	8.4	U	100	106		ug/L		106	63 - 140
Carbon disulfide	1.0	U	10.0	10.4		ug/L		104	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.8		ug/L		118	61 - 134
Chlorobenzene	0.63	U	10.0	11.5		ug/L		115	70 - 130
Chlorobromomethane	0.58	U	10.0	11.4		ug/L		114	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.9		ug/L		109	70 - 130
Chloroethane	2.5	U	10.0	12.0		ug/L		120	39 - 150
Chloroform	0.90	U	10.0	12.0		ug/L		120	68 - 130
Chloromethane	1.0	U	10.0	13.7		ug/L		137	35 - 150
2-Chlorotoluene	0.65	U	10.0	11.0		ug/L		110	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.9		ug/L		109	70 - 130
cis-1,2-Dichloroethene	3.6	J3	10.0	16.8	J3	ug/L		132	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.52		ug/L		95	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.8		ug/L		108	63 - 130
Dibromomethane	0.46	U	10.0	10.5		ug/L		105	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.7		ug/L		117	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.2		ug/L		112	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.7		ug/L		117	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.1		ug/L		111	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	16.3	J3	ug/L		163	16 - 149
1,1-Dichloroethane	6.3		10.0	17.7		ug/L		114	66 - 130
1,2-Dichloroethane	0.57	U	10.0	12.1		ug/L		121	70 - 130
1,1-Dichloroethene	5.4		10.0	17.3		ug/L		119	51 - 150
1,2-Dichloropropane	0.52	U	10.0	11.3		ug/L		113	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.5		ug/L		105	70 - 130
2,2-Dichloropropane	0.36	U	10.0	12.0		ug/L		120	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.7		ug/L		117	65 - 136
Ethylbenzene	0.44	U	10.0	11.8		ug/L		118	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.8		ug/L		108	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.5		ug/L		115	62 - 143
2-Hexanone	4.4	U	100	116		ug/L		116	60 - 148
Isopropylbenzene	0.52	U	10.0	11.2		ug/L		112	62 - 130
4-Isopropyltoluene	0.69	U	10.0	11.7		ug/L		117	65 - 134
Methylene Chloride	5.0	U	10.0	10.5		ug/L		105	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	109		ug/L		109	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.4		ug/L		104	67 - 130
Naphthalene	2.5	U	10.0	10.5		ug/L		105	50 - 136
n-Butylbenzene	0.67	U	10.0	10.0		ug/L		100	61 - 131
N-Propylbenzene	0.59	U	10.0	11.1		ug/L		111	67 - 130
o-Xylene	0.50	U	10.0	11.4		ug/L		114	69 - 130
sec-Butylbenzene	0.63	U	10.0	11.5		ug/L		115	68 - 133
Styrene	0.98	U	10.0	11.9		ug/L		119	68 - 131
tert-Butylbenzene	0.84	U	10.0	11.7		ug/L		117	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-42 MS
Matrix: Water
Analysis Batch: 172545

Client Sample ID: EW3001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.9		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.3		ug/L		103	70 - 130
Tetrachloroethene	0.50	U	10.0	11.1		ug/L		111	50 - 143
Toluene	0.51	U	10.0	11.6		ug/L		116	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	11.3		ug/L		113	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.5		ug/L		105	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	11.3		ug/L		113	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.5		ug/L		105	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.2		ug/L		122	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.6		ug/L		106	70 - 130
Trichloroethene	0.61	U	10.0	12.7		ug/L		127	63 - 139
Trichlorofluoromethane	2.5	U	10.0	13.3		ug/L		133	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.38		ug/L		94	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	11.3		ug/L		113	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	11.4		ug/L		114	65 - 134
Vinyl chloride	0.71	U	10.0	14.3		ug/L		143	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-75400-41 DU
Matrix: Water
Analysis Batch: 172545

Client Sample ID: EW2104_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-41 DU
Matrix: Water
Analysis Batch: 172545

Client Sample ID: EW2104_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	2.3			2.40		ug/L				5	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	2.2			2.02		ug/L				10	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	4.1			3.83		ug/L				6	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	1.9			1.84		ug/L				3	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-41 DU
Matrix: Water
Analysis Batch: 172545

Client Sample ID: EW2104_INF
Prep Type: Total/NA

Surrogate	DU %Recovery	DU Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: MB 660-172547/7
Matrix: Water
Analysis Batch: 172547

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/08/16 09:32	1
Benzene	0.50	U	1.0	0.50	ug/L			08/08/16 09:32	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 09:32	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/08/16 09:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/08/16 09:32	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/08/16 09:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/08/16 09:32	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/08/16 09:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/08/16 09:32	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/08/16 09:32	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/08/16 09:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/08/16 09:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/08/16 09:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/08/16 09:32	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/08/16 09:32	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/08/16 09:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/08/16 09:32	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/08/16 09:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/08/16 09:32	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/08/16 09:32	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/08/16 09:32	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/08/16 09:32	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/08/16 09:32	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/08/16 09:32	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 09:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/08/16 09:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/08/16 09:32	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 09:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/08/16 09:32	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/08/16 09:32	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/08/16 09:32	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/08/16 09:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/08/16 09:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/08/16 09:32	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/08/16 09:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/08/16 09:32	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/08/16 09:32	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/08/16 09:32	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/08/16 09:32	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/08/16 09:32	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/08/16 09:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172547/7
Matrix: Water
Analysis Batch: 172547

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/08/16 09:32	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/08/16 09:32	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/08/16 09:32	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/08/16 09:32	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/08/16 09:32	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/08/16 09:32	1
Styrene	0.98	U	2.0	0.98	ug/L			08/08/16 09:32	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/08/16 09:32	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/08/16 09:32	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/08/16 09:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/08/16 09:32	1
Toluene	0.51	U	1.0	0.51	ug/L			08/08/16 09:32	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/08/16 09:32	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/08/16 09:32	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/08/16 09:32	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/08/16 09:32	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 09:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/08/16 09:32	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/08/16 09:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/08/16 09:32	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/08/16 09:32	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/08/16 09:32	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/08/16 09:32	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/08/16 09:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/08/16 09:32*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/08/16 09:32*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/08/16 09:32*	*1*

Lab Sample ID: LCS 660-172547/4
Matrix: Water
Analysis Batch: 172547

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	89.0		ug/L		89	62 - 142
Benzene	10.0	10.5		ug/L		105	68 - 134
Bromobenzene	10.0	9.88		ug/L		99	70 - 130
Bromoform	10.0	9.09		ug/L		91	65 - 130
Bromomethane	10.0	12.2		ug/L		122	22 - 150
2-Butanone (MEK)	100	93.5		ug/L		94	63 - 140
Carbon disulfide	10.0	8.86		ug/L		89	30 - 150
Carbon tetrachloride	10.0	9.56		ug/L		96	61 - 134
Chlorobenzene	10.0	10.3		ug/L		103	70 - 130
Chlorobromomethane	10.0	9.85		ug/L		99	70 - 130
Chlorodibromomethane	10.0	7.66		ug/L		77	70 - 130
Chloroethane	10.0	12.3		ug/L		123	39 - 150
Chloroform	10.0	9.97		ug/L		100	68 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172547/4
Matrix: Water
Analysis Batch: 172547

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	10.7		ug/L		107	35 - 150
2-Chlorotoluene	10.0	10.2		ug/L		102	70 - 130
4-Chlorotoluene	10.0	10.1		ug/L		101	70 - 130
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	66 - 130
cis-1,3-Dichloropropene	10.0	9.97		ug/L		100	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	7.55		ug/L		75	63 - 130
Dibromomethane	10.0	9.91		ug/L		99	70 - 130
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,3-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130
1,4-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
Dichlorobromomethane	10.0	9.73		ug/L		97	70 - 130
Dichlorodifluoromethane	10.0	7.80		ug/L		78	16 - 149
1,1-Dichloroethane	10.0	10.6		ug/L		106	66 - 130
1,2-Dichloroethane	10.0	9.23		ug/L		92	70 - 130
1,1-Dichloroethene	10.0	10.6		ug/L		106	51 - 150
1,2-Dichloropropane	10.0	10.1		ug/L		101	70 - 130
1,3-Dichloropropane	10.0	9.52		ug/L		95	70 - 130
2,2-Dichloropropane	10.0	9.74		ug/L		97	66 - 134
1,1-Dichloropropene	10.0	10.2		ug/L		102	65 - 136
Ethylbenzene	10.0	10.1		ug/L		101	70 - 130
Ethylene Dibromide	10.0	9.40		ug/L		94	66 - 130
Hexachlorobutadiene	10.0	10.7		ug/L		107	62 - 143
2-Hexanone	100	91.2		ug/L		91	60 - 148
Isopropylbenzene	10.0	10.3		ug/L		103	62 - 130
4-Isopropyltoluene	10.0	10.8		ug/L		108	65 - 134
Methylene Chloride	10.0	10.8		ug/L		108	57 - 130
4-Methyl-2-pentanone (MIBK)	100	92.0		ug/L		92	64 - 137
Methyl tert-butyl ether	10.0	9.33		ug/L		93	67 - 130
Naphthalene	10.0	9.80		ug/L		98	50 - 136
n-Butylbenzene	10.0	10.4		ug/L		104	61 - 131
N-Propylbenzene	10.0	10.3		ug/L		103	67 - 130
o-Xylene	10.0	10.5		ug/L		105	69 - 130
sec-Butylbenzene	10.0	10.1		ug/L		101	68 - 133
Styrene	10.0	10.4		ug/L		104	68 - 131
tert-Butylbenzene	10.0	10.1		ug/L		101	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.3		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.87		ug/L		89	70 - 130
Tetrachloroethene	10.0	10.3		ug/L		103	50 - 143
Toluene	10.0	10.3		ug/L		103	70 - 131
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	62 - 139
trans-1,3-Dichloropropene	10.0	8.97		ug/L		90	67 - 130
1,2,3-Trichlorobenzene	10.0	10.0		ug/L		100	58 - 132
1,2,4-Trichlorobenzene	10.0	10.2		ug/L		102	66 - 130
1,1,1-Trichloroethane	10.0	9.48		ug/L		95	63 - 132
1,1,2-Trichloroethane	10.0	9.76		ug/L		98	70 - 130
Trichloroethene	10.0	10.5		ug/L		105	63 - 139
Trichlorofluoromethane	10.0	10.0		ug/L		100	62 - 146
1,2,3-Trichloropropane	10.0	9.20		ug/L		92	66 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172547/4
Matrix: Water
Analysis Batch: 172547

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	10.0	10.1		ug/L		101	70 - 132
1,3,5-Trimethylbenzene	10.0	9.73		ug/L		97	65 - 134
Vinyl chloride	10.0	10.9		ug/L		109	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*94*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 660-172547/5
Matrix: Water
Analysis Batch: 172547

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	99.4		ug/L		99	62 - 142	11	30
Benzene	10.0	10.3		ug/L		103	68 - 134	2	30
Bromobenzene	10.0	10.6		ug/L		106	70 - 130	7	30
Bromoform	10.0	9.50		ug/L		95	65 - 130	4	30
Bromomethane	10.0	10.0		ug/L		100	22 - 150	20	30
2-Butanone (MEK)	100	99.3		ug/L		99	63 - 140	6	30
Carbon disulfide	10.0	8.73		ug/L		87	30 - 150	1	30
Carbon tetrachloride	10.0	9.65		ug/L		96	61 - 134	1	30
Chlorobenzene	10.0	9.95		ug/L		100	70 - 130	3	30
Chlorobromomethane	10.0	9.88		ug/L		99	70 - 130	0	30
Chlorodibromomethane	10.0	8.65		ug/L		86	70 - 130	12	30
Chloroethane	10.0	11.6		ug/L		116	39 - 150	5	30
Chloroform	10.0	9.70		ug/L		97	68 - 130	3	30
Chloromethane	10.0	9.99		ug/L		100	35 - 150	7	30
2-Chlorotoluene	10.0	10.4		ug/L		104	70 - 130	1	30
4-Chlorotoluene	10.0	10.2		ug/L		102	70 - 130	1	30
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	66 - 130	1	30
cis-1,3-Dichloropropene	10.0	10.7		ug/L		107	70 - 130	7	30
1,2-Dibromo-3-Chloropropane	10.0	8.07		ug/L		81	63 - 130	7	30
Dibromomethane	10.0	10.7		ug/L		107	70 - 130	7	30
1,2-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130	1	30
1,3-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130	2	30
1,4-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130	3	30
Dichlorobromomethane	10.0	9.93		ug/L		99	70 - 130	2	30
Dichlorodifluoromethane	10.0	7.67		ug/L		77	16 - 149	2	30
1,1-Dichloroethane	10.0	10.2		ug/L		102	66 - 130	3	30
1,2-Dichloroethane	10.0	9.16		ug/L		92	70 - 130	1	30
1,1-Dichloroethene	10.0	10.2		ug/L		102	51 - 150	3	30
1,2-Dichloropropane	10.0	10.7		ug/L		107	70 - 130	6	30
1,3-Dichloropropane	10.0	10.7		ug/L		107	70 - 130	12	30
2,2-Dichloropropane	10.0	9.46		ug/L		95	66 - 134	3	30
1,1-Dichloropropene	10.0	9.91		ug/L		99	65 - 136	3	30
Ethylbenzene	10.0	10.2		ug/L		102	70 - 130	1	30
Ethylene Dibromide	10.0	10.4		ug/L		104	66 - 130	10	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172547/5
Matrix: Water
Analysis Batch: 172547

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	10.0	10.1		ug/L		101	62 - 143	5	30
2-Hexanone	100	114		ug/L		114	60 - 148	22	30
Isopropylbenzene	10.0	10.5		ug/L		105	62 - 130	2	30
4-Isopropyltoluene	10.0	10.6		ug/L		106	65 - 134	2	30
Methylene Chloride	10.0	10.4		ug/L		104	57 - 130	3	30
4-Methyl-2-pentanone (MIBK)	100	114		ug/L		114	64 - 137	21	30
Methyl tert-butyl ether	10.0	9.91		ug/L		99	67 - 130	6	30
Naphthalene	10.0	10.3		ug/L		103	50 - 136	5	30
n-Butylbenzene	10.0	10.2		ug/L		102	61 - 131	2	30
N-Propylbenzene	10.0	10.6		ug/L		106	67 - 130	3	30
o-Xylene	10.0	10.4		ug/L		104	69 - 130	1	30
sec-Butylbenzene	10.0	10.3		ug/L		103	68 - 133	2	30
Styrene	10.0	10.3		ug/L		103	68 - 131	2	30
tert-Butylbenzene	10.0	10.2		ug/L		102	64 - 130	1	30
1,1,1,2-Tetrachloroethane	10.0	9.90		ug/L		99	70 - 130	4	30
1,1,2,2-Tetrachloroethane	10.0	10.0		ug/L		100	70 - 130	12	30
Tetrachloroethene	10.0	11.1		ug/L		111	50 - 143	7	30
Toluene	10.0	11.1		ug/L		111	70 - 131	8	30
trans-1,2-Dichloroethene	10.0	10.4		ug/L		104	62 - 139	5	30
trans-1,3-Dichloropropene	10.0	10.3		ug/L		103	67 - 130	14	30
1,2,3-Trichlorobenzene	10.0	10.2		ug/L		102	58 - 132	2	30
1,2,4-Trichlorobenzene	10.0	10.5		ug/L		105	66 - 130	3	30
1,1,1-Trichloroethane	10.0	9.47		ug/L		95	63 - 132	0	30
1,1,2-Trichloroethane	10.0	11.2		ug/L		112	70 - 130	14	30
Trichloroethene	10.0	10.8		ug/L		108	63 - 139	3	30
Trichlorofluoromethane	10.0	10.0		ug/L		100	62 - 146	0	30
1,2,3-Trichloropropane	10.0	9.57		ug/L		96	66 - 130	4	30
1,2,4-Trimethylbenzene	10.0	10.5		ug/L		105	70 - 132	4	30
1,3,5-Trimethylbenzene	10.0	10.1		ug/L		101	65 - 134	4	30
Vinyl chloride	10.0	10.4		ug/L		104	48 - 147	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*94*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: 660-75365-C-6 MS
Matrix: Water
Analysis Batch: 172547

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	98.4		ug/L		98	62 - 142
Benzene	0.50	U	10.0	11.9		ug/L		119	68 - 134
Bromobenzene	0.58	U	10.0	11.5		ug/L		115	70 - 130
Bromoform	0.63	U	10.0	9.79		ug/L		98	65 - 130
Bromomethane	2.5	U	10.0	10.5		ug/L		105	22 - 150
2-Butanone (MEK)	8.4	U	100	98.4		ug/L		98	63 - 140
Carbon disulfide	1.0	U	10.0	9.40		ug/L		94	30 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75365-C-6 MS
Matrix: Water
Analysis Batch: 172547

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	0.43	U	10.0	11.2		ug/L		112	61 - 134
Chlorobenzene	0.63	U	10.0	11.2		ug/L		112	70 - 130
Chlorobromomethane	0.58	U	10.0	10.7		ug/L		107	70 - 130
Chlorodibromomethane	0.31	U	10.0	8.89		ug/L		89	70 - 130
Chloroethane	2.5	U	10.0	12.1		ug/L		121	39 - 150
Chloroform	0.90	U	10.0	11.2		ug/L		112	68 - 130
Chloromethane	1.0	U	10.0	10.3		ug/L		103	35 - 150
2-Chlorotoluene	0.65	U	10.0	11.4		ug/L		114	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.9		ug/L		109	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	11.2		ug/L		112	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	11.7		ug/L		117	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.60		ug/L		86	63 - 130
Dibromomethane	0.46	U	10.0	11.2		ug/L		112	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.0		ug/L		110	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.1		ug/L		111	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.0		ug/L		110	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.8		ug/L		108	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	8.82		ug/L		88	16 - 149
1,1-Dichloroethane	0.52	U	10.0	11.3		ug/L		113	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.1		ug/L		101	70 - 130
1,1-Dichloroethene	0.67	U	10.0	11.7		ug/L		117	51 - 150
1,2-Dichloropropane	0.52	U	10.0	11.0		ug/L		110	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.3		ug/L		113	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.7		ug/L		107	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.5		ug/L		115	65 - 136
Ethylbenzene	0.44	U	10.0	11.3		ug/L		113	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.3		ug/L		113	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.9		ug/L		109	62 - 143
2-Hexanone	4.4	U	100	109		ug/L		109	60 - 148
Isopropylbenzene	0.52	U	10.0	11.9		ug/L		119	62 - 130
4-Isopropyltoluene	0.69	U	10.0	11.4		ug/L		114	65 - 134
Methylene Chloride	5.0	U	10.0	11.1		ug/L		111	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	109		ug/L		109	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.2		ug/L		102	67 - 130
Naphthalene	2.5	U	10.0	10.5		ug/L		105	50 - 136
n-Butylbenzene	0.67	U	10.0	10.9		ug/L		109	61 - 131
N-Propylbenzene	0.59	U	10.0	11.6		ug/L		116	67 - 130
o-Xylene	0.50	U	10.0	11.3		ug/L		113	69 - 130
sec-Butylbenzene	0.63	U	10.0	11.5		ug/L		115	68 - 133
Styrene	0.98	U	10.0	11.3		ug/L		113	68 - 131
tert-Butylbenzene	0.84	U	10.0	11.4		ug/L		114	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.8		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.5		ug/L		105	70 - 130
Tetrachloroethene	0.50	U	10.0	12.6		ug/L		126	50 - 143
Toluene	0.51	U	10.0	12.3		ug/L		123	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	12.0		ug/L		120	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.5		ug/L		105	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.5		ug/L		105	58 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75365-C-6 MS
Matrix: Water
Analysis Batch: 172547

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	0.58	U	10.0	10.5		ug/L		105	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	11.1		ug/L		111	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	11.5		ug/L		115	70 - 130
Trichloroethene	0.61	U	10.0	12.2		ug/L		122	63 - 139
Trichlorofluoromethane	2.5	U	10.0	11.3		ug/L		113	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.2		ug/L		102	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	11.2		ug/L		112	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	11.2		ug/L		112	65 - 134
Vinyl chloride	0.71	U	10.0	11.2		ug/L		112	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*96*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: 660-75365-C-1 DU
Matrix: Water
Analysis Batch: 172547

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75365-C-1 DU
Matrix: Water
Analysis Batch: 172547

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172594/7
Matrix: Water
Analysis Batch: 172594

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 09:27	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 09:27	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 09:27	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 09:27	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 09:27	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 09:27	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 09:27	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 09:27	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 09:27	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 09:27	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 09:27	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 09:27	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 09:27	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 09:27	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 09:27	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 09:27	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 09:27	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 09:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 09:27	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 09:27	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 09:27	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 09:27	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 09:27	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 09:27	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 09:27	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 09:27	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 09:27	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 09:27	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 09:27	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 09:27	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 09:27	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 09:27	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 09:27	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 09:27	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 09:27	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 09:27	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 09:27	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 09:27	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 09:27	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 09:27	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 09:27	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 09:27	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/09/16 09:27	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 09:27	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 09:27	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 09:27	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 09:27	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 09:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172594/7
Matrix: Water
Analysis Batch: 172594

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 09:27	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 09:27	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 09:27	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 09:27	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 09:27	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 09:27	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 09:27	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 09:27	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 09:27	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 09:27	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 09:27	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 09:27	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 09:27	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 09:27	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 09:27	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 09:27	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 09:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/09/16 09:27*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*08/09/16 09:27*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/09/16 09:27*	*1*

Lab Sample ID: LCS 660-172594/4
Matrix: Water
Analysis Batch: 172594

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	109		ug/L		109	62 - 142
Benzene	10.0	9.43		ug/L		94	68 - 134
Bromobenzene	10.0	9.94		ug/L		99	70 - 130
Bromoform	10.0	10.2		ug/L		102	65 - 130
Bromomethane	10.0	7.16		ug/L		72	22 - 150
2-Butanone (MEK)	100	102		ug/L		102	63 - 140
Carbon disulfide	10.0	8.36		ug/L		84	30 - 150
Carbon tetrachloride	10.0	10.1		ug/L		101	61 - 134
Chlorobenzene	10.0	10.3		ug/L		103	70 - 130
Chlorobromomethane	10.0	9.78		ug/L		98	70 - 130
Chlorodibromomethane	10.0	10.3		ug/L		103	70 - 130
Chloroethane	10.0	8.90		ug/L		89	39 - 150
Chloroform	10.0	10.6		ug/L		106	68 - 130
Chloromethane	10.0	9.02		ug/L		90	35 - 150
2-Chlorotoluene	10.0	9.84		ug/L		98	70 - 130
4-Chlorotoluene	10.0	10.0		ug/L		100	70 - 130
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	66 - 130
cis-1,3-Dichloropropene	10.0	8.45		ug/L		84	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.72		ug/L		87	63 - 130
Dibromomethane	10.0	10.5		ug/L		105	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172594/4
Matrix: Water
Analysis Batch: 172594

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,3-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
Dichlorobromomethane	10.0	10.2		ug/L		102	70 - 130
Dichlorodifluoromethane	10.0	7.90		ug/L		79	16 - 149
1,1-Dichloroethane	10.0	9.91		ug/L		99	66 - 130
1,2-Dichloroethane	10.0	10.6		ug/L		106	70 - 130
1,1-Dichloroethene	10.0	9.41		ug/L		94	51 - 150
1,2-Dichloropropane	10.0	9.32		ug/L		93	70 - 130
1,3-Dichloropropane	10.0	10.1		ug/L		101	70 - 130
2,2-Dichloropropane	10.0	9.97		ug/L		100	66 - 134
1,1-Dichloropropene	10.0	10.0		ug/L		100	65 - 136
Ethylbenzene	10.0	10.1		ug/L		101	70 - 130
Ethylene Dibromide	10.0	10.7		ug/L		107	66 - 130
Hexachlorobutadiene	10.0	11.0		ug/L		110	62 - 143
2-Hexanone	100	107		ug/L		107	60 - 148
Isopropylbenzene	10.0	9.67		ug/L		97	62 - 130
4-Isopropyltoluene	10.0	9.94		ug/L		99	65 - 134
Methylene Chloride	10.0	9.88	I	ug/L		99	57 - 130
4-Methyl-2-pentanone (MIBK)	100	99.8		ug/L		100	64 - 137
Methyl tert-butyl ether	10.0	10.1		ug/L		101	67 - 130
Naphthalene	10.0	6.87		ug/L		69	50 - 136
n-Butylbenzene	10.0	8.84		ug/L		88	61 - 131
N-Propylbenzene	10.0	9.84		ug/L		98	67 - 130
o-Xylene	10.0	10.2		ug/L		102	69 - 130
sec-Butylbenzene	10.0	10.1		ug/L		101	68 - 133
Styrene	10.0	10.6		ug/L		106	68 - 131
tert-Butylbenzene	10.0	10.1		ug/L		101	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.3		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.2		ug/L		102	70 - 130
Tetrachloroethene	10.0	9.97		ug/L		100	50 - 143
Toluene	10.0	10.0		ug/L		100	70 - 131
trans-1,2-Dichloroethene	10.0	9.21		ug/L		92	62 - 139
trans-1,3-Dichloropropene	10.0	9.92		ug/L		99	67 - 130
1,2,3-Trichlorobenzene	10.0	10.8		ug/L		108	58 - 132
1,2,4-Trichlorobenzene	10.0	9.94		ug/L		99	66 - 130
1,1,1-Trichloroethane	10.0	10.5		ug/L		105	63 - 132
1,1,2-Trichloroethane	10.0	9.95		ug/L		100	70 - 130
Trichloroethene	10.0	10.7		ug/L		107	63 - 139
Trichlorofluoromethane	10.0	9.96		ug/L		100	62 - 146
1,2,3-Trichloropropane	10.0	9.96		ug/L		100	66 - 130
1,2,4-Trimethylbenzene	10.0	10.0		ug/L		100	70 - 132
1,3,5-Trimethylbenzene	10.0	10.0		ug/L		100	65 - 134
Vinyl chloride	10.0	8.97		ug/L		90	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172594/4
Matrix: Water
Analysis Batch: 172594

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: LCSD 660-172594/5
Matrix: Water
Analysis Batch: 172594

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	114		ug/L		114	62 - 142	5	30
Benzene			10.0	10.1		ug/L		101	68 - 134	7	30
Bromobenzene			10.0	10.1		ug/L		101	70 - 130	2	30
Bromoform			10.0	10.4		ug/L		104	65 - 130	2	30
Bromomethane			10.0	8.17		ug/L		82	22 - 150	13	30
2-Butanone (MEK)			100	115		ug/L		115	63 - 140	11	30
Carbon disulfide			10.0	8.73		ug/L		87	30 - 150	4	30
Carbon tetrachloride			10.0	10.8		ug/L		108	61 - 134	6	30
Chlorobenzene			10.0	10.5		ug/L		105	70 - 130	2	30
Chlorobromomethane			10.0	10.4		ug/L		104	70 - 130	6	30
Chlorodibromomethane			10.0	11.7		ug/L		117	70 - 130	12	30
Chloroethane			10.0	10.7		ug/L		107	39 - 150	18	30
Chloroform			10.0	10.9		ug/L		109	68 - 130	3	30
Chloromethane			10.0	9.17		ug/L		92	35 - 150	2	30
2-Chlorotoluene			10.0	10.2		ug/L		102	70 - 130	3	30
4-Chlorotoluene			10.0	10.5		ug/L		105	70 - 130	4	30
cis-1,2-Dichloroethene			10.0	10.8		ug/L		108	66 - 130	7	30
cis-1,3-Dichloropropene			10.0	9.31		ug/L		93	70 - 130	10	30
1,2-Dibromo-3-Chloropropane			10.0	10.4		ug/L		104	63 - 130	17	30
Dibromomethane			10.0	10.7		ug/L		107	70 - 130	2	30
1,2-Dichlorobenzene			10.0	10.8		ug/L		108	70 - 130	3	30
1,3-Dichlorobenzene			10.0	11.0		ug/L		110	70 - 130	5	30
1,4-Dichlorobenzene			10.0	10.9		ug/L		109	70 - 130	7	30
Dichlorobromomethane			10.0	10.7		ug/L		107	70 - 130	4	30
Dichlorodifluoromethane			10.0	8.95		ug/L		90	16 - 149	13	30
1,1-Dichloroethane			10.0	10.5		ug/L		105	66 - 130	6	30
1,2-Dichloroethane			10.0	11.1		ug/L		111	70 - 130	5	30
1,1-Dichloroethene			10.0	9.05		ug/L		91	51 - 150	4	30
1,2-Dichloropropane			10.0	10.6		ug/L		106	70 - 130	13	30
1,3-Dichloropropane			10.0	10.5		ug/L		105	70 - 130	4	30
2,2-Dichloropropane			10.0	11.0		ug/L		110	66 - 134	10	30
1,1-Dichloropropene			10.0	10.3		ug/L		103	65 - 136	2	30
Ethylbenzene			10.0	11.0		ug/L		110	70 - 130	8	30
Ethylene Dibromide			10.0	10.8		ug/L		108	66 - 130	0	30
Hexachlorobutadiene			10.0	11.3		ug/L		113	62 - 143	3	30
2-Hexanone			100	116		ug/L		116	60 - 148	9	30
Isopropylbenzene			10.0	10.2		ug/L		102	62 - 130	5	30
4-Isopropyltoluene			10.0	10.8		ug/L		108	65 - 134	9	30
Methylene Chloride			10.0	9.96	I	ug/L		100	57 - 130	1	30
4-Methyl-2-pentanone (MIBK)			100	110		ug/L		110	64 - 137	10	30
Methyl tert-butyl ether			10.0	10.9		ug/L		109	67 - 130	8	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172594/5
Matrix: Water
Analysis Batch: 172594

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	10.9	J3	ug/L		109	50 - 136	46	30
n-Butylbenzene			10.0	9.27		ug/L		93	61 - 131	5	30
N-Propylbenzene			10.0	10.7		ug/L		107	67 - 130	8	30
o-Xylene			10.0	10.9		ug/L		109	69 - 130	7	30
sec-Butylbenzene			10.0	10.7		ug/L		107	68 - 133	6	30
Styrene			10.0	10.7		ug/L		107	68 - 131	1	30
tert-Butylbenzene			10.0	10.6		ug/L		106	64 - 130	5	30
1,1,1,2-Tetrachloroethane			10.0	11.2		ug/L		112	70 - 130	8	30
1,1,2,2-Tetrachloroethane			10.0	10.3		ug/L		103	70 - 130	1	30
Tetrachloroethene			10.0	11.0		ug/L		110	50 - 143	10	30
Toluene			10.0	10.8		ug/L		108	70 - 131	7	30
trans-1,2-Dichloroethene			10.0	9.93		ug/L		99	62 - 139	7	30
trans-1,3-Dichloropropene			10.0	10.5		ug/L		105	67 - 130	6	30
1,2,3-Trichlorobenzene			10.0	11.0		ug/L		110	58 - 132	3	30
1,2,4-Trichlorobenzene			10.0	10.8		ug/L		108	66 - 130	8	30
1,1,1-Trichloroethane			10.0	11.2		ug/L		112	63 - 132	7	30
1,1,2-Trichloroethane			10.0	10.2		ug/L		102	70 - 130	3	30
Trichloroethene			10.0	10.9		ug/L		109	63 - 139	1	30
Trichlorofluoromethane			10.0	11.8		ug/L		118	62 - 146	17	30
1,2,3-Trichloropropane			10.0	10.3		ug/L		103	66 - 130	3	30
1,2,4-Trimethylbenzene			10.0	10.6		ug/L		106	70 - 132	6	30
1,3,5-Trimethylbenzene			10.0	10.6		ug/L		106	65 - 134	5	30
Vinyl chloride			10.0	10.1		ug/L		101	48 - 147	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-75400-67 DU
Matrix: Water
Analysis Batch: 172594

Client Sample ID: EW3026_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Acetone	9.9	U		9.9	U	ug/L				NC	30
Benzene	0.50	U		0.50	U	ug/L				NC	30
Bromobenzene	0.58	U		0.58	U	ug/L				NC	30
Bromoform	0.63	U		0.63	U	ug/L				NC	30
Bromomethane	2.5	U		2.5	U	ug/L				NC	30
2-Butanone (MEK)	8.4	U		8.4	U	ug/L				NC	30
Carbon disulfide	1.0	U		1.0	U	ug/L				NC	30
Carbon tetrachloride	0.43	U		0.43	U	ug/L				NC	30
Chlorobenzene	0.63	U		0.63	U	ug/L				NC	30
Chlorobromomethane	0.58	U		0.58	U	ug/L				NC	30
Chlorodibromomethane	0.31	U		0.31	U	ug/L				NC	30
Chloroethane	2.5	U		2.5	U	ug/L				NC	30
Chloroform	0.90	U		0.90	U	ug/L				NC	30
Chloromethane	1.0	U		1.0	U	ug/L				NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-67 DU
Matrix: Water
Analysis Batch: 172594

Client Sample ID: EW3026_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Chlorotoluene	0.65	U		0.65	U	ug/L				NC	30
4-Chlorotoluene	0.52	U		0.52	U	ug/L				NC	30
cis-1,2-Dichloroethene	2.3			2.24		ug/L				3	30
cis-1,3-Dichloropropene	0.39	U		0.39	U	ug/L				NC	30
1,2-Dibromo-3-Chloropropane	2.5	U		2.5	U	ug/L				NC	30
Dibromomethane	0.46	U		0.46	U	ug/L				NC	30
1,2-Dichlorobenzene	0.49	U		0.49	U	ug/L				NC	30
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	12			11.5		ug/L				3	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	32			30.1		ug/L				5	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U J3		2.5	U J3	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.68	I		0.638	I	ug/L				7	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	7.1			6.42		ug/L				10	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-67 DU
Matrix: Water
Analysis Batch: 172594

Client Sample ID: EW3026_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*110*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 660-172600/7
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 09:32	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 09:32	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 09:32	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 09:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 09:32	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 09:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 09:32	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 09:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 09:32	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 09:32	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 09:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 09:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 09:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 09:32	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 09:32	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 09:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 09:32	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 09:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 09:32	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 09:32	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 09:32	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 09:32	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 09:32	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 09:32	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 09:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 09:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 09:32	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 09:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 09:32	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 09:32	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 09:32	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 09:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 09:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 09:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172600/7
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 09:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 09:32	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 09:32	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 09:32	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 09:32	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 09:32	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 09:32	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 09:32	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/09/16 09:32	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 09:32	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 09:32	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 09:32	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 09:32	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 09:32	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 09:32	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 09:32	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 09:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 09:32	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 09:32	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 09:32	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 09:32	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 09:32	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 09:32	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 09:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 09:32	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 09:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 09:32	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 09:32	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 09:32	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 09:32	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 09:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*08/09/16 09:32*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/09/16 09:32*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*08/09/16 09:32*	*1*

Lab Sample ID: LCS 660-172600/4
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	96.9		ug/L		97	62 - 142
Benzene	10.0	10.8		ug/L		108	68 - 134
Bromobenzene	10.0	10.5		ug/L		105	70 - 130
Bromoform	10.0	9.91		ug/L		99	65 - 130
Bromomethane	10.0	9.84		ug/L		98	22 - 150
2-Butanone (MEK)	100	89.8		ug/L		90	63 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172600/4
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	10.0	11.1		ug/L		111	30 - 150
Carbon tetrachloride	10.0	10.9		ug/L		109	61 - 134
Chlorobenzene	10.0	10.7		ug/L		107	70 - 130
Chlorobromomethane	10.0	9.58		ug/L		96	70 - 130
Chlorodibromomethane	10.0	10.3		ug/L		103	70 - 130
Chloroethane	10.0	10.2		ug/L		102	39 - 150
Chloroform	10.0	10.3		ug/L		103	68 - 130
Chloromethane	10.0	13.3		ug/L		133	35 - 150
2-Chlorotoluene	10.0	10.8		ug/L		108	70 - 130
4-Chlorotoluene	10.0	11.1		ug/L		111	70 - 130
cis-1,2-Dichloroethene	10.0	11.0		ug/L		110	66 - 130
cis-1,3-Dichloropropene	10.0	10.6		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.71		ug/L		97	63 - 130
Dibromomethane	10.0	10.4		ug/L		104	70 - 130
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,3-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
1,4-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
Dichlorobromomethane	10.0	10.6		ug/L		106	70 - 130
Dichlorodifluoromethane	10.0	12.7		ug/L		127	16 - 149
1,1-Dichloroethane	10.0	10.8		ug/L		108	66 - 130
1,2-Dichloroethane	10.0	10.4		ug/L		104	70 - 130
1,1-Dichloroethene	10.0	10.2		ug/L		102	51 - 150
1,2-Dichloropropane	10.0	10.9		ug/L		109	70 - 130
1,3-Dichloropropane	10.0	10.9		ug/L		109	70 - 130
2,2-Dichloropropane	10.0	11.3		ug/L		113	66 - 134
1,1-Dichloropropene	10.0	11.3		ug/L		113	65 - 136
Ethylbenzene	10.0	10.9		ug/L		109	70 - 130
Ethylene Dibromide	10.0	10.8		ug/L		108	66 - 130
Hexachlorobutadiene	10.0	11.4		ug/L		114	62 - 143
2-Hexanone	100	93.5		ug/L		94	60 - 148
Isopropylbenzene	10.0	10.9		ug/L		109	62 - 130
4-Isopropyltoluene	10.0	9.08		ug/L		91	65 - 134
Methylene Chloride	10.0	10.4		ug/L		104	57 - 130
4-Methyl-2-pentanone (MIBK)	100	89.7		ug/L		90	64 - 137
Methyl tert-butyl ether	10.0	9.53		ug/L		95	67 - 130
Naphthalene	10.0	8.13		ug/L		81	50 - 136
n-Butylbenzene	10.0	9.16		ug/L		92	61 - 131
N-Propylbenzene	10.0	11.1		ug/L		111	67 - 130
o-Xylene	10.0	10.7		ug/L		107	69 - 130
sec-Butylbenzene	10.0	9.87		ug/L		99	68 - 133
Styrene	10.0	9.57		ug/L		96	68 - 131
tert-Butylbenzene	10.0	11.2		ug/L		112	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.4		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.3		ug/L		103	70 - 130
Tetrachloroethene	10.0	10.1		ug/L		101	50 - 143
Toluene	10.0	10.5		ug/L		105	70 - 131
trans-1,2-Dichloroethene	10.0	10.5		ug/L		105	62 - 139
trans-1,3-Dichloropropene	10.0	10.1		ug/L		101	67 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172600/4
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2,3-Trichlorobenzene			10.0	10.4		ug/L		104	58 - 132		
1,2,4-Trichlorobenzene			10.0	10.3		ug/L		103	66 - 130		
1,1,1-Trichloroethane			10.0	10.6		ug/L		106	63 - 132		
1,1,2-Trichloroethane			10.0	11.0		ug/L		110	70 - 130		
Trichloroethene			10.0	11.3		ug/L		113	63 - 139		
Trichlorofluoromethane			10.0	10.5		ug/L		105	62 - 146		
1,2,3-Trichloropropane			10.0	11.4		ug/L		114	66 - 130		
1,2,4-Trimethylbenzene			10.0	8.89		ug/L		89	70 - 132		
1,3,5-Trimethylbenzene			10.0	8.97		ug/L		90	65 - 134		
Vinyl chloride			10.0	11.5		ug/L		115	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 660-172600/5
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	108		ug/L		108	62 - 142	11	30
Benzene			10.0	9.93		ug/L		99	68 - 134	8	30
Bromobenzene			10.0	10.0		ug/L		100	70 - 130	4	30
Bromoform			10.0	9.36		ug/L		94	65 - 130	6	30
Bromomethane			10.0	8.56		ug/L		86	22 - 150	14	30
2-Butanone (MEK)			100	91.9		ug/L		92	63 - 140	2	30
Carbon disulfide			10.0	10.2		ug/L		102	30 - 150	9	30
Carbon tetrachloride			10.0	9.42		ug/L		94	61 - 134	14	30
Chlorobenzene			10.0	9.79		ug/L		98	70 - 130	9	30
Chlorobromomethane			10.0	8.99		ug/L		90	70 - 130	6	30
Chlorodibromomethane			10.0	10.0		ug/L		100	70 - 130	3	30
Chloroethane			10.0	9.87		ug/L		99	39 - 150	3	30
Chloroform			10.0	9.49		ug/L		95	68 - 130	8	30
Chloromethane			10.0	13.2		ug/L		132	35 - 150	1	30
2-Chlorotoluene			10.0	10.1		ug/L		101	70 - 130	7	30
4-Chlorotoluene			10.0	10.3		ug/L		103	70 - 130	7	30
cis-1,2-Dichloroethene			10.0	9.93		ug/L		99	66 - 130	10	30
cis-1,3-Dichloropropene			10.0	9.83		ug/L		98	70 - 130	8	30
1,2-Dibromo-3-Chloropropane			10.0	9.34		ug/L		93	63 - 130	4	30
Dibromomethane			10.0	10.1		ug/L		101	70 - 130	3	30
1,2-Dichlorobenzene			10.0	10.0		ug/L		100	70 - 130	5	30
1,3-Dichlorobenzene			10.0	10.4		ug/L		104	70 - 130	5	30
1,4-Dichlorobenzene			10.0	9.64		ug/L		96	70 - 130	8	30
Dichlorobromomethane			10.0	9.68		ug/L		97	70 - 130	9	30
Dichlorodifluoromethane			10.0	12.7		ug/L		127	16 - 149	1	30
1,1-Dichloroethane			10.0	10.2		ug/L		102	66 - 130	6	30
1,2-Dichloroethane			10.0	9.90		ug/L		99	70 - 130	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172600/5
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			10.0	10.6		ug/L		106	51 - 150	4	30
1,2-Dichloropropane			10.0	9.80		ug/L		98	70 - 130	10	30
1,3-Dichloropropane			10.0	9.91		ug/L		99	70 - 130	10	30
2,2-Dichloropropane			10.0	10.2		ug/L		102	66 - 134	10	30
1,1-Dichloropropene			10.0	10.1		ug/L		101	65 - 136	12	30
Ethylbenzene			10.0	10.2		ug/L		102	70 - 130	7	30
Ethylene Dibromide			10.0	10.5		ug/L		105	66 - 130	2	30
Hexachlorobutadiene			10.0	10.8		ug/L		108	62 - 143	6	30
2-Hexanone			100	95.9		ug/L		96	60 - 148	3	30
Isopropylbenzene			10.0	9.98		ug/L		100	62 - 130	9	30
4-Isopropyltoluene			10.0	8.41		ug/L		84	65 - 134	8	30
Methylene Chloride			10.0	10.7		ug/L		107	57 - 130	3	30
4-Methyl-2-pentanone (MIBK)			100	87.5		ug/L		87	64 - 137	3	30
Methyl tert-butyl ether			10.0	10.2		ug/L		102	67 - 130	7	30
Naphthalene			10.0	8.45		ug/L		84	50 - 136	4	30
n-Butylbenzene			10.0	8.79		ug/L		88	61 - 131	4	30
N-Propylbenzene			10.0	10.3		ug/L		103	67 - 130	7	30
o-Xylene			10.0	10.1		ug/L		101	69 - 130	6	30
sec-Butylbenzene			10.0	8.95		ug/L		89	68 - 133	10	30
Styrene			10.0	8.92		ug/L		89	68 - 131	7	30
tert-Butylbenzene			10.0	10.0		ug/L		100	64 - 130	11	30
1,1,1,2-Tetrachloroethane			10.0	9.54		ug/L		95	70 - 130	9	30
1,1,2,2-Tetrachloroethane			10.0	9.36		ug/L		94	70 - 130	9	30
Tetrachloroethene			10.0	9.75		ug/L		98	50 - 143	3	30
Toluene			10.0	9.98		ug/L		100	70 - 131	5	30
trans-1,2-Dichloroethene			10.0	10.3		ug/L		103	62 - 139	2	30
trans-1,3-Dichloropropene			10.0	9.59		ug/L		96	67 - 130	5	30
1,2,3-Trichlorobenzene			10.0	11.4		ug/L		114	58 - 132	9	30
1,2,4-Trichlorobenzene			10.0	10.2		ug/L		102	66 - 130	1	30
1,1,1-Trichloroethane			10.0	9.70		ug/L		97	63 - 132	9	30
1,1,2-Trichloroethane			10.0	10.5		ug/L		105	70 - 130	5	30
Trichloroethene			10.0	10.0		ug/L		100	63 - 139	12	30
Trichlorofluoromethane			10.0	10.7		ug/L		107	62 - 146	2	30
1,2,3-Trichloropropane			10.0	10.4		ug/L		104	66 - 130	10	30
1,2,4-Trimethylbenzene			10.0	8.16		ug/L		82	70 - 132	9	30
1,3,5-Trimethylbenzene			10.0	8.40		ug/L		84	65 - 134	7	30
Vinyl chloride			10.0	10.3		ug/L		103	48 - 147	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75420-D-3 MS
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	29		100	142		ug/L		113	62 - 142
Benzene	0.50	U	10.0	10.9		ug/L		109	68 - 134
Bromobenzene	0.58	U	10.0	10.0		ug/L		100	70 - 130
Bromoform	0.63	U	10.0	10.3		ug/L		103	65 - 130
Bromomethane	2.5	U	10.0	9.09		ug/L		91	22 - 150
2-Butanone (MEK)	8.4	U	100	79.6		ug/L		80	63 - 140
Carbon disulfide	1.0	U	10.0	11.0		ug/L		110	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.0		ug/L		110	61 - 134
Chlorobenzene	0.63	U	10.0	10.6		ug/L		106	70 - 130
Chlorobromomethane	0.58	U	10.0	9.50		ug/L		95	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.30		ug/L		93	70 - 130
Chloroethane	2.5	U	10.0	11.0		ug/L		110	39 - 150
Chloroform	0.90	U	10.0	10.5		ug/L		105	68 - 130
Chloromethane	1.0	U	10.0	9.00		ug/L		90	35 - 150
2-Chlorotoluene	0.65	U	10.0	10.4		ug/L		104	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.5		ug/L		105	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.6		ug/L		106	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	10.4		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.74		ug/L		87	63 - 130
Dibromomethane	0.46	U	10.0	10.9		ug/L		109	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.95		ug/L		100	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.3		ug/L		103	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.3		ug/L		103	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.5		ug/L		105	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	10.2		ug/L		102	16 - 149
1,1-Dichloroethane	3.6		10.0	14.1		ug/L		105	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.96		ug/L		100	70 - 130
1,1-Dichloroethene	0.67	U	10.0	11.8		ug/L		118	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.7		ug/L		107	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.91		ug/L		99	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.9		ug/L		109	66 - 134
1,1-Dichloropropene	0.65	U	10.0	10.7		ug/L		107	65 - 136
Ethylbenzene	0.44	U	10.0	10.6		ug/L		106	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.6		ug/L		106	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.63		ug/L		96	62 - 143
2-Hexanone	4.4	U	100	78.1		ug/L		78	60 - 148
Isopropylbenzene	0.52	U	10.0	11.1		ug/L		111	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.46		ug/L		85	65 - 134
Methylene Chloride	5.0	U	10.0	11.9		ug/L		119	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	77.2		ug/L		77	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	11.4		ug/L		114	67 - 130
Naphthalene	2.5	U	10.0	6.80		ug/L		68	50 - 136
n-Butylbenzene	0.67	U	10.0	8.92		ug/L		89	61 - 131
N-Propylbenzene	0.59	U	10.0	10.8		ug/L		108	67 - 130
o-Xylene	0.50	U	10.0	10.2		ug/L		102	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.19		ug/L		92	68 - 133
Styrene	0.98	U	10.0	8.95		ug/L		90	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.8		ug/L		108	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75420-D-3 MS
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.1		ug/L		101	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.03		ug/L		90	70 - 130
Tetrachloroethene	0.50	U	10.0	10.2		ug/L		102	50 - 143
Toluene	0.51	U	10.0	11.0		ug/L		110	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	12.7		ug/L		127	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.79		ug/L		98	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.36		ug/L		94	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.86		ug/L		89	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.9		ug/L		109	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.0		ug/L		100	70 - 130
Trichloroethene	0.61	U	10.0	11.7		ug/L		117	63 - 139
Trichlorofluoromethane	2.5	U	10.0	11.3		ug/L		113	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.58		ug/L		96	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	8.72		ug/L		87	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	8.78		ug/L		88	65 - 134
Vinyl chloride	0.71	U	10.0	11.1		ug/L		111	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*95*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-75420-B-2 DU
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	21		23.6		ug/L		14	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75420-B-2 DU
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	3.6			3.52		ug/L				2	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75420-B-2 DU
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Duplicate
Prep Type: Total/NA

Surrogate	DU %Recovery	DU Qualifier	Limits
Toluene-d8 (Surr)	111		70 - 130

Lab Sample ID: MB 660-172654/7
Matrix: Water
Analysis Batch: 172654

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/10/16 09:18	1
Benzene	0.50	U	1.0	0.50	ug/L			08/10/16 09:18	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 09:18	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/10/16 09:18	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/10/16 09:18	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/10/16 09:18	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/10/16 09:18	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/10/16 09:18	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/10/16 09:18	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/10/16 09:18	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/10/16 09:18	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/10/16 09:18	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/10/16 09:18	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/10/16 09:18	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/10/16 09:18	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/10/16 09:18	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/10/16 09:18	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/10/16 09:18	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/10/16 09:18	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/10/16 09:18	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/10/16 09:18	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/10/16 09:18	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/10/16 09:18	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/10/16 09:18	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 09:18	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/10/16 09:18	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/10/16 09:18	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/10/16 09:18	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/10/16 09:18	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/10/16 09:18	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/10/16 09:18	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/10/16 09:18	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/10/16 09:18	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/10/16 09:18	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/10/16 09:18	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/10/16 09:18	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/10/16 09:18	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/10/16 09:18	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/10/16 09:18	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/10/16 09:18	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/10/16 09:18	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172654/7
Matrix: Water
Analysis Batch: 172654

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/10/16 09:18	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/10/16 09:18	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/10/16 09:18	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/10/16 09:18	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/10/16 09:18	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/10/16 09:18	1
Styrene	0.98	U	2.0	0.98	ug/L			08/10/16 09:18	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/10/16 09:18	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/10/16 09:18	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/10/16 09:18	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/10/16 09:18	1
Toluene	0.51	U	1.0	0.51	ug/L			08/10/16 09:18	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/10/16 09:18	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/10/16 09:18	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/10/16 09:18	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 09:18	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 09:18	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/10/16 09:18	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/10/16 09:18	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 09:18	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/10/16 09:18	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/10/16 09:18	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/10/16 09:18	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/10/16 09:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*08/10/16 09:18*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/10/16 09:18*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/10/16 09:18*	*1*

Lab Sample ID: LCS 660-172654/4
Matrix: Water
Analysis Batch: 172654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	110		ug/L		110	62 - 142
Benzene	10.0	11.0		ug/L		110	68 - 134
Bromobenzene	10.0	11.1		ug/L		111	70 - 130
Bromoform	10.0	9.70		ug/L		97	65 - 130
Bromomethane	10.0	10.8		ug/L		108	22 - 150
2-Butanone (MEK)	100	88.9		ug/L		89	63 - 140
Carbon disulfide	10.0	8.97		ug/L		90	30 - 150
Carbon tetrachloride	10.0	11.3		ug/L		113	61 - 134
Chlorobenzene	10.0	10.9		ug/L		109	70 - 130
Chlorobromomethane	10.0	9.63		ug/L		96	70 - 130
Chlorodibromomethane	10.0	9.88		ug/L		99	70 - 130
Chloroethane	10.0	9.96		ug/L		100	39 - 150
Chloroform	10.0	10.8		ug/L		108	68 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172654/4
Matrix: Water
Analysis Batch: 172654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	10.8		ug/L		108	35 - 150
2-Chlorotoluene	10.0	11.1		ug/L		111	70 - 130
4-Chlorotoluene	10.0	11.3		ug/L		113	70 - 130
cis-1,2-Dichloroethene	10.0	11.0		ug/L		110	66 - 130
cis-1,3-Dichloropropene	10.0	10.6		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	11.0		ug/L		110	63 - 130
Dibromomethane	10.0	10.8		ug/L		108	70 - 130
1,2-Dichlorobenzene	10.0	11.0		ug/L		110	70 - 130
1,3-Dichlorobenzene	10.0	11.4		ug/L		114	70 - 130
1,4-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
Dichlorobromomethane	10.0	9.93		ug/L		99	70 - 130
Dichlorodifluoromethane	10.0	12.9		ug/L		129	16 - 149
1,1-Dichloroethane	10.0	11.1		ug/L		111	66 - 130
1,2-Dichloroethane	10.0	10.6		ug/L		106	70 - 130
1,1-Dichloroethene	10.0	9.86		ug/L		99	51 - 150
1,2-Dichloropropane	10.0	10.7		ug/L		107	70 - 130
1,3-Dichloropropane	10.0	10.2		ug/L		102	70 - 130
2,2-Dichloropropane	10.0	11.4		ug/L		114	66 - 134
1,1-Dichloropropene	10.0	11.3		ug/L		113	65 - 136
Ethylbenzene	10.0	11.3		ug/L		113	70 - 130
Ethylene Dibromide	10.0	9.71		ug/L		97	66 - 130
Hexachlorobutadiene	10.0	11.4		ug/L		114	62 - 143
2-Hexanone	100	90.8		ug/L		91	60 - 148
Isopropylbenzene	10.0	11.3		ug/L		113	62 - 130
4-Isopropyltoluene	10.0	9.35		ug/L		94	65 - 134
Methylene Chloride	10.0	11.6		ug/L		116	57 - 130
4-Methyl-2-pentanone (MIBK)	100	85.9		ug/L		86	64 - 137
Methyl tert-butyl ether	10.0	10.4		ug/L		104	67 - 130
Naphthalene	10.0	8.30		ug/L		83	50 - 136
n-Butylbenzene	10.0	9.89		ug/L		99	61 - 131
N-Propylbenzene	10.0	11.5		ug/L		115	67 - 130
o-Xylene	10.0	10.8		ug/L		108	69 - 130
sec-Butylbenzene	10.0	10.2		ug/L		102	68 - 133
Styrene	10.0	9.68		ug/L		97	68 - 131
tert-Butylbenzene	10.0	11.0		ug/L		110	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.5		ug/L		105	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.7		ug/L		107	70 - 130
Tetrachloroethene	10.0	9.62		ug/L		96	50 - 143
Toluene	10.0	9.79		ug/L		98	70 - 131
trans-1,2-Dichloroethene	10.0	11.3		ug/L		113	62 - 139
trans-1,3-Dichloropropene	10.0	9.64		ug/L		96	67 - 130
1,2,3-Trichlorobenzene	10.0	10.7		ug/L		107	58 - 132
1,2,4-Trichlorobenzene	10.0	10.5		ug/L		105	66 - 130
1,1,1-Trichloroethane	10.0	10.6		ug/L		106	63 - 132
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	70 - 130
Trichloroethene	10.0	11.6		ug/L		116	63 - 139
Trichlorofluoromethane	10.0	11.1		ug/L		111	62 - 146
1,2,3-Trichloropropane	10.0	10.8		ug/L		108	66 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172654/4
Matrix: Water
Analysis Batch: 172654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,2,4-Trimethylbenzene			10.0	9.24		ug/L		92	70 - 132		
1,3,5-Trimethylbenzene			10.0	9.43		ug/L		94	65 - 134		
Vinyl chloride			10.0	12.1		ug/L		121	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 660-172654/5
Matrix: Water
Analysis Batch: 172654

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	104		ug/L		104	62 - 142	6	30
Benzene			10.0	9.73		ug/L		97	68 - 134	12	30
Bromobenzene			10.0	9.37		ug/L		94	70 - 130	17	30
Bromoform			10.0	9.45		ug/L		95	65 - 130	3	30
Bromomethane			10.0	9.21		ug/L		92	22 - 150	16	30
2-Butanone (MEK)			100	85.3		ug/L		85	63 - 140	4	30
Carbon disulfide			10.0	7.53		ug/L		75	30 - 150	17	30
Carbon tetrachloride			10.0	9.40		ug/L		94	61 - 134	18	30
Chlorobenzene			10.0	8.90		ug/L		89	70 - 130	20	30
Chlorobromomethane			10.0	8.43		ug/L		84	70 - 130	13	30
Chlorodibromomethane			10.0	9.40		ug/L		94	70 - 130	5	30
Chloroethane			10.0	8.62		ug/L		86	39 - 150	14	30
Chloroform			10.0	9.61		ug/L		96	68 - 130	12	30
Chloromethane			10.0	7.97		ug/L		80	35 - 150	30	30
2-Chlorotoluene			10.0	9.52		ug/L		95	70 - 130	15	30
4-Chlorotoluene			10.0	9.82		ug/L		98	70 - 130	14	30
cis-1,2-Dichloroethene			10.0	9.79		ug/L		98	66 - 130	12	30
cis-1,3-Dichloropropene			10.0	9.73		ug/L		97	70 - 130	8	30
1,2-Dibromo-3-Chloropropane			10.0	8.32		ug/L		83	63 - 130	28	30
Dibromomethane			10.0	9.64		ug/L		96	70 - 130	11	30
1,2-Dichlorobenzene			10.0	9.22		ug/L		92	70 - 130	17	30
1,3-Dichlorobenzene			10.0	9.46		ug/L		95	70 - 130	18	30
1,4-Dichlorobenzene			10.0	9.38		ug/L		94	70 - 130	15	30
Dichlorobromomethane			10.0	9.85		ug/L		98	70 - 130	1	30
Dichlorodifluoromethane			10.0	9.97		ug/L		100	16 - 149	25	30
1,1-Dichloroethane			10.0	9.88		ug/L		99	66 - 130	12	30
1,2-Dichloroethane			10.0	9.11		ug/L		91	70 - 130	15	30
1,1-Dichloroethene			10.0	8.14		ug/L		81	51 - 150	19	30
1,2-Dichloropropane			10.0	9.57		ug/L		96	70 - 130	11	30
1,3-Dichloropropane			10.0	9.71		ug/L		97	70 - 130	5	30
2,2-Dichloropropane			10.0	9.28		ug/L		93	66 - 134	21	30
1,1-Dichloropropene			10.0	9.68		ug/L		97	65 - 136	15	30
Ethylbenzene			10.0	9.45		ug/L		95	70 - 130	17	30
Ethylene Dibromide			10.0	9.24		ug/L		92	66 - 130	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172654/5
Matrix: Water
Analysis Batch: 172654

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	10.0	9.36		ug/L		94	62 - 143	20	30
2-Hexanone	100	89.0		ug/L		89	60 - 148	2	30
Isopropylbenzene	10.0	9.41		ug/L		94	62 - 130	19	30
4-Isopropyltoluene	10.0	7.99		ug/L		80	65 - 134	16	30
Methylene Chloride	10.0	10.4		ug/L		104	57 - 130	10	30
4-Methyl-2-pentanone (MIBK)	100	87.3		ug/L		87	64 - 137	2	30
Methyl tert-butyl ether	10.0	9.60		ug/L		96	67 - 130	8	30
Naphthalene	10.0	7.29		ug/L		73	50 - 136	13	30
n-Butylbenzene	10.0	7.88		ug/L		79	61 - 131	23	30
N-Propylbenzene	10.0	9.77		ug/L		98	67 - 130	16	30
o-Xylene	10.0	9.29		ug/L		93	69 - 130	15	30
sec-Butylbenzene	10.0	8.44		ug/L		84	68 - 133	19	30
Styrene	10.0	8.46		ug/L		85	68 - 131	13	30
tert-Butylbenzene	10.0	9.64		ug/L		96	64 - 130	13	30
1,1,1,2-Tetrachloroethane	10.0	8.97		ug/L		90	70 - 130	15	30
1,1,2,2-Tetrachloroethane	10.0	9.38		ug/L		94	70 - 130	13	30
Tetrachloroethene	10.0	10.2		ug/L		102	50 - 143	5	30
Toluene	10.0	9.48		ug/L		95	70 - 131	3	30
trans-1,2-Dichloroethene	10.0	9.75		ug/L		98	62 - 139	15	30
trans-1,3-Dichloropropene	10.0	9.74		ug/L		97	67 - 130	1	30
1,2,3-Trichlorobenzene	10.0	9.86		ug/L		99	58 - 132	8	30
1,2,4-Trichlorobenzene	10.0	9.53		ug/L		95	66 - 130	10	30
1,1,1-Trichloroethane	10.0	9.43		ug/L		94	63 - 132	12	30
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	70 - 130	2	30
Trichloroethene	10.0	10.2		ug/L		102	63 - 139	13	30
Trichlorofluoromethane	10.0	10.1		ug/L		101	62 - 146	9	30
1,2,3-Trichloropropane	10.0	9.24		ug/L		92	66 - 130	15	30
1,2,4-Trimethylbenzene	10.0	7.84		ug/L		78	70 - 132	16	30
1,3,5-Trimethylbenzene	10.0	7.99		ug/L		80	65 - 134	17	30
Vinyl chloride	10.0	10.6		ug/L		106	48 - 147	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 660-75400-4 MS
Matrix: Water
Analysis Batch: 172654

Client Sample ID: EW2004_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	112		ug/L		112	62 - 142
Benzene	0.50	U	10.0	11.7		ug/L		117	68 - 134
Bromobenzene	0.58	U	10.0	10.3		ug/L		103	70 - 130
Bromoform	0.63	U	10.0	10.3		ug/L		103	65 - 130
Bromomethane	2.5	U	10.0	9.77		ug/L		98	22 - 150
2-Butanone (MEK)	8.4	U	100	96.6		ug/L		97	63 - 140
Carbon disulfide	1.0	U	10.0	8.05		ug/L		80	30 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-4 MS
Matrix: Water
Analysis Batch: 172654

Client Sample ID: EW2004_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	0.43	U	10.0	12.8		ug/L		128	61 - 134
Chlorobenzene	0.63	U	10.0	10.3		ug/L		103	70 - 130
Chlorobromomethane	0.58	U	10.0	10.7		ug/L		107	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.41		ug/L		94	70 - 130
Chloroethane	2.5	U	10.0	9.99		ug/L		100	39 - 150
Chloroform	0.90	U	10.0	11.5		ug/L		115	68 - 130
Chloromethane	1.0	U	10.0	10.9		ug/L		109	35 - 150
2-Chlorotoluene	0.65	U	10.0	10.6		ug/L		106	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.8		ug/L		108	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	12.3		ug/L		123	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	11.1		ug/L		111	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.5		ug/L		105	63 - 130
Dibromomethane	0.46	U	10.0	11.5		ug/L		115	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.6		ug/L		106	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.2		ug/L		102	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.95		ug/L		99	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.4		ug/L		114	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	11.3		ug/L		113	16 - 149
1,1-Dichloroethane	3.9		10.0	15.3		ug/L		114	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.9		ug/L		109	70 - 130
1,1-Dichloroethene	7.9		10.0	15.0		ug/L		71	51 - 150
1,2-Dichloropropane	0.52	U	10.0	11.8		ug/L		118	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.81		ug/L		98	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.8		ug/L		118	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.8		ug/L		118	65 - 136
Ethylbenzene	0.44	U	10.0	11.1		ug/L		111	70 - 130
Ethylene Dibromide	0.50	U	10.0	9.97		ug/L		100	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.7		ug/L		117	62 - 143
2-Hexanone	4.4	U	100	83.3		ug/L		83	60 - 148
Isopropylbenzene	0.52	U	10.0	10.8		ug/L		108	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.77		ug/L		88	65 - 134
Methylene Chloride	5.0	U	10.0	10.5		ug/L		105	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	79.0		ug/L		79	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.2		ug/L		102	67 - 130
Naphthalene	2.5	U	10.0	8.20		ug/L		82	50 - 136
n-Butylbenzene	0.67	U	10.0	9.13		ug/L		91	61 - 131
N-Propylbenzene	0.59	U	10.0	10.8		ug/L		108	67 - 130
o-Xylene	0.50	U	10.0	10.4		ug/L		104	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.73		ug/L		97	68 - 133
Styrene	0.98	U	10.0	9.10		ug/L		91	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.6		ug/L		106	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.2		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.4		ug/L		104	70 - 130
Tetrachloroethene	0.50	U	10.0	10.6		ug/L		106	50 - 143
Toluene	0.51	U	10.0	10.3		ug/L		103	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	11.3		ug/L		113	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.33		ug/L		93	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.9		ug/L		109	58 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-4 MS
Matrix: Water
Analysis Batch: 172654

Client Sample ID: EW2004_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	0.58	U	10.0	10.8		ug/L		108	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.0		ug/L		120	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.54		ug/L		95	70 - 130
Trichloroethene	0.86	I	10.0	13.0		ug/L		121	63 - 139
Trichlorofluoromethane	2.5	U	10.0	10.6		ug/L		106	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.1		ug/L		101	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	8.78		ug/L		88	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	8.92		ug/L		89	65 - 134
Vinyl chloride	0.71	U	10.0	10.1		ug/L		101	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Lab Sample ID: 660-75400-3 DU
Matrix: Water
Analysis Batch: 172654

Client Sample ID: EW2003_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.96	I	0.919	I	ug/L		4	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	1.8		1.49		ug/L		19	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75400-3 DU
Matrix: Water
Analysis Batch: 172654

Client Sample ID: EW2003_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172815/8
Matrix: Water
Analysis Batch: 172815

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/15/16 12:26	1
Benzene	0.50	U	1.0	0.50	ug/L			08/15/16 12:26	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/15/16 12:26	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/15/16 12:26	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/15/16 12:26	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/15/16 12:26	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/15/16 12:26	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/15/16 12:26	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/15/16 12:26	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/15/16 12:26	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/15/16 12:26	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/15/16 12:26	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/15/16 12:26	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/15/16 12:26	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/15/16 12:26	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/15/16 12:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/15/16 12:26	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/15/16 12:26	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/15/16 12:26	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/15/16 12:26	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/15/16 12:26	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/15/16 12:26	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/15/16 12:26	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/15/16 12:26	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/15/16 12:26	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/15/16 12:26	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/15/16 12:26	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/15/16 12:26	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/15/16 12:26	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/15/16 12:26	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/15/16 12:26	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/15/16 12:26	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/15/16 12:26	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/15/16 12:26	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/15/16 12:26	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/15/16 12:26	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/15/16 12:26	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/15/16 12:26	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/15/16 12:26	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/15/16 12:26	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/15/16 12:26	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/15/16 12:26	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/15/16 12:26	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/15/16 12:26	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/15/16 12:26	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/15/16 12:26	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/15/16 12:26	1
Styrene	0.98	U	2.0	0.98	ug/L			08/15/16 12:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172815/8
Matrix: Water
Analysis Batch: 172815

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/15/16 12:26	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/15/16 12:26	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/15/16 12:26	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/15/16 12:26	1
Toluene	0.51	U	1.0	0.51	ug/L			08/15/16 12:26	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/15/16 12:26	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/15/16 12:26	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/15/16 12:26	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/15/16 12:26	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/15/16 12:26	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/15/16 12:26	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/15/16 12:26	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/15/16 12:26	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/15/16 12:26	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/15/16 12:26	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/15/16 12:26	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/15/16 12:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/15/16 12:26*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/15/16 12:26*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/15/16 12:26*	*1*

Lab Sample ID: LCS 660-172815/5
Matrix: Water
Analysis Batch: 172815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	112		ug/L		112	62 - 142
Benzene	10.0	11.2		ug/L		112	68 - 134
Bromobenzene	10.0	11.2		ug/L		112	70 - 130
Bromoform	10.0	10.9		ug/L		109	65 - 130
Bromomethane	10.0	8.92		ug/L		89	22 - 150
2-Butanone (MEK)	100	110		ug/L		110	63 - 140
Carbon disulfide	10.0	7.08		ug/L		71	30 - 150
Carbon tetrachloride	10.0	11.2		ug/L		112	61 - 134
Chlorobenzene	10.0	10.9		ug/L		109	70 - 130
Chlorobromomethane	10.0	11.5		ug/L		115	70 - 130
Chlorodibromomethane	10.0	12.0		ug/L		120	70 - 130
Chloroethane	10.0	10.8		ug/L		108	39 - 150
Chloroform	10.0	12.2		ug/L		122	68 - 130
Chloromethane	10.0	9.52		ug/L		95	35 - 150
2-Chlorotoluene	10.0	10.9		ug/L		109	70 - 130
4-Chlorotoluene	10.0	10.3		ug/L		103	70 - 130
cis-1,2-Dichloroethene	10.0	11.9		ug/L		119	66 - 130
cis-1,3-Dichloropropene	10.0	10.2		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.9		ug/L		109	63 - 130
Dibromomethane	10.0	11.6		ug/L		116	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172815/5
Matrix: Water
Analysis Batch: 172815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	11.3		ug/L		113	70 - 130
1,3-Dichlorobenzene	10.0	11.5		ug/L		115	70 - 130
1,4-Dichlorobenzene	10.0	11.3		ug/L		113	70 - 130
Dichlorobromomethane	10.0	11.6		ug/L		116	70 - 130
Dichlorodifluoromethane	10.0	7.14		ug/L		71	16 - 149
1,1-Dichloroethane	10.0	11.1		ug/L		111	66 - 130
1,2-Dichloroethane	10.0	12.3		ug/L		123	70 - 130
1,1-Dichloroethene	10.0	8.98		ug/L		90	51 - 150
1,2-Dichloropropane	10.0	10.5		ug/L		105	70 - 130
1,3-Dichloropropane	10.0	11.1		ug/L		111	70 - 130
2,2-Dichloropropane	10.0	11.8		ug/L		118	66 - 134
1,1-Dichloropropene	10.0	11.6		ug/L		116	65 - 136
Ethylbenzene	10.0	11.4		ug/L		114	70 - 130
Ethylene Dibromide	10.0	12.1		ug/L		121	66 - 130
Hexachlorobutadiene	10.0	12.0		ug/L		120	62 - 143
2-Hexanone	100	119		ug/L		119	60 - 148
Isopropylbenzene	10.0	10.9		ug/L		109	62 - 130
4-Isopropyltoluene	10.0	11.4		ug/L		114	65 - 134
Methylene Chloride	10.0	11.4		ug/L		114	57 - 130
4-Methyl-2-pentanone (MIBK)	100	112		ug/L		112	64 - 137
Methyl tert-butyl ether	10.0	11.5		ug/L		115	67 - 130
Naphthalene	10.0	11.7		ug/L		117	50 - 136
n-Butylbenzene	10.0	9.55		ug/L		96	61 - 131
N-Propylbenzene	10.0	10.8		ug/L		108	67 - 130
o-Xylene	10.0	11.1		ug/L		111	69 - 130
sec-Butylbenzene	10.0	11.1		ug/L		111	68 - 133
Styrene	10.0	11.2		ug/L		112	68 - 131
tert-Butylbenzene	10.0	11.0		ug/L		110	64 - 130
1,1,1,2-Tetrachloroethane	10.0	11.0		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.2		ug/L		102	70 - 130
Tetrachloroethene	10.0	10.8		ug/L		108	50 - 143
Toluene	10.0	11.1		ug/L		111	70 - 131
trans-1,2-Dichloroethene	10.0	10.8		ug/L		108	62 - 139
trans-1,3-Dichloropropene	10.0	11.8		ug/L		118	67 - 130
1,2,3-Trichlorobenzene	10.0	12.0		ug/L		120	58 - 132
1,2,4-Trichlorobenzene	10.0	11.3		ug/L		113	66 - 130
1,1,1-Trichloroethane	10.0	11.6		ug/L		116	63 - 132
1,1,2-Trichloroethane	10.0	11.3		ug/L		113	70 - 130
Trichloroethene	10.0	12.3		ug/L		123	63 - 139
Trichlorofluoromethane	10.0	11.7		ug/L		117	62 - 146
1,2,3-Trichloropropane	10.0	10.1		ug/L		101	66 - 130
1,2,4-Trimethylbenzene	10.0	11.1		ug/L		111	70 - 132
1,3,5-Trimethylbenzene	10.0	11.2		ug/L		112	65 - 134
Vinyl chloride	10.0	10.8		ug/L		108	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172815/5
Matrix: Water
Analysis Batch: 172815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 660-172815/6
Matrix: Water
Analysis Batch: 172815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	102		ug/L		102	62 - 142	10	30
Benzene			10.0	9.59		ug/L		96	68 - 134	15	30
Bromobenzene			10.0	9.52		ug/L		95	70 - 130	16	30
Bromoform			10.0	8.78		ug/L		88	65 - 130	22	30
Bromomethane			10.0	7.29		ug/L		73	22 - 150	20	30
2-Butanone (MEK)			100	101		ug/L		101	63 - 140	9	30
Carbon disulfide			10.0	6.02		ug/L		60	30 - 150	16	30
Carbon tetrachloride			10.0	10.2		ug/L		102	61 - 134	9	30
Chlorobenzene			10.0	9.30		ug/L		93	70 - 130	16	30
Chlorobromomethane			10.0	9.83		ug/L		98	70 - 130	16	30
Chlorodibromomethane			10.0	10.5		ug/L		105	70 - 130	14	30
Chloroethane			10.0	9.52		ug/L		95	39 - 150	12	30
Chloroform			10.0	10.1		ug/L		101	68 - 130	18	30
Chloromethane			10.0	8.63		ug/L		86	35 - 150	10	30
2-Chlorotoluene			10.0	9.25		ug/L		92	70 - 130	17	30
4-Chlorotoluene			10.0	9.14		ug/L		91	70 - 130	12	30
cis-1,2-Dichloroethene			10.0	10.1		ug/L		101	66 - 130	17	30
cis-1,3-Dichloropropene			10.0	8.48		ug/L		85	70 - 130	19	30
1,2-Dibromo-3-Chloropropane			10.0	9.12		ug/L		91	63 - 130	18	30
Dibromomethane			10.0	10.1		ug/L		101	70 - 130	14	30
1,2-Dichlorobenzene			10.0	9.83		ug/L		98	70 - 130	14	30
1,3-Dichlorobenzene			10.0	9.45		ug/L		94	70 - 130	19	30
1,4-Dichlorobenzene			10.0	9.65		ug/L		97	70 - 130	16	30
Dichlorobromomethane			10.0	10.2		ug/L		102	70 - 130	13	30
Dichlorodifluoromethane			10.0	6.87		ug/L		69	16 - 149	4	30
1,1-Dichloroethane			10.0	9.86		ug/L		99	66 - 130	11	30
1,2-Dichloroethane			10.0	10.7		ug/L		107	70 - 130	14	30
1,1-Dichloroethene			10.0	7.09		ug/L		71	51 - 150	24	30
1,2-Dichloropropane			10.0	10.5		ug/L		105	70 - 130	1	30
1,3-Dichloropropane			10.0	9.36		ug/L		94	70 - 130	17	30
2,2-Dichloropropane			10.0	10.4		ug/L		104	66 - 134	13	30
1,1-Dichloropropene			10.0	9.76		ug/L		98	65 - 136	17	30
Ethylbenzene			10.0	9.88		ug/L		99	70 - 130	14	30
Ethylene Dibromide			10.0	9.91		ug/L		99	66 - 130	20	30
Hexachlorobutadiene			10.0	10.6		ug/L		106	62 - 143	12	30
2-Hexanone			100	109		ug/L		109	60 - 148	8	30
Isopropylbenzene			10.0	9.28		ug/L		93	62 - 130	16	30
4-Isopropyltoluene			10.0	9.44		ug/L		94	65 - 134	19	30
Methylene Chloride			10.0	9.67	I	ug/L		97	57 - 130	17	30
4-Methyl-2-pentanone (MIBK)			100	103		ug/L		103	64 - 137	9	30
Methyl tert-butyl ether			10.0	10.1		ug/L		101	67 - 130	13	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172815/6
Matrix: Water
Analysis Batch: 172815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	9.60		ug/L		96	50 - 136	20	30
n-Butylbenzene			10.0	8.20		ug/L		82	61 - 131	15	30
N-Propylbenzene			10.0	9.33		ug/L		93	67 - 130	15	30
o-Xylene			10.0	9.74		ug/L		97	69 - 130	13	30
sec-Butylbenzene			10.0	9.16		ug/L		92	68 - 133	19	30
Styrene			10.0	9.44		ug/L		94	68 - 131	17	30
tert-Butylbenzene			10.0	9.46		ug/L		95	64 - 130	15	30
1,1,1,2-Tetrachloroethane			10.0	9.84		ug/L		98	70 - 130	11	30
1,1,2,2-Tetrachloroethane			10.0	8.56		ug/L		86	70 - 130	18	30
Tetrachloroethene			10.0	9.73		ug/L		97	50 - 143	10	30
Toluene			10.0	9.79		ug/L		98	70 - 131	13	30
trans-1,2-Dichloroethene			10.0	8.86		ug/L		89	62 - 139	19	30
trans-1,3-Dichloropropene			10.0	10.1		ug/L		101	67 - 130	16	30
1,2,3-Trichlorobenzene			10.0	10.1		ug/L		101	58 - 132	17	30
1,2,4-Trichlorobenzene			10.0	10.1		ug/L		101	66 - 130	11	30
1,1,1-Trichloroethane			10.0	10.3		ug/L		103	63 - 132	12	30
1,1,2-Trichloroethane			10.0	9.65		ug/L		97	70 - 130	16	30
Trichloroethene			10.0	9.15		ug/L		91	63 - 139	29	30
Trichlorofluoromethane			10.0	10.3		ug/L		103	62 - 146	12	30
1,2,3-Trichloropropane			10.0	9.04		ug/L		90	66 - 130	11	30
1,2,4-Trimethylbenzene			10.0	9.16		ug/L		92	70 - 132	19	30
1,3,5-Trimethylbenzene			10.0	9.22		ug/L		92	65 - 134	19	30
Vinyl chloride			10.0	9.00		ug/L		90	48 - 147	18	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 660-75504-C-2 MS
Matrix: Water
Analysis Batch: 172815

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	99.5		ug/L		100	62 - 142
Benzene	0.50	U	10.0	9.61		ug/L		96	68 - 134
Bromobenzene	0.58	U	10.0	9.15		ug/L		91	70 - 130
Bromoform	0.63	U	10.0	8.98		ug/L		90	65 - 130
Bromomethane	2.5	U	10.0	7.33		ug/L		73	22 - 150
2-Butanone (MEK)	8.4	U	100	96.3		ug/L		96	63 - 140
Carbon disulfide	1.0	U	10.0	5.58		ug/L		56	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.85		ug/L		99	61 - 134
Chlorobenzene	0.63	U	10.0	10.1		ug/L		101	70 - 130
Chlorobromomethane	0.58	U	10.0	9.43		ug/L		94	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.4		ug/L		104	70 - 130
Chloroethane	2.5	U	10.0	9.89		ug/L		99	39 - 150
Chloroform	0.90	U	10.0	10.5		ug/L		105	68 - 130
Chloromethane	1.0	U	10.0	7.81		ug/L		78	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75504-C-2 MS
Matrix: Water
Analysis Batch: 172815

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	8.85		ug/L		88	70 - 130
4-Chlorotoluene	0.52	U	10.0	8.51		ug/L		85	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.2		ug/L		102	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.80		ug/L		78	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.45		ug/L		84	63 - 130
Dibromomethane	0.46	U	10.0	10.9		ug/L		109	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.36		ug/L		94	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.48		ug/L		95	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.27		ug/L		93	70 - 130
Dichlorobromomethane	0.44	U	10.0	9.89		ug/L		99	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	5.52		ug/L		55	16 - 149
1,1-Dichloroethane	0.52	U	10.0	9.70		ug/L		97	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.1		ug/L		111	70 - 130
1,1-Dichloroethene	0.67	U	10.0	7.46		ug/L		75	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.84		ug/L		88	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.17		ug/L		92	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.60		ug/L		96	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.55		ug/L		95	65 - 136
Ethylbenzene	0.44	U	10.0	10.4		ug/L		104	70 - 130
Ethylene Dibromide	0.50	U	10.0	9.88		ug/L		99	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.25		ug/L		92	62 - 143
2-Hexanone	4.4	U	100	107		ug/L		107	60 - 148
Isopropylbenzene	0.52	U	10.0	8.97		ug/L		90	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.40		ug/L		94	65 - 134
Methylene Chloride	5.0	U	10.0	10.3		ug/L		103	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	96.4		ug/L		96	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.85		ug/L		99	67 - 130
Naphthalene	2.5	U	10.0	9.17		ug/L		92	50 - 136
n-Butylbenzene	0.67	U	10.0	7.82		ug/L		78	61 - 131
N-Propylbenzene	0.59	U	10.0	8.88		ug/L		89	67 - 130
o-Xylene	0.50	U	10.0	9.96		ug/L		100	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.38		ug/L		94	68 - 133
Styrene	0.98	U	10.0	9.89		ug/L		99	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.37		ug/L		94	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.91		ug/L		99	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.02		ug/L		90	70 - 130
Tetrachloroethene	0.50	U	10.0	9.15		ug/L		91	50 - 143
Toluene	0.51	U	10.0	10.1		ug/L		101	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.52		ug/L		85	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.34		ug/L		93	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.28		ug/L		93	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.95		ug/L		89	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.8		ug/L		108	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.65		ug/L		97	70 - 130
Trichloroethene	0.61	U	10.0	9.67		ug/L		97	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.87		ug/L		99	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	8.83		ug/L		88	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.02		ug/L		90	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75504-C-2 MS
Matrix: Water
Analysis Batch: 172815

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	9.22		ug/L		92	65 - 134
Vinyl chloride	0.71	U	10.0	8.59		ug/L		86	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-75504-C-1 DU
Matrix: Water
Analysis Batch: 172815

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75504-C-1 DU
Matrix: Water
Analysis Batch: 172815

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-172530/7
Matrix: Water
Analysis Batch: 172530

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/06/16 11:59	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172530/4
Matrix: Water
Analysis Batch: 172530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	7.91		ug/L		79	50 - 150		

Lab Sample ID: LCSD 660-172530/5
Matrix: Water
Analysis Batch: 172530

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.25		ug/L		83	50 - 150	4	50

Lab Sample ID: 660-75400-1 MS
Matrix: Water
Analysis Batch: 172530

Client Sample ID: EW2001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U J3	10.0	6.88		ug/L		69	50 - 150		

Lab Sample ID: 660-75400-1 MSD
Matrix: Water
Analysis Batch: 172530

Client Sample ID: EW2001_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U J3	10.0	3.91	J3	ug/L		39	50 - 150	55	50

Lab Sample ID: MB 660-172539/7
Matrix: Water
Analysis Batch: 172539

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/07/16 12:48	1

Lab Sample ID: LCS 660-172539/4
Matrix: Water
Analysis Batch: 172539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	8.28		ug/L		83	50 - 150		

Lab Sample ID: LCSD 660-172539/5
Matrix: Water
Analysis Batch: 172539

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	7.93		ug/L		79	50 - 150	4	50

Lab Sample ID: 660-75400-21 MS
Matrix: Water
Analysis Batch: 172539

Client Sample ID: EW2021_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	7.20		ug/L		72	50 - 150		

Lab Sample ID: 660-75400-21 MSD
Matrix: Water
Analysis Batch: 172539

Client Sample ID: EW2021_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	8.82		ug/L		88	50 - 150	20	50

Lab Sample ID: MB 660-172568/7
Matrix: Water
Analysis Batch: 172568

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/08/16 12:57	1

Lab Sample ID: LCS 660-172568/4
Matrix: Water
Analysis Batch: 172568

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.35		ug/L		73	50 - 150

Lab Sample ID: LCSD 660-172568/5
Matrix: Water
Analysis Batch: 172568

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	7.52		ug/L		75	50 - 150	2	50

Lab Sample ID: 660-75400-41 MS
Matrix: Water
Analysis Batch: 172568

Client Sample ID: EW2104_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	52		10.0	63.0		ug/L		111	50 - 150

Lab Sample ID: 660-75400-41 MSD
Matrix: Water
Analysis Batch: 172568

Client Sample ID: EW2104_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	52		10.0	57.0		ug/L		51	50 - 150	10	50

Lab Sample ID: MB 660-172624/7
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/09/16 13:55	1

Lab Sample ID: LCS 660-172624/4
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.74		ug/L		77	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172624/5
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	6.83		ug/L		68	50 - 150	12	50

Lab Sample ID: 660-75420-D-2 MS
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	7.33		ug/L		73	50 - 150		

Lab Sample ID: 660-75420-D-2 MSD
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	7.45		ug/L		75	50 - 150	2	50

Lab Sample ID: MB 660-172658/7
Matrix: Water
Analysis Batch: 172658

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/10/16 09:37	1

Lab Sample ID: LCS 660-172658/4
Matrix: Water
Analysis Batch: 172658

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	8.88		ug/L		89	50 - 150		

Lab Sample ID: LCSD 660-172658/5
Matrix: Water
Analysis Batch: 172658

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	7.51		ug/L		75	50 - 150	17	50

Lab Sample ID: 660-75400-76 MS
Matrix: Water
Analysis Batch: 172658

Client Sample ID: EW4008_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	7.2		10.0	19.5		ug/L		123	50 - 150		

Lab Sample ID: 660-75400-76 MSD
Matrix: Water
Analysis Batch: 172658

Client Sample ID: EW4008_INF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	7.2		10.0	16.9		ug/L		97	50 - 150	14	50

Lab Sample ID: MB 660-172739/7
Matrix: Water
Analysis Batch: 172739

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/12/16 09:28	1

Lab Sample ID: LCS 660-172739/4
Matrix: Water
Analysis Batch: 172739

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	8.80		ug/L		88	50 - 150		

Lab Sample ID: LCSD 660-172739/5
Matrix: Water
Analysis Batch: 172739

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.41		ug/L		84	50 - 150	4	50

Lab Sample ID: 680-128525-F-1 MS
Matrix: Water
Analysis Batch: 172739

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	2.2		10.0	11.5		ug/L		94	50 - 150		

Lab Sample ID: 680-128525-F-1 MSD
Matrix: Water
Analysis Batch: 172739

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	2.2		10.0	10.6		ug/L		85	50 - 150	8	50

GC/MS VOA

Analysis Batch: 172526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-1	EW2001_INF	Total/NA	Water	8260B	
660-75400-2	EW2002_INF	Total/NA	Water	8260B	
660-75400-5	EW2005_INF	Total/NA	Water	8260B	
660-75400-7	EW2007_INF	Total/NA	Water	8260B	
660-75400-8	EW2008_INF	Total/NA	Water	8260B	
660-75400-9	EW2009_INF	Total/NA	Water	8260B	
660-75400-10	EW2010_INF	Total/NA	Water	8260B	
660-75400-11	EW2011_INF	Total/NA	Water	8260B	
660-75400-12	EW2012_INF	Total/NA	Water	8260B	
660-75400-13	EW2013_INF	Total/NA	Water	8260B	
660-75400-15	EW2015_INF	Total/NA	Water	8260B	
660-75400-17	EW2017_INF	Total/NA	Water	8260B	
660-75400-19	EW2019_INF	Total/NA	Water	8260B	
660-75400-20	EW2020_INF	Total/NA	Water	8260B	
MB 660-172526/7	Method Blank	Total/NA	Water	8260B	
LCS 660-172526/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172526/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75400-2 MS	EW2002_INF	Total/NA	Water	8260B	
660-75400-1 DU	EW2001_INF	Total/NA	Water	8260B	

Analysis Batch: 172528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-21	EW2021_INF	Total/NA	Water	8260B	
660-75400-22	EW2022_INF	Total/NA	Water	8260B	
660-75400-23	EW2023_INF	Total/NA	Water	8260B	
660-75400-24	EW2024_INF	Total/NA	Water	8260B	
660-75400-25	EW2025_INF	Total/NA	Water	8260B	
660-75400-26	EW2026_INF	Total/NA	Water	8260B	
660-75400-27	EW2027_INF	Total/NA	Water	8260B	
660-75400-28 - DL	EW2028_INF	Total/NA	Water	8260B	
660-75400-28	EW2028_INF	Total/NA	Water	8260B	
660-75400-29	EW2029_INF	Total/NA	Water	8260B	
660-75400-30	EW2030_INF	Total/NA	Water	8260B	
660-75400-31	EW2031_INF	Total/NA	Water	8260B	
660-75400-32	EW2032_INF	Total/NA	Water	8260B	
660-75400-33	EW2033_INF	Total/NA	Water	8260B	
660-75400-34	EW2034_INF	Total/NA	Water	8260B	
660-75400-35	EW2035_INF	Total/NA	Water	8260B	
660-75400-36	EW2036_INF	Total/NA	Water	8260B	
660-75400-37	EW2037_INF	Total/NA	Water	8260B	
660-75400-38	EW2101_INF	Total/NA	Water	8260B	
MB 660-172528/7	Method Blank	Total/NA	Water	8260B	
LCS 660-172528/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172528/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75400-22 MS	EW2022_INF	Total/NA	Water	8260B	
660-75400-21 DU	EW2021_INF	Total/NA	Water	8260B	

Analysis Batch: 172530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-1	EW2001_INF	Total/NA	Water	8260C SIM	
660-75400-2	EW2002_INF	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 172530 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-3	EW2003_INF	Total/NA	Water	8260C SIM	
660-75400-4	EW2004_INF	Total/NA	Water	8260C SIM	
660-75400-5	EW2005_INF	Total/NA	Water	8260C SIM	
660-75400-6	EW2006_INF	Total/NA	Water	8260C SIM	
660-75400-7	EW2007_INF	Total/NA	Water	8260C SIM	
660-75400-8	EW2008_INF	Total/NA	Water	8260C SIM	
660-75400-9	EW2009_INF	Total/NA	Water	8260C SIM	
660-75400-10	EW2010_INF	Total/NA	Water	8260C SIM	
660-75400-11	EW2011_INF	Total/NA	Water	8260C SIM	
660-75400-12	EW2012_INF	Total/NA	Water	8260C SIM	
660-75400-13	EW2013_INF	Total/NA	Water	8260C SIM	
660-75400-14	EW2014_INF	Total/NA	Water	8260C SIM	
660-75400-15	EW2015_INF	Total/NA	Water	8260C SIM	
660-75400-16	EW2016_INF	Total/NA	Water	8260C SIM	
660-75400-17	EW2017_INF	Total/NA	Water	8260C SIM	
660-75400-18	EW2018_INF	Total/NA	Water	8260C SIM	
660-75400-19	EW2019_INF	Total/NA	Water	8260C SIM	
660-75400-20	EW2020_INF	Total/NA	Water	8260C SIM	
MB 660-172530/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172530/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172530/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75400-1 MS	EW2001_INF	Total/NA	Water	8260C SIM	
660-75400-1 MSD	EW2001_INF	Total/NA	Water	8260C SIM	

Analysis Batch: 172539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-21	EW2021_INF	Total/NA	Water	8260C SIM	
660-75400-22	EW2022_INF	Total/NA	Water	8260C SIM	
660-75400-23	EW2023_INF	Total/NA	Water	8260C SIM	
660-75400-24	EW2024_INF	Total/NA	Water	8260C SIM	
660-75400-25	EW2025_INF	Total/NA	Water	8260C SIM	
660-75400-26	EW2026_INF	Total/NA	Water	8260C SIM	
660-75400-27	EW2027_INF	Total/NA	Water	8260C SIM	
660-75400-28	EW2028_INF	Total/NA	Water	8260C SIM	
660-75400-29	EW2029_INF	Total/NA	Water	8260C SIM	
660-75400-30	EW2030_INF	Total/NA	Water	8260C SIM	
660-75400-31	EW2031_INF	Total/NA	Water	8260C SIM	
660-75400-32	EW2032_INF	Total/NA	Water	8260C SIM	
660-75400-33	EW2033_INF	Total/NA	Water	8260C SIM	
660-75400-34	EW2034_INF	Total/NA	Water	8260C SIM	
660-75400-35	EW2035_INF	Total/NA	Water	8260C SIM	
660-75400-36	EW2036_INF	Total/NA	Water	8260C SIM	
660-75400-37	EW2037_INF	Total/NA	Water	8260C SIM	
660-75400-38	EW2101_INF	Total/NA	Water	8260C SIM	
660-75400-39	EW2102_INF	Total/NA	Water	8260C SIM	
MB 660-172539/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172539/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172539/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75400-21 MS	EW2021_INF	Total/NA	Water	8260C SIM	
660-75400-21 MSD	EW2021_INF	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 172545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-41	EW2104_INF	Total/NA	Water	8260B	
660-75400-42	EW3001_INF	Total/NA	Water	8260B	
660-75400-43	EW3002_INF	Total/NA	Water	8260B	
660-75400-44	EW3003_INF	Total/NA	Water	8260B	
660-75400-45	EW3004_INF	Total/NA	Water	8260B	
660-75400-46 - DL	EW3005_INF	Total/NA	Water	8260B	
660-75400-46	EW3005_INF	Total/NA	Water	8260B	
660-75400-48	EW3007_INF	Total/NA	Water	8260B	
660-75400-49 - DL	EW3008_INF	Total/NA	Water	8260B	
660-75400-49	EW3008_INF	Total/NA	Water	8260B	
660-75400-50 - DL	EW3009_INF	Total/NA	Water	8260B	
660-75400-50	EW3009_INF	Total/NA	Water	8260B	
660-75400-51	EW3010_INF	Total/NA	Water	8260B	
660-75400-52	EW3011_INF	Total/NA	Water	8260B	
660-75400-53 - DL	EW3012_INF	Total/NA	Water	8260B	
660-75400-53	EW3012_INF	Total/NA	Water	8260B	
660-75400-54 - DL	EW3013_INF	Total/NA	Water	8260B	
660-75400-54	EW3013_INF	Total/NA	Water	8260B	
MB 660-172545/7	Method Blank	Total/NA	Water	8260B	
LCS 660-172545/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172545/6	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75400-42 MS	EW3001_INF	Total/NA	Water	8260B	
660-75400-41 DU	EW2104_INF	Total/NA	Water	8260B	

Analysis Batch: 172547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-55	EW3014_INF	Total/NA	Water	8260B	
660-75400-56 - DL	EW3015_INF	Total/NA	Water	8260B	
660-75400-56	EW3015_INF	Total/NA	Water	8260B	
660-75400-57	EW3016_INF	Total/NA	Water	8260B	
660-75400-58 - DL	EW3017_INF	Total/NA	Water	8260B	
660-75400-58	EW3017_INF	Total/NA	Water	8260B	
660-75400-59	EW3018_INF	Total/NA	Water	8260B	
660-75400-60	EW3019_INF	Total/NA	Water	8260B	
660-75400-61	EW3020_INF	Total/NA	Water	8260B	
660-75400-62 - DL	EW3021_INF	Total/NA	Water	8260B	
660-75400-62	EW3021_INF	Total/NA	Water	8260B	
660-75400-63	EW3022_INF	Total/NA	Water	8260B	
MB 660-172547/7	Method Blank	Total/NA	Water	8260B	
LCS 660-172547/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172547/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75365-C-6 MS	Matrix Spike	Total/NA	Water	8260B	
660-75365-C-1 DU	Duplicate	Total/NA	Water	8260B	

Analysis Batch: 172568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-41	EW2104_INF	Total/NA	Water	8260C SIM	
660-75400-42	EW3001_INF	Total/NA	Water	8260C SIM	
660-75400-43	EW3002_INF	Total/NA	Water	8260C SIM	
660-75400-44	EW3003_INF	Total/NA	Water	8260C SIM	
660-75400-45	EW3004_INF	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 172568 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-46	EW3005_INF	Total/NA	Water	8260C SIM	
660-75400-47	EW3006_INF	Total/NA	Water	8260C SIM	
660-75400-48	EW3007_INF	Total/NA	Water	8260C SIM	
660-75400-49	EW3008_INF	Total/NA	Water	8260C SIM	
660-75400-50	EW3009_INF	Total/NA	Water	8260C SIM	
660-75400-51	EW3010_INF	Total/NA	Water	8260C SIM	
660-75400-52	EW3011_INF	Total/NA	Water	8260C SIM	
660-75400-53	EW3012_INF	Total/NA	Water	8260C SIM	
660-75400-54	EW3013_INF	Total/NA	Water	8260C SIM	
660-75400-55	EW3014_INF	Total/NA	Water	8260C SIM	
660-75400-56	EW3015_INF	Total/NA	Water	8260C SIM	
660-75400-57	EW3016_INF	Total/NA	Water	8260C SIM	
660-75400-58	EW3017_INF	Total/NA	Water	8260C SIM	
660-75400-59	EW3018_INF	Total/NA	Water	8260C SIM	
660-75400-60	EW3019_INF	Total/NA	Water	8260C SIM	
MB 660-172568/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172568/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172568/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75400-41 MS	EW2104_INF	Total/NA	Water	8260C SIM	
660-75400-41 MSD	EW2104_INF	Total/NA	Water	8260C SIM	

Analysis Batch: 172594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-65	EW3024_INF	Total/NA	Water	8260B	
660-75400-67	EW3026_INF	Total/NA	Water	8260B	
660-75400-69	EW4001_INF	Total/NA	Water	8260B	
660-75400-70	EW4002_INF	Total/NA	Water	8260B	
660-75400-71 - DL	EW4003_INF	Total/NA	Water	8260B	
660-75400-71	EW4003_INF	Total/NA	Water	8260B	
660-75400-72	EW4004_INF	Total/NA	Water	8260B	
660-75400-73	EW4005_INF	Total/NA	Water	8260B	
660-75400-74	EW4006_INF	Total/NA	Water	8260B	
660-75400-75	EW4007_INF	Total/NA	Water	8260B	
660-75400-76	EW4008_INF	Total/NA	Water	8260B	
660-75400-77	EW4009_INF	Total/NA	Water	8260B	
660-75400-78	EW4010_INF	Total/NA	Water	8260B	
660-75400-79	EW4011_INF	Total/NA	Water	8260B	
660-75400-80	EW5001_INF	Total/NA	Water	8260B	
660-75400-81	EW5002_INF	Total/NA	Water	8260B	
660-75400-82	Trip Blank 1	Total/NA	Water	8260B	
660-75400-83	Trip Blank 2	Total/NA	Water	8260B	
660-75400-84	Trip Blank 3	Total/NA	Water	8260B	
MB 660-172594/7	Method Blank	Total/NA	Water	8260B	
LCS 660-172594/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172594/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75400-67 DU	EW3026_INF	Total/NA	Water	8260B	

Analysis Batch: 172600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-64 - DL	EW3023_INF	Total/NA	Water	8260B	
660-75400-64	EW3023_INF	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 172600 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-66 - DL	EW3025_INF	Total/NA	Water	8260B	
660-75400-66	EW3025_INF	Total/NA	Water	8260B	
660-75400-68 - DL	EW3027_INF	Total/NA	Water	8260B	
660-75400-68	EW3027_INF	Total/NA	Water	8260B	
MB 660-172600/7	Method Blank	Total/NA	Water	8260B	
LCS 660-172600/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172600/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75420-D-3 MS	Matrix Spike	Total/NA	Water	8260B	
660-75420-B-2 DU	Duplicate	Total/NA	Water	8260B	

Analysis Batch: 172624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-62	EW3021_INF	Total/NA	Water	8260C SIM	
660-75400-64	EW3023_INF	Total/NA	Water	8260C SIM	
660-75400-65	EW3024_INF	Total/NA	Water	8260C SIM	
660-75400-67	EW3026_INF	Total/NA	Water	8260C SIM	
660-75400-68	EW3027_INF	Total/NA	Water	8260C SIM	
660-75400-69	EW4001_INF	Total/NA	Water	8260C SIM	
660-75400-70	EW4002_INF	Total/NA	Water	8260C SIM	
660-75400-71	EW4003_INF	Total/NA	Water	8260C SIM	
660-75400-72	EW4004_INF	Total/NA	Water	8260C SIM	
MB 660-172624/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172624/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172624/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75420-D-2 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-75420-D-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	

Analysis Batch: 172654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-3	EW2003_INF	Total/NA	Water	8260B	
660-75400-4	EW2004_INF	Total/NA	Water	8260B	
660-75400-6	EW2006_INF	Total/NA	Water	8260B	
660-75400-14	EW2014_INF	Total/NA	Water	8260B	
660-75400-16	EW2016_INF	Total/NA	Water	8260B	
660-75400-18	EW2018_INF	Total/NA	Water	8260B	
660-75400-60 - DL	EW3019_INF	Total/NA	Water	8260B	
MB 660-172654/7	Method Blank	Total/NA	Water	8260B	
LCS 660-172654/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172654/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75400-4 MS	EW2004_INF	Total/NA	Water	8260B	
660-75400-3 DU	EW2003_INF	Total/NA	Water	8260B	

Analysis Batch: 172658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-73	EW4005_INF	Total/NA	Water	8260C SIM	
660-75400-74	EW4006_INF	Total/NA	Water	8260C SIM	
660-75400-75	EW4007_INF	Total/NA	Water	8260C SIM	
660-75400-76	EW4008_INF	Total/NA	Water	8260C SIM	
660-75400-77	EW4009_INF	Total/NA	Water	8260C SIM	
660-75400-78	EW4010_INF	Total/NA	Water	8260C SIM	
660-75400-79	EW4011_INF	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 172658 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-80	EW5001_INF	Total/NA	Water	8260C SIM	
660-75400-81	EW5002_INF	Total/NA	Water	8260C SIM	
660-75400-82	Trip Blank 1	Total/NA	Water	8260C SIM	
660-75400-83	Trip Blank 2	Total/NA	Water	8260C SIM	
660-75400-84	Trip Blank 3	Total/NA	Water	8260C SIM	
MB 660-172658/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172658/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172658/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75400-76 MS	EW4008_INF	Total/NA	Water	8260C SIM	
660-75400-76 MSD	EW4008_INF	Total/NA	Water	8260C SIM	

Analysis Batch: 172739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-40	EW2103_INF	Total/NA	Water	8260C SIM	
660-75400-61	EW3020_INF	Total/NA	Water	8260C SIM	
660-75400-63	EW3022_INF	Total/NA	Water	8260C SIM	
660-75400-66	EW3025_INF	Total/NA	Water	8260C SIM	
MB 660-172739/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172739/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172739/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
680-128525-F-1 MS	Matrix Spike	Total/NA	Water	8260C SIM	
680-128525-F-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	

Analysis Batch: 172815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75400-39	EW2102_INF	Total/NA	Water	8260B	
660-75400-40	EW2103_INF	Total/NA	Water	8260B	
660-75400-47	EW3006_INF	Total/NA	Water	8260B	
MB 660-172815/8	Method Blank	Total/NA	Water	8260B	
LCS 660-172815/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172815/6	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75504-C-2 MS	Matrix Spike	Total/NA	Water	8260B	
660-75504-C-1 DU	Duplicate	Total/NA	Water	8260B	

Client Sample ID: EW2001_INF
Date Collected: 08/04/16 08:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 12:42	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 12:27	TGP	TAL TAM

Client Sample ID: EW2002_INF
Date Collected: 08/04/16 08:28
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 13:20	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 13:40	TGP	TAL TAM

Client Sample ID: EW2003_INF
Date Collected: 08/04/16 08:34
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172654	08/10/16 10:13	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 13:59	TGP	TAL TAM

Client Sample ID: EW2004_INF
Date Collected: 08/04/16 08:42
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172654	08/10/16 10:50	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 14:17	TGP	TAL TAM

Client Sample ID: EW2005_INF
Date Collected: 08/04/16 08:47
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 14:54	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 14:42	TGP	TAL TAM

Client Sample ID: EW2006_INF
Date Collected: 08/04/16 08:57
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172654	08/10/16 11:46	K1P	TAL TAM

Client Sample ID: EW2006_INF
Date Collected: 08/04/16 08:57
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 15:00	TGP	TAL TAM

Client Sample ID: EW2007_INF
Date Collected: 08/04/16 09:03
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 15:32	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 15:20	TGP	TAL TAM

Client Sample ID: EW2008_INF
Date Collected: 08/04/16 10:18
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 15:51	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 15:38	TGP	TAL TAM

Client Sample ID: EW2009_INF
Date Collected: 08/04/16 10:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 16:10	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 15:57	TGP	TAL TAM

Client Sample ID: EW2010_INF
Date Collected: 08/04/16 10:22
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 16:29	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 16:17	TGP	TAL TAM

Client Sample ID: EW2011_INF
Date Collected: 08/04/16 10:26
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 16:48	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 16:36	TGP	TAL TAM

Client Sample ID: EW2012_INF
Date Collected: 08/04/16 09:32
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 17:07	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 16:58	TGP	TAL TAM

Client Sample ID: EW2013_INF
Date Collected: 08/04/16 09:27
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 17:25	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 17:16	TGP	TAL TAM

Client Sample ID: EW2014_INF
Date Collected: 08/04/16 12:59
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172654	08/10/16 12:42	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 17:35	TGP	TAL TAM

Client Sample ID: EW2015_INF
Date Collected: 08/04/16 14:23
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 17:44	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 17:53	TGP	TAL TAM

Client Sample ID: EW2016_INF
Date Collected: 08/05/16 08:01
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172654	08/10/16 12:05	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 18:11	TGP	TAL TAM

Client Sample ID: EW2017_INF
Date Collected: 08/05/16 07:44
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 18:22	K1P	TAL TAM

Client Sample ID: EW2017_INF
Date Collected: 08/05/16 07:44
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 18:30	TGP	TAL TAM

Client Sample ID: EW2018_INF
Date Collected: 08/05/16 08:06
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172654	08/10/16 12:23	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 18:48	TGP	TAL TAM

Client Sample ID: EW2019_INF
Date Collected: 08/05/16 08:13
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 18:41	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 19:09	TGP	TAL TAM

Client Sample ID: EW2020_INF
Date Collected: 08/05/16 07:52
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172526	08/06/16 19:00	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172530	08/06/16 19:27	TGP	TAL TAM

Client Sample ID: EW2021_INF
Date Collected: 08/05/16 08:11
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 12:58	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 13:26	TGP	TAL TAM

Client Sample ID: EW2022_INF
Date Collected: 08/05/16 07:56
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 13:37	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 14:45	TGP	TAL TAM

Client Sample ID: EW2023_INF
Lab Sample ID: 660-75400-23
Date Collected: 08/05/16 07:58
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 14:36	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 15:03	TGP	TAL TAM

Client Sample ID: EW2024_INF
Lab Sample ID: 660-75400-24
Date Collected: 08/05/16 07:54
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 18:13	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 15:22	TGP	TAL TAM

Client Sample ID: EW2025_INF
Lab Sample ID: 660-75400-25
Date Collected: 08/05/16 08:16
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 14:56	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 15:40	TGP	TAL TAM

Client Sample ID: EW2026_INF
Lab Sample ID: 660-75400-26
Date Collected: 08/05/16 07:06
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 15:16	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 15:58	TGP	TAL TAM

Client Sample ID: EW2027_INF
Lab Sample ID: 660-75400-27
Date Collected: 08/05/16 06:52
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 15:35	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 16:18	TGP	TAL TAM

Client Sample ID: EW2028_INF
Lab Sample ID: 660-75400-28
Date Collected: 08/05/16 07:02
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	172528	08/06/16 19:32	K1P	TAL TAM

Client Sample ID: EW2028_INF
Date Collected: 08/05/16 07:02
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-28
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 19:51	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 16:38	TGP	TAL TAM

Client Sample ID: EW2029_INF
Date Collected: 08/05/16 07:28
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-29
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 18:33	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 16:57	TGP	TAL TAM

Client Sample ID: EW2030_INF
Date Collected: 08/05/16 06:47
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 15:55	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 17:16	TGP	TAL TAM

Client Sample ID: EW2031_INF
Date Collected: 08/05/16 06:41
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-31
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 16:15	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 17:39	TGP	TAL TAM

Client Sample ID: EW2032_INF
Date Collected: 08/05/16 07:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-32
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 18:52	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 17:59	TGP	TAL TAM

Client Sample ID: EW2033_INF
Date Collected: 08/05/16 07:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-33
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 20:31	K1P	TAL TAM

Client Sample ID: EW2033_INF
Date Collected: 08/05/16 07:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-33
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 18:18	TGP	TAL TAM

Client Sample ID: EW2034_INF
Date Collected: 08/04/16 14:46
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-34
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 16:35	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 18:36	TGP	TAL TAM

Client Sample ID: EW2035_INF
Date Collected: 08/04/16 12:46
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-35
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 16:54	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 18:58	TGP	TAL TAM

Client Sample ID: EW2036_INF
Date Collected: 08/04/16 10:58
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-36
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 17:14	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 19:18	TGP	TAL TAM

Client Sample ID: EW2037_INF
Date Collected: 08/04/16 14:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-37
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 17:34	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 19:36	TGP	TAL TAM

Client Sample ID: EW2101_INF
Date Collected: 08/04/16 07:43
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-38
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172528	08/06/16 17:53	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 19:57	TGP	TAL TAM

Client Sample ID: EW2102_INF
Lab Sample ID: 660-75400-39
Date Collected: 08/04/16 07:34
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172815	08/15/16 16:23	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172539	08/07/16 20:16	TGP	TAL TAM

Client Sample ID: EW2103_INF
Lab Sample ID: 660-75400-40
Date Collected: 08/04/16 13:58
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172815	08/15/16 16:43	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172739	08/12/16 09:47	ECC	TAL TAM

Client Sample ID: EW2104_INF
Lab Sample ID: 660-75400-41
Date Collected: 08/04/16 14:04
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172545	08/08/16 10:10	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 13:37	TGP	TAL TAM

Client Sample ID: EW3001_INF
Lab Sample ID: 660-75400-42
Date Collected: 08/04/16 10:38
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172545	08/08/16 10:49	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 14:51	TGP	TAL TAM

Client Sample ID: EW3002_INF
Lab Sample ID: 660-75400-43
Date Collected: 08/04/16 10:44
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172545	08/08/16 12:28	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 15:11	TGP	TAL TAM

Client Sample ID: EW3003_INF
Lab Sample ID: 660-75400-44
Date Collected: 08/04/16 10:50
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172545	08/08/16 12:08	K1P	TAL TAM

Client Sample ID: EW3003_INF
Date Collected: 08/04/16 10:50
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-44
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 15:30	TGP	TAL TAM

Client Sample ID: EW3004_INF
Date Collected: 08/05/16 08:30
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-45
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172545	08/08/16 13:07	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 15:48	TGP	TAL TAM

Client Sample ID: EW3005_INF
Date Collected: 08/05/16 08:23
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-46
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	172545	08/08/16 15:25	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	172545	08/08/16 15:45	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 16:07	TGP	TAL TAM

Client Sample ID: EW3006_INF
Date Collected: 08/05/16 08:34
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-47
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	5 mL	5 mL	172815	08/15/16 16:03	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 16:26	TGP	TAL TAM

Client Sample ID: EW3007_INF
Date Collected: 08/05/16 08:20
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-48
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172545	08/08/16 12:47	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 16:44	TGP	TAL TAM

Client Sample ID: EW3008_INF
Date Collected: 08/05/16 08:09
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-49
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	5 mL	5 mL	172545	08/08/16 14:46	K1P	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW3008_INF
Date Collected: 08/05/16 08:09
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-49
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172545	08/08/16 17:04	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 17:04	TGP	TAL TAM

Client Sample ID: EW3009_INF
Date Collected: 08/05/16 06:57
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-50
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	5 mL	5 mL	172545	08/08/16 14:26	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	172545	08/08/16 17:43	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 17:24	TGP	TAL TAM

Client Sample ID: EW3010_INF
Date Collected: 08/05/16 07:33
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-51
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172545	08/08/16 13:27	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		5	5 mL	5 mL	172568	08/08/16 17:44	TGP	TAL TAM

Client Sample ID: EW3011_INF
Date Collected: 08/04/16 14:43
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-52
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172545	08/08/16 11:48	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 20:25	TGP	TAL TAM

Client Sample ID: EW3012_INF
Date Collected: 08/04/16 07:20
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-53
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	50	5 mL	5 mL	172545	08/08/16 14:06	K1P	TAL TAM
Total/NA	Analysis	8260B		5	5 mL	5 mL	172545	08/08/16 18:22	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		5	5 mL	5 mL	172568	08/08/16 18:02	TGP	TAL TAM

Client Sample ID: EW3013_INF

Lab Sample ID: 660-75400-54

Date Collected: 08/04/16 07:24

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	5 mL	5 mL	172545	08/08/16 13:46	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	172545	08/08/16 19:02	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 20:07	TGP	TAL TAM

Client Sample ID: EW3014_INF

Lab Sample ID: 660-75400-55

Date Collected: 08/04/16 07:27

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172547	08/08/16 13:22	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172568	08/08/16 20:46	TGP	TAL TAM

Client Sample ID: EW3015_INF

Lab Sample ID: 660-75400-56

Date Collected: 08/04/16 07:30

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	172547	08/08/16 15:53	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	172547	08/08/16 16:12	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		10	5 mL	5 mL	172568	08/08/16 18:26	TGP	TAL TAM

Client Sample ID: EW3016_INF

Lab Sample ID: 660-75400-57

Date Collected: 08/04/16 07:37

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172547	08/08/16 14:19	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		10	5 mL	5 mL	172568	08/08/16 18:44	TGP	TAL TAM

Client Sample ID: EW3017_INF

Lab Sample ID: 660-75400-58

Date Collected: 08/04/16 07:48

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	172547	08/08/16 15:34	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	172547	08/08/16 16:50	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		50	5 mL	5 mL	172568	08/08/16 19:03	TGP	TAL TAM

Client Sample ID: EW3018_INF

Lab Sample ID: 660-75400-59

Date Collected: 08/04/16 08:00

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172547	08/08/16 14:00	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		10	5 mL	5 mL	172568	08/08/16 19:23	TGP	TAL TAM

Client Sample ID: EW3019_INF

Lab Sample ID: 660-75400-60

Date Collected: 08/04/16 07:52

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172547	08/08/16 14:38	K1P	TAL TAM
Total/NA	Analysis	8260B	DL	5	5 mL	5 mL	172654	08/10/16 13:00	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		10	5 mL	5 mL	172568	08/08/16 19:43	TGP	TAL TAM

Client Sample ID: EW3020_INF

Lab Sample ID: 660-75400-61

Date Collected: 08/04/16 08:36

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172547	08/08/16 14:57	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		10	5 mL	5 mL	172739	08/12/16 11:07	ECC	TAL TAM

Client Sample ID: EW3021_INF

Lab Sample ID: 660-75400-62

Date Collected: 08/04/16 13:06

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	172547	08/08/16 15:15	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	172547	08/08/16 17:27	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		2	5 mL	5 mL	172624	08/09/16 18:16	TGP	TAL TAM

Client Sample ID: EW3022_INF

Lab Sample ID: 660-75400-63

Date Collected: 08/04/16 13:31

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172547	08/08/16 13:41	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		10	5 mL	5 mL	172739	08/12/16 11:26	ECC	TAL TAM

Client Sample ID: EW3023_INF

Lab Sample ID: 660-75400-64

Date Collected: 08/04/16 07:15

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	5 mL	5 mL	172600	08/09/16 14:11	K1P	TAL TAM
Total/NA	Analysis	8260B		2	5 mL	5 mL	172600	08/09/16 14:29	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		5	5 mL	5 mL	172624	08/09/16 18:56	TGP	TAL TAM

Client Sample ID: EW3024_INF

Lab Sample ID: 660-75400-65

Date Collected: 08/05/16 07:48

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 10:55	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172624	08/09/16 21:10	TGP	TAL TAM

Client Sample ID: EW3025_INF

Lab Sample ID: 660-75400-66

Date Collected: 08/04/16 13:19

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	5 mL	5 mL	172600	08/09/16 13:52	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	172600	08/09/16 15:06	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		2	5 mL	5 mL	172739	08/12/16 11:46	ECC	TAL TAM

Client Sample ID: EW3026_INF

Lab Sample ID: 660-75400-67

Date Collected: 08/04/16 13:13

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 10:16	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		5	5 mL	5 mL	172624	08/09/16 19:35	TGP	TAL TAM

Client Sample ID: EW3027_INF

Lab Sample ID: 660-75400-68

Date Collected: 08/05/16 07:21

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	5 mL	5 mL	172600	08/09/16 13:33	K1P	TAL TAM
Total/NA	Analysis	8260B		2	5 mL	5 mL	172600	08/09/16 15:43	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		5	5 mL	5 mL	172624	08/09/16 19:54	TGP	TAL TAM

Client Sample ID: EW4001_INF

Lab Sample ID: 660-75400-69

Date Collected: 08/04/16 11:02

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 12:54	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172624	08/09/16 20:15	TGP	TAL TAM

Client Sample ID: EW4002_INF

Lab Sample ID: 660-75400-70

Date Collected: 08/04/16 10:41

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 13:13	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172624	08/09/16 20:33	TGP	TAL TAM

Client Sample ID: EW4003_INF

Lab Sample ID: 660-75400-71

Date Collected: 08/05/16 08:14

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	50	5 mL	5 mL	172594	08/09/16 16:50	K1P	TAL TAM
Total/NA	Analysis	8260B		5	5 mL	5 mL	172594	08/09/16 17:10	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		5	5 mL	5 mL	172624	08/09/16 20:52	TGP	TAL TAM

Client Sample ID: EW4004_INF

Lab Sample ID: 660-75400-72

Date Collected: 08/04/16 14:29

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 13:33	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172624	08/09/16 21:29	TGP	TAL TAM

Client Sample ID: EW4005_INF

Lab Sample ID: 660-75400-73

Date Collected: 08/05/16 07:18

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 16:11	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		5	5 mL	5 mL	172658	08/10/16 14:47	ECC	TAL TAM

Client Sample ID: EW4006_INF
Lab Sample ID: 660-75400-74
Date Collected: 08/04/16 13:36
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 13:53	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172658	08/10/16 14:10	ECC	TAL TAM

Client Sample ID: EW4007_INF
Lab Sample ID: 660-75400-75
Date Collected: 08/04/16 13:24
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 14:13	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172658	08/10/16 14:29	ECC	TAL TAM

Client Sample ID: EW4008_INF
Lab Sample ID: 660-75400-76
Date Collected: 08/04/16 13:50
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 14:32	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172658	08/10/16 11:18	ECC	TAL TAM

Client Sample ID: EW4009_INF
Lab Sample ID: 660-75400-77
Date Collected: 08/04/16 08:15
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 14:52	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172658	08/10/16 13:15	ECC	TAL TAM

Client Sample ID: EW4010_INF
Lab Sample ID: 660-75400-78
Date Collected: 08/04/16 11:09
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 15:12	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172658	08/10/16 13:33	ECC	TAL TAM

Client Sample ID: EW4011_INF
Lab Sample ID: 660-75400-79
Date Collected: 08/04/16 11:14
Matrix: Water
Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 15:31	K1P	TAL TAM

Client Sample ID: EW4011_INF

Lab Sample ID: 660-75400-79

Date Collected: 08/04/16 11:14

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172658	08/10/16 13:52	ECC	TAL TAM

Client Sample ID: EW5001_INF

Lab Sample ID: 660-75400-80

Date Collected: 08/05/16 07:10

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 15:51	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172658	08/10/16 12:34	ECC	TAL TAM

Client Sample ID: EW5002_INF

Lab Sample ID: 660-75400-81

Date Collected: 08/04/16 12:50

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 16:30	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172658	08/10/16 12:53	ECC	TAL TAM

Client Sample ID: Trip Blank 1

Lab Sample ID: 660-75400-82

Date Collected: 08/04/16 00:00

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 11:55	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172658	08/10/16 10:58	ECC	TAL TAM

Client Sample ID: Trip Blank 2

Lab Sample ID: 660-75400-83

Date Collected: 08/04/16 00:00

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 12:14	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172658	08/10/16 10:40	ECC	TAL TAM

Client Sample ID: Trip Blank 3

Lab Sample ID: 660-75400-84

Date Collected: 08/04/16 00:00

Matrix: Water

Date Received: 08/05/16 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172594	08/09/16 12:34	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172658	08/10/16 10:21	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-17

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee and John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com	
Company: AECOM			
Address: 1600 Tallevast Road	Due Date Requested: 8/19/16		
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Days		
Phone: 941-351-7959	PO # : 73752ACM		
Email: darrin.johnson@aecom.com	WO #: 60480333.09.01		
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Extraction Well Sampling	Project #: 6606091		
Site: TALLEVAST	SSOW#:		

COC No: 660-70143-22322.1
Page: Page 1 of 6
Job #:

Analysis Requested

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SC - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
Preservation Code:							X	X	A	A	
EW2001_INF	8/4/16	8:24	FS	GW	-	-	N	N	X	X	
EW2002_INF	8/4/16	8:28	FS	GW	-	-	N	N	X	X	
EW2003_INF	8/4/16	8:34	FS	GW	-	-	N	N	X	X	
EW2004_INF	8/4/16	8:42	FS	GW	-	-	N	N	X	X	
EW2005_INF	8/4/16	8:47	FS	GW	-	-	N	N	X	X	
EW2006_INF	8/4/16	8:57	FS	GW	-	-	N	N	X	X	
EW2007_INF	8/4/16	9:03	FS	GW	-	-	N	N	X	X	
EW2008_INF	8/4/16	10:18	FS	GW	-	-	N	N	X	X	
EW2009_INF	8/4/16	10:14	FS	GW	-	-	N	N	X	X	
EW2010_INF	8/4/16	10:22	FS	GW	-	-	N	N	X	X	
EW2011_INF	8/4/16	10:26	FS	GW	-	-	N	N	X	X	
EW2012_INF	8/4/16	9:32	FS	GW	-	-	N	N	X	X	
EW2013_INF	8/4/16	9:27	FS	GW	-	-	N	N	X	X	
EW2014_INF	8/4/16	12:59	FS	GW	-	-	N	N	X	X	
EW2015_INF	8/4/16	14:23	FS	GW	-	-	N	N	X	X	

Loc: 660 75400

660-75400 Chain of Custody

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by: Kristin Southers Date: 07/18/16 Time: 14.00 Method of Shipment: TestAerica Courier (both delivery and pickup)

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	08/05/16 09:07	AECOM		08/05/16 15:15	
Relinquished by:	8/5/16 17:20	TA		8-5-16@1720	TA-TPA
Relinquished by:					

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact Yes No | Custody Seal No.: | Cooler temperature and other remarks: 2.4/2.2, 1.8/1.6, 1.2/1.0 cw-09

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee and John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-70143-22322.1
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 2 of 6
Company: AECOM				Job #:
Address: 1600 Tallevast Road	Due Date Requested: 8/19/16			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Days			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60480333.09.01			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Extraction Well Sampling	Project #: 6606091			
Site: TALLEVAST	SSOW#:			

Analysis Requested

Matrix Codes
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LQ - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
			Preservation Code:						A	A	
EW2016_INF	8/5/16	8:01	FS	GW	-	-	N	N	X	X	
EW2017_INF	8/5/16	7:44	FS	GW	-	-	N	N	X	X	
EW2018_INF	8/5/16	8:06	FS	GW	-	-	N	N	X	X	
EW2019_INF	8/5/16	8:13	FS	GW	-	-	N	N	X	X	
EW2020_INF	8/5/16	7:52	FS	GW	-	-	N	N	X	X	
EW2021_INF	8/5/16	8:11	FS	GW	-	-	N	N	X	X	
EW2022_INF	8/5/16	7:56	FS	GW	-	-	N	N	X	X	
EW2023_INF	8/5/16	7:58	FS	GW	-	-	N	N	X	X	
EW2024_INF	8/5/16	7:54	FS	GW	-	-	N	N	X	X	
EW2025_INF	8/5/16	8:16	FS	GW	-	-	N	N	X	X	
EW2026_INF	8/5/16	7:06	FS	GW	-	-	N	N	X	X	
EW2027_INF	8/5/16	6:52	FS	GW	-	-	N	N	X	X	
EW2028_INF	8/5/16	7:02	FS	GW	-	-	N	N	X	X	
EW2029_INF	8/5/16	7:28	FS	GW	-	-	N	N	X	X	
EW2030_INF	8/5/16	6:47	FS	GW	-	-	N	N	X	X	

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by: Kristin Southers | Date: 07/18/16 | Time: 14.00 | Method of Shipment: TestAmerica Courier (both delivery and pickup)

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	08/05/16 09:07	AECOM		8/5/16 1720	TA TPA
Relinquished by:	8/5/16 17:30			8-5-16@1720	TA TPA
Relinquished by:			Received by:		

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No | Custody Seal No.:

Cooler temperature and other remarks: 2.4/2.2, 1.8/1.6, 1.2/1.0 00-09

8/17/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler(s): Chad Lee and John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com	
Company: AECOM			
Address: 1600 Tallevast Road	Due Date Requested: 8/19/16		
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Days		
Phone: 941-351-7959	PO # : 73752ACM		
Email: darrin.johnson@aecom.com	WO #: 60480333.09.01		
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Extraction Well Sampling	Project #: 6606091		
Site: TALLEVAST	SSOW#:		

COC No: 660-70143-22322.1
Page: Page 3 of 6
Job #:

Matrix Codes:
SD - SEDIMENT, SS - SOIL SAMPLE, GW - GROUNDWATER, SW - SURFACE WATER, SG - SOIL VAPOR, AS - AIR SAMPLE, WO - WATER OTHER, WW - WASTE WATER, TW - TREATMENT WATER, PW - POTABLE WATER, WS - WASTE SOIL, CO - CONCRETE, SO - SOLID OTHER, WI - WIPE, LO - LIQUID OTHER

Sample Types:
FS - Field Sample, FD - Field Duplicate, EB - Equipment Blank, FB - Field Blank, MB - Method Blank, TB - Trip Blank, RB - Rinsate Blank, SP - Split

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note.
Preservation Code:							X	X	A	A	
EW2031_INF	8/5/16	6:41	FS	GW	-	-	N	N	X	X	
EW2032_INF	8/5/16	7.24	FS	GW	-	-	N	N	X	X	
EW2033_INF	8/5/16	7:14	FS	GW	-	-	N	N	X	X	
EW2034_INF	8/4/16	14:46	FS	GW	-	-	N	N	X	X	
EW2035_INF	8/4/16	12 46	FS	GW	-	-	N	N	X	X	
EW2036_INF	8/4/16	10:58	FS	GW	-	-	N	N	X	X	
EW2037_INF	8/4/16	14:14	FS	GW	-	-	N	N	X	X	
EW2101_INF	8/4/16	7:43	FS	GW	-	-	N	N	X	X	
EW2102_INF	8/4/16	7:34	FS	GW	-	-	N	N	X	X	
EW2103_INF	8/4/16	13:58	FS	GW	-	-	N	N	X	X	
EW2104_INF	8/4/16	14:04	FS	GW	-	-	N	N	X	X	
EW3001_INF	8/4/16	10:38	FS	GW	-	-	N	N	X	X	
EW3002_INF	8/4/16	10:44	FS	GW	-	-	N	N	X	X	
EW3003_INF	8/4/16	10:50	FS	GW	-	-	N	N	X	X	
EW3004_INF	8/5/16	8:30	FS	GW	-	-	N	N	X	X	

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by: Kristin Southers | Date: 07/18/16 | Time: 14:00 | Method of Shipment: TestAmerica Courier (both delivery and pickup)

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	08/05/16 09:07	AECOM		8/5/16 15:15	TA
Relinquished by:	08/06/16 1730			8-6-16 1720	TA
Relinquished by:					

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No | Custody Seal No.:

Cooler temperature and other remarks: 2.4/2.2, 1.8/1.6, 1.2/1.0 corr'd

8/17/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee and John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com	
Company: AECOM			
Address: 1600 Tallevast Road	Due Date Requested. 8/19/16		
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Days		
Phone: 941-351-7959	PO #: 73752ACM		
Email: darrin.johnson@aecom.com	WO #: 60480333.09.01		
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Extraction Well Sampling	Project #: 6606091		
Site: TALLEVAST	SSOW#:		

COC No: 660-70143-22322.1
Page: Page 4 of 6
Job #:

Analysis Requested

Matrix Codes
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
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Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
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Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)										Special Instructions/Note:
Preservation Code:							X	X	A	A										
EW3005_INF	8/5/16	8:23	FS	GW	-	-	N	N	X	X										
EW3006_INF	8/5/16	8:34	FS	GW	-	-	N	N	X	X										
EW3007_INF	8/5/16	8:20	FS	GW	-	-	N	N	X	X										
EW3008_INF	8/5/16	8:09	FS	GW	-	-	N	N	X	X										
EW3009_INF	8/5/16	6:57	FS	GW	-	-	N	N	X	X										
EW3010_INF	8/5/16	7:33	FS	GW	-	-	N	N	X	X										
EW3011_INF	8/4/16	14:43	FS	GW	-	-	N	N	X	X										
EW3012_INF	8/4/16	7:20	FS	GW	-	-	N	N	X	X										
EW3013_INF	8/4/16	7:24	FS	GW	-	-	N	N	X	X										
EW3014_INF	8/4/16	7:27	FS	GW	-	-	N	N	X	X										
EW3015_INF	8/4/16	7:30	FS	GW	-	-	N	N	X	X										
EW3016_INF	8/4/16	7:37	FS	GW	-	-	N	N	X	X										
EW3017_INF	8/4/16	7:48	FS	GW	-	-	N	N	X	X										
EW3018_INF	8/4/16	8:00	FS	GW	-	-	N	N	X	X										
EW3019_INF	8/4/16	7:52	FS	GW	-	-	N	N	X	X										

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by: Kristie Southers Date: 07/18/16 Time: 14:00 Method of Shipment: TestAerica Courier (both delivery and pickup)

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	08/05/16 09:07	AECOM		8/5/16 15:20	TA TPA
Relinquished by	08/05/16 17:20			8/5/16 1720	TA TPA
Relinquished by	Date/Time:	Company:	Received by	Date/Time	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact Yes No | Custody Seal No.: | Cooler temperature and other remarks: 2.4/2.2, 1.8/1.6, 1.2/1.0 cw-07

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler(s): Chad Lee and John Wilson	Lab PM: Mark Gudnason	COC No: 660-70143-22322.1
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com	Page: Page 5 of 6
Company: AECOM		Carrier Tracking No(s):	Job #:
Address: 1600 Tallevast Road	Due Date Requested: 8/19/16		
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Days		
Phone: 941-351-7959	PO #: 73752ACM		
Email: darrin.johnson@aecom.com	WO #: 60480333.09.01		
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Extraction Well Sampling	Project #: 6606091		
Site: TALLEVAST	SSOW#:		

Analysis Requested

Matrix Codes: SD - SEDIMENT, SS - SOIL SAMPLE, GW - GROUNDWATER, SW - SURFACE WATER, SG - SOIL VAPOR, AS - AIR SAMPLE, WO - WATER OTHER, WW - WASTE WATER, TW - TREATMENT WATER, PW - POTABLE WATER, WS - WASTE SOIL, CO - CONCRETE, SO - SOLID OTHER, WI - WIPE, LQ - LIQUID OTHER

Sample Types: FS - Field Sample, FD - Field Duplicate, EB - Equipment Blank, FB - Field Blank, MB - Method Blank, TB - Trip Blank, RB - Rinsate Blank, SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
Preservation Code:									A	A	
EW3020_INF	8/4/16	8:36	FS	GW	-	-	N	N	X	X	
EW3021_INF	8/4/16	13:06	FS	GW	-	-	N	N	X	X	
EW3022_INF	8/4/16	13:31	FS	GW	-	-	N	N	X	X	
EW3023_INF	8/4/16	7:15	FS	GW	-	-	N	N	X	X	
EW3024_INF	8/5/16	7:48	FS	GW	-	-	N	N	X	X	
EW3025_INF	8/4/16	13:19	FS	GW	-	-	N	N	X	X	
EW3026_INF	8/4/16	13:13	FS	GW	-	-	N	N	X	X	
EW3027_INF	8/5/16	7:21	FS	GW	-	-	N	N	X	X	
EW4001_INF	8/4/16	11:02	FS	GW	-	-	N	N	X	X	
EW4002_INF	8/4/16	10:41	FS	GW	-	-	N	N	X	X	
EW4003_INF	8/5/16	8:14	FS	GW	-	-	N	N	X	X	
EW4004_INF	8/4/16	14:29	FS	GW	-	-	N	N	X	X	
EW4005_INF	8/5/16	7:18	FS	GW	-	-	N	N	X	X	
EW4006_INF	8/4/16	13:36	FS	GW	-	-	N	N	X	X	
EW4007_INF	8/4/16	13:24	FS	GW	-	-	N	N	X	X	

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
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Special Instructions/QC Requirements.

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	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	Date/Time: 08/05/16 @ 09:07	Company: AECOM	Received by:	Date/Time: 8/5/16 1517	Company: TAT
Relinquished by:	Date/Time: 8/5/16 17:20	Company:	Received by:	Date/Time: 8-5-16 @ 1720	Company: TA TBA
Relinquished by:	Date/Time	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No | Custody Seal No.: | Cooler temperature and other remarks: 2.4/2.2, 1.8/1.6, 1.2/1.1) CU-09

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Chain of Custody Record

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THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee and John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-70143-22322.1
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 6 of 6
Company: AECOM				Job #:
Address: 1600 Tallevast Road	Due Date Requested: 8/19/16			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Days			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60480333.09.01			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Extraction Well Sampling	Project #: 6606091			
Site: TALLEVAST	SSOW#:			

Analysis Requested

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNOWATER SW - SURFACE WATER
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MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
			Preservation Code:				X	X	A	A	
EW4008_INF	8/4/16	13:50	FS	GW	-	-	N	N	X	X	
EW4009_INF	8/4/16	8:15	FS	GW	-	-	N	N	X	X	
EW4010_INF	8/4/16	11:09	FS	GW	-	-	N	N	X	X	
EW4011_INF	8/4/16	11:14	FS	GW	-	-	N	N	X	X	
EW5001_INF	8/5/16	7:10	FS	GW	-	-	N	N	X	X	
EW5002_INF	8/4/16	12:50	FS	GW	-	-	N	N	X	X	

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by: Kristin Southers Date: 07/18/16 Time: 14:00 Method of Shipment: TestAerica Courier (both delivery and pickup)

	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	08/05/16 @ 09:07	AECOM		8/5/16 0915	TAT TPA
Relinquished by:	8/5/16 1700	TAT TPA		8-5-16 @ 1720	TAT TPA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact Yes No | Custody Seal No.: | Cooler temperature and other remarks: 2.4/2.2, 1.8/1.6, 1.2/1.0 on-ice

8/17/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75400-1

Login Number: 75400
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction Wells

TestAmerica Job ID: 660-75400-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-75420-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
8/11/2016 8:41:13 AM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-75420-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-75420-1

Comments
No additional comments.

Receipt
The samples were received on 8/8/2016 2:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method(s) SM 2540C: In analytical batch 660-172576, the following samples had TDS/conductivity ratio above 0.95.

(660-75383-C-1) and (660-75383-C-1 DU)

Method(s) SM 2540C: In analytical batch 660-172650, the following samples had TDS/conductivity ratio above 0.95.

TGE (660-75420-8) and (660-75420-A-8 DU)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-75420-1	AOP FEED	Water	08/08/16 09:00	08/08/16 14:45
660-75420-2	AOP-A- EFF	Water	08/08/16 09:05	08/08/16 14:45
660-75420-3	AOP-B -EFF	Water	08/08/16 09:10	08/08/16 14:45
660-75420-4	AOP-C-EFF	Water	08/08/16 09:15	08/08/16 14:45
660-75420-5	PGE	Water	08/08/16 09:20	08/08/16 14:45
660-75420-6	SGE	Water	08/08/16 09:25	08/08/16 14:45
660-75420-7	Combined Inf	Water	08/08/16 09:30	08/08/16 14:45
660-75420-8	TGE	Water	08/08/16 09:35	08/08/16 14:45
660-75420-9	RO Perm	Water	08/08/16 09:40	08/08/16 14:45

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

General Chemistry

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Client Sample ID: AOP FEED — Lab Sample ID: 660-75420-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	11		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.2		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	46		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A- EFF — Lab Sample ID: 660-75420-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.6		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B -EFF — Lab Sample ID: 660-75420-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.6		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C-EFF — Lab Sample ID: 660-75420-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.7		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.76	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-75420-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.2		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-75420-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.3	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Inf — Lab Sample ID: 660-75420-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	18		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	17		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.5		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	44		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: TGE — Lab Sample ID: 660-75420-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	510		5.0	5.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Client Sample ID: RO Perm **Lab Sample ID: 660-75420-9**

No Detections.

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Client Sample ID: AOP FEED

Date Collected: 08/08/16 09:00
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	5.6		1.0	0.52	ug/L			08/09/16 12:56	1
1,1-Dichloroethene	11		1.0	0.67	ug/L			08/09/16 12:56	1
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L			08/09/16 12:56	1
Tetrachloroethene	6.2		1.0	0.50	ug/L			08/09/16 12:56	1
Trichloroethene	12		1.0	0.61	ug/L			08/09/16 12:56	1
Vinyl chloride	1.6		1.0	0.71	ug/L			08/09/16 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*08/09/16 12:56*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/09/16 12:56*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/09/16 12:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	46		2.0	1.0	ug/L			08/09/16 17:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Client Sample ID: AOP-A- EFF
Date Collected: 08/08/16 09:05
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.6**		1.0	0.52	ug/L			08/09/16 10:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 10:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 10:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 10:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 10:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 10:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*08/09/16 10:09*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/09/16 10:09*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/09/16 10:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/09/16 14:25	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Client Sample ID: AOP-B -EFF

Lab Sample ID: 660-75420-3

Date Collected: 08/08/16 09:10

Matrix: Water

Date Received: 08/08/16 14:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.6**		1.0	0.52	ug/L			08/09/16 10:46	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 10:46	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 10:46	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 10:46	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 10:46	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 10:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*08/09/16 10:46*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/09/16 10:46*	*1*
Toluene-d8 (Surr)	*119*		*70 - 130*		*08/09/16 10:46*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/09/16 15:42	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Client Sample ID: AOP-C-EFF

Lab Sample ID: 660-75420-4

Date Collected: 08/08/16 09:15

Matrix: Water

Date Received: 08/08/16 14:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.7**		1.0	0.52	ug/L			08/09/16 11:42	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 11:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 11:42	1
Tetrachloroethene	**0.76**	**I**	1.0	0.50	ug/L			08/09/16 11:42	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 11:42	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*08/09/16 11:42*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/09/16 11:42*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*		*08/09/16 11:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.2**		2.0	1.0	ug/L			08/09/16 16:01	1

Client Sample ID: PGE
Date Collected: 08/08/16 09:20
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**4.2**		1.0	0.52	ug/L			08/09/16 12:00	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 12:00	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 12:00	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 12:00	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 12:00	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/09/16 12:00*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/09/16 12:00*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/09/16 12:00*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/09/16 16:19	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Client Sample ID: SGE
Date Collected: 08/08/16 09:25
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 12:19	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 12:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 12:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 12:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 12:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*08/09/16 12:19*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/09/16 12:19*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*08/09/16 12:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.3**	**I**	2.0	1.0	ug/L			08/09/16 16:38	1

Client Sample ID: Combined Inf

Date Collected: 08/08/16 09:30
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 13:15	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 13:15	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 13:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 13:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 13:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 13:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 13:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 13:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 13:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 13:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 13:15	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 13:15	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 13:15	1
cis-1,2-Dichloroethene	**16**		1.0	0.65	ug/L			08/09/16 13:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 13:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 13:15	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 13:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 13:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 13:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 13:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 13:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:15	1
1,1-Dichloroethane	**6.4**		1.0	0.52	ug/L			08/09/16 13:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 13:15	1
1,1-Dichloroethene	**18**		1.0	0.67	ug/L			08/09/16 13:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 13:15	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 13:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 13:15	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 13:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 13:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 13:15	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 13:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 13:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 13:15	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 13:15	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 13:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 13:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 13:15	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 13:15	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/09/16 13:15	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 13:15	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 13:15	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 13:15	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:15	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 13:15	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 13:15	1

Client Sample ID: Combined Inf
Date Collected: 08/08/16 09:30
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 13:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 13:15	1
Tetrachloroethene	**9.9**		1.0	0.50	ug/L			08/09/16 13:15	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 13:15	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 13:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 13:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 13:15	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 13:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 13:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 13:15	1
Trichloroethene	**17**		1.0	0.61	ug/L			08/09/16 13:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:15	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 13:15	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 13:15	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 13:15	1
Vinyl chloride	**3.5**		1.0	0.71	ug/L			08/09/16 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*08/09/16 13:15*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/09/16 13:15*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/09/16 13:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**44**		2.0	1.0	ug/L			08/09/16 17:37	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Client Sample ID: TGE
Date Collected: 08/08/16 09:35
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-8
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	510		5.0	5.0	mg/L			08/09/16 19:30	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Client Sample ID: RO Perm
Date Collected: 08/08/16 09:40
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-9
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			08/08/16 18:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-172600/7
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 09:32	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 09:32	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 09:32	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 09:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 09:32	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 09:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 09:32	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 09:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 09:32	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 09:32	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 09:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 09:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 09:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 09:32	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 09:32	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 09:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 09:32	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 09:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 09:32	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 09:32	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 09:32	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 09:32	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 09:32	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 09:32	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 09:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 09:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 09:32	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 09:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 09:32	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 09:32	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 09:32	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 09:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 09:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 09:32	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 09:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 09:32	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 09:32	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 09:32	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 09:32	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 09:32	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 09:32	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 09:32	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/09/16 09:32	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 09:32	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 09:32	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 09:32	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 09:32	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 09:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172600/7
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 09:32	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/09/16 09:32	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/09/16 09:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 09:32	1
Toluene	0.51	U	1.0	0.51	ug/L			08/09/16 09:32	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 09:32	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/09/16 09:32	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/09/16 09:32	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 09:32	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 09:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/09/16 09:32	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 09:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 09:32	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/09/16 09:32	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/09/16 09:32	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/09/16 09:32	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 09:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*08/09/16 09:32*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/09/16 09:32*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*08/09/16 09:32*	*1*

Lab Sample ID: LCS 660-172600/4
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	96.9		ug/L		97	62 - 142
Benzene	10.0	10.8		ug/L		108	68 - 134
Bromobenzene	10.0	10.5		ug/L		105	70 - 130
Bromoform	10.0	9.91		ug/L		99	65 - 130
Bromomethane	10.0	9.84		ug/L		98	22 - 150
2-Butanone (MEK)	100	89.8		ug/L		90	63 - 140
Carbon disulfide	10.0	11.1		ug/L		111	30 - 150
Carbon tetrachloride	10.0	10.9		ug/L		109	61 - 134
Chlorobenzene	10.0	10.7		ug/L		107	70 - 130
Chlorobromomethane	10.0	9.58		ug/L		96	70 - 130
Chlorodibromomethane	10.0	10.3		ug/L		103	70 - 130
Chloroethane	10.0	10.2		ug/L		102	39 - 150
Chloroform	10.0	10.3		ug/L		103	68 - 130
Chloromethane	10.0	13.3		ug/L		133	35 - 150
2-Chlorotoluene	10.0	10.8		ug/L		108	70 - 130
4-Chlorotoluene	10.0	11.1		ug/L		111	70 - 130
cis-1,2-Dichloroethene	10.0	11.0		ug/L		110	66 - 130
cis-1,3-Dichloropropene	10.0	10.6		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.71		ug/L		97	63 - 130
Dibromomethane	10.0	10.4		ug/L		104	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172600/4
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,3-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
1,4-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
Dichlorobromomethane	10.0	10.6		ug/L		106	70 - 130
Dichlorodifluoromethane	10.0	12.7		ug/L		127	16 - 149
1,1-Dichloroethane	10.0	10.8		ug/L		108	66 - 130
1,2-Dichloroethane	10.0	10.4		ug/L		104	70 - 130
1,1-Dichloroethene	10.0	10.2		ug/L		102	51 - 150
1,2-Dichloropropane	10.0	10.9		ug/L		109	70 - 130
1,3-Dichloropropane	10.0	10.9		ug/L		109	70 - 130
2,2-Dichloropropane	10.0	11.3		ug/L		113	66 - 134
1,1-Dichloropropene	10.0	11.3		ug/L		113	65 - 136
Ethylbenzene	10.0	10.9		ug/L		109	70 - 130
Ethylene Dibromide	10.0	10.8		ug/L		108	66 - 130
Hexachlorobutadiene	10.0	11.4		ug/L		114	62 - 143
2-Hexanone	100	93.5		ug/L		94	60 - 148
Isopropylbenzene	10.0	10.9		ug/L		109	62 - 130
4-Isopropyltoluene	10.0	9.08		ug/L		91	65 - 134
Methylene Chloride	10.0	10.4		ug/L		104	57 - 130
4-Methyl-2-pentanone (MIBK)	100	89.7		ug/L		90	64 - 137
Methyl tert-butyl ether	10.0	9.53		ug/L		95	67 - 130
Naphthalene	10.0	8.13		ug/L		81	50 - 136
n-Butylbenzene	10.0	9.16		ug/L		92	61 - 131
N-Propylbenzene	10.0	11.1		ug/L		111	67 - 130
o-Xylene	10.0	10.7		ug/L		107	69 - 130
sec-Butylbenzene	10.0	9.87		ug/L		99	68 - 133
Styrene	10.0	9.57		ug/L		96	68 - 131
tert-Butylbenzene	10.0	11.2		ug/L		112	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.4		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.3		ug/L		103	70 - 130
Tetrachloroethene	10.0	10.1		ug/L		101	50 - 143
Toluene	10.0	10.5		ug/L		105	70 - 131
trans-1,2-Dichloroethene	10.0	10.5		ug/L		105	62 - 139
trans-1,3-Dichloropropene	10.0	10.1		ug/L		101	67 - 130
1,2,3-Trichlorobenzene	10.0	10.4		ug/L		104	58 - 132
1,2,4-Trichlorobenzene	10.0	10.3		ug/L		103	66 - 130
1,1,1-Trichloroethane	10.0	10.6		ug/L		106	63 - 132
1,1,2-Trichloroethane	10.0	11.0		ug/L		110	70 - 130
Trichloroethene	10.0	11.3		ug/L		113	63 - 139
Trichlorofluoromethane	10.0	10.5		ug/L		105	62 - 146
1,2,3-Trichloropropane	10.0	11.4		ug/L		114	66 - 130
1,2,4-Trimethylbenzene	10.0	8.89		ug/L		89	70 - 132
1,3,5-Trimethylbenzene	10.0	8.97		ug/L		90	65 - 134
Vinyl chloride	10.0	11.5		ug/L		115	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172600/4
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 660-172600/5
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	108		ug/L		108	62 - 142	11	30
Benzene			10.0	9.93		ug/L		99	68 - 134	8	30
Bromobenzene			10.0	10.0		ug/L		100	70 - 130	4	30
Bromoform			10.0	9.36		ug/L		94	65 - 130	6	30
Bromomethane			10.0	8.56		ug/L		86	22 - 150	14	30
2-Butanone (MEK)			100	91.9		ug/L		92	63 - 140	2	30
Carbon disulfide			10.0	10.2		ug/L		102	30 - 150	9	30
Carbon tetrachloride			10.0	9.42		ug/L		94	61 - 134	14	30
Chlorobenzene			10.0	9.79		ug/L		98	70 - 130	9	30
Chlorobromomethane			10.0	8.99		ug/L		90	70 - 130	6	30
Chlorodibromomethane			10.0	10.0		ug/L		100	70 - 130	3	30
Chloroethane			10.0	9.87		ug/L		99	39 - 150	3	30
Chloroform			10.0	9.49		ug/L		95	68 - 130	8	30
Chloromethane			10.0	13.2		ug/L		132	35 - 150	1	30
2-Chlorotoluene			10.0	10.1		ug/L		101	70 - 130	7	30
4-Chlorotoluene			10.0	10.3		ug/L		103	70 - 130	7	30
cis-1,2-Dichloroethene			10.0	9.93		ug/L		99	66 - 130	10	30
cis-1,3-Dichloropropene			10.0	9.83		ug/L		98	70 - 130	8	30
1,2-Dibromo-3-Chloropropane			10.0	9.34		ug/L		93	63 - 130	4	30
Dibromomethane			10.0	10.1		ug/L		101	70 - 130	3	30
1,2-Dichlorobenzene			10.0	10.0		ug/L		100	70 - 130	5	30
1,3-Dichlorobenzene			10.0	10.4		ug/L		104	70 - 130	5	30
1,4-Dichlorobenzene			10.0	9.64		ug/L		96	70 - 130	8	30
Dichlorobromomethane			10.0	9.68		ug/L		97	70 - 130	9	30
Dichlorodifluoromethane			10.0	12.7		ug/L		127	16 - 149	1	30
1,1-Dichloroethane			10.0	10.2		ug/L		102	66 - 130	6	30
1,2-Dichloroethane			10.0	9.90		ug/L		99	70 - 130	5	30
1,1-Dichloroethene			10.0	10.6		ug/L		106	51 - 150	4	30
1,2-Dichloropropane			10.0	9.80		ug/L		98	70 - 130	10	30
1,3-Dichloropropane			10.0	9.91		ug/L		99	70 - 130	10	30
2,2-Dichloropropane			10.0	10.2		ug/L		102	66 - 134	10	30
1,1-Dichloropropene			10.0	10.1		ug/L		101	65 - 136	12	30
Ethylbenzene			10.0	10.2		ug/L		102	70 - 130	7	30
Ethylene Dibromide			10.0	10.5		ug/L		105	66 - 130	2	30
Hexachlorobutadiene			10.0	10.8		ug/L		108	62 - 143	6	30
2-Hexanone			100	95.9		ug/L		96	60 - 148	3	30
Isopropylbenzene			10.0	9.98		ug/L		100	62 - 130	9	30
4-Isopropyltoluene			10.0	8.41		ug/L		84	65 - 134	8	30
Methylene Chloride			10.0	10.7		ug/L		107	57 - 130	3	30
4-Methyl-2-pentanone (MIBK)			100	87.5		ug/L		87	64 - 137	3	30
Methyl tert-butyl ether			10.0	10.2		ug/L		102	67 - 130	7	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172600/5
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	8.45		ug/L		84	50 - 136	4	30
n-Butylbenzene			10.0	8.79		ug/L		88	61 - 131	4	30
N-Propylbenzene			10.0	10.3		ug/L		103	67 - 130	7	30
o-Xylene			10.0	10.1		ug/L		101	69 - 130	6	30
sec-Butylbenzene			10.0	8.95		ug/L		89	68 - 133	10	30
Styrene			10.0	8.92		ug/L		89	68 - 131	7	30
tert-Butylbenzene			10.0	10.0		ug/L		100	64 - 130	11	30
1,1,1,2-Tetrachloroethane			10.0	9.54		ug/L		95	70 - 130	9	30
1,1,2,2-Tetrachloroethane			10.0	9.36		ug/L		94	70 - 130	9	30
Tetrachloroethene			10.0	9.75		ug/L		98	50 - 143	3	30
Toluene			10.0	9.98		ug/L		100	70 - 131	5	30
trans-1,2-Dichloroethene			10.0	10.3		ug/L		103	62 - 139	2	30
trans-1,3-Dichloropropene			10.0	9.59		ug/L		96	67 - 130	5	30
1,2,3-Trichlorobenzene			10.0	11.4		ug/L		114	58 - 132	9	30
1,2,4-Trichlorobenzene			10.0	10.2		ug/L		102	66 - 130	1	30
1,1,1-Trichloroethane			10.0	9.70		ug/L		97	63 - 132	9	30
1,1,2-Trichloroethane			10.0	10.5		ug/L		105	70 - 130	5	30
Trichloroethene			10.0	10.0		ug/L		100	63 - 139	12	30
Trichlorofluoromethane			10.0	10.7		ug/L		107	62 - 146	2	30
1,2,3-Trichloropropane			10.0	10.4		ug/L		104	66 - 130	10	30
1,2,4-Trimethylbenzene			10.0	8.16		ug/L		82	70 - 132	9	30
1,3,5-Trimethylbenzene			10.0	8.40		ug/L		84	65 - 134	7	30
Vinyl chloride			10.0	10.3		ug/L		103	48 - 147	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-75420-3 MS
Matrix: Water
Analysis Batch: 172600

Client Sample ID: AOP-B -EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	29		100	142		ug/L		113	62 - 142
Benzene	0.50	U	10.0	10.9		ug/L		109	68 - 134
Bromobenzene	0.58	U	10.0	10.0		ug/L		100	70 - 130
Bromoform	0.63	U	10.0	10.3		ug/L		103	65 - 130
Bromomethane	2.5	U	10.0	9.09		ug/L		91	22 - 150
2-Butanone (MEK)	8.4	U	100	79.6		ug/L		80	63 - 140
Carbon disulfide	1.0	U	10.0	11.0		ug/L		110	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.0		ug/L		110	61 - 134
Chlorobenzene	0.63	U	10.0	10.6		ug/L		106	70 - 130
Chlorobromomethane	0.58	U	10.0	9.50		ug/L		95	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.30		ug/L		93	70 - 130
Chloroethane	2.5	U	10.0	11.0		ug/L		110	39 - 150
Chloroform	0.90	U	10.0	10.5		ug/L		105	68 - 130
Chloromethane	1.0	U	10.0	9.00		ug/L		90	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75420-3 MS
Matrix: Water
Analysis Batch: 172600

Client Sample ID: AOP-B -EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	10.4		ug/L		104	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.5		ug/L		105	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.6		ug/L		106	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	10.4		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.74		ug/L		87	63 - 130
Dibromomethane	0.46	U	10.0	10.9		ug/L		109	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.95		ug/L		100	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.3		ug/L		103	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.3		ug/L		103	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.5		ug/L		105	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	10.2		ug/L		102	16 - 149
1,1-Dichloroethane	3.6		10.0	14.1		ug/L		105	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.96		ug/L		100	70 - 130
1,1-Dichloroethene	0.67	U	10.0	11.8		ug/L		118	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.7		ug/L		107	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.91		ug/L		99	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.9		ug/L		109	66 - 134
1,1-Dichloropropene	0.65	U	10.0	10.7		ug/L		107	65 - 136
Ethylbenzene	0.44	U	10.0	10.6		ug/L		106	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.6		ug/L		106	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.63		ug/L		96	62 - 143
2-Hexanone	4.4	U	100	78.1		ug/L		78	60 - 148
Isopropylbenzene	0.52	U	10.0	11.1		ug/L		111	62 - 130
4-Isopropyltoluene	0.69	U	10.0	8.46		ug/L		85	65 - 134
Methylene Chloride	5.0	U	10.0	11.9		ug/L		119	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	77.2		ug/L		77	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	11.4		ug/L		114	67 - 130
Naphthalene	2.5	U	10.0	6.80		ug/L		68	50 - 136
n-Butylbenzene	0.67	U	10.0	8.92		ug/L		89	61 - 131
N-Propylbenzene	0.59	U	10.0	10.8		ug/L		108	67 - 130
o-Xylene	0.50	U	10.0	10.2		ug/L		102	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.19		ug/L		92	68 - 133
Styrene	0.98	U	10.0	8.95		ug/L		90	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.8		ug/L		108	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.1		ug/L		101	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.03		ug/L		90	70 - 130
Tetrachloroethene	0.50	U	10.0	10.2		ug/L		102	50 - 143
Toluene	0.51	U	10.0	11.0		ug/L		110	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	12.7		ug/L		127	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.79		ug/L		98	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.36		ug/L		94	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.86		ug/L		89	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.9		ug/L		109	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.0		ug/L		100	70 - 130
Trichloroethene	0.61	U	10.0	11.7		ug/L		117	63 - 139
Trichlorofluoromethane	2.5	U	10.0	11.3		ug/L		113	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.58		ug/L		96	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	8.72		ug/L		87	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75420-3 MS
Matrix: Water
Analysis Batch: 172600

Client Sample ID: AOP-B -EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	8.78		ug/L		88	65 - 134
Vinyl chloride	0.71	U	10.0	11.1		ug/L		111	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*95*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-75420-2 DU
Matrix: Water
Analysis Batch: 172600

Client Sample ID: AOP-A- EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	21		23.6		ug/L		14	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	3.6		3.52		ug/L		2	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75420-2 DU
Matrix: Water
Analysis Batch: 172600

Client Sample ID: AOP-A- EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*
Toluene-d8 (Surr)	*111*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-172624/7
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/09/16 13:55	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172624/4
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.74		ug/L		77	50 - 150

Lab Sample ID: LCSD 660-172624/5
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	6.83		ug/L		68	50 - 150	12	50

Lab Sample ID: 660-75420-2 MS
Matrix: Water
Analysis Batch: 172624

Client Sample ID: AOP-A- EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	7.33		ug/L		73	50 - 150

Lab Sample ID: 660-75420-2 MSD
Matrix: Water
Analysis Batch: 172624

Client Sample ID: AOP-A- EFF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	7.45		ug/L		75	50 - 150	2	50

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 660-172576/1
Matrix: Water
Analysis Batch: 172576

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			08/08/16 12:38	1

Lab Sample ID: LCS 660-172576/2
Matrix: Water
Analysis Batch: 172576

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9380		mg/L		94	80 - 120

Lab Sample ID: 660-75383-C-1 DU
Matrix: Water
Analysis Batch: 172576

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	76		70.0		mg/L		8	20

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 660-172650/1
Matrix: Water
Analysis Batch: 172650

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			08/09/16 19:30	1

Lab Sample ID: LCS 660-172650/2
Matrix: Water
Analysis Batch: 172650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9540		mg/L		95	80 - 120

Lab Sample ID: 660-75420-8 DU
Matrix: Water
Analysis Batch: 172650

Client Sample ID: TGE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	510		538		mg/L		5	20

GC/MS VOA

Analysis Batch: 172600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75420-1	AOP FEED	Total/NA	Water	8260B	
660-75420-2	AOP-A- EFF	Total/NA	Water	8260B	
660-75420-3	AOP-B -EFF	Total/NA	Water	8260B	
660-75420-4	AOP-C-EFF	Total/NA	Water	8260B	
660-75420-5	PGE	Total/NA	Water	8260B	
660-75420-6	SGE	Total/NA	Water	8260B	
660-75420-7	Combined Inf	Total/NA	Water	8260B	
MB 660-172600/7	Method Blank	Total/NA	Water	8260B	
LCS 660-172600/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172600/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75420-3 MS	AOP-B -EFF	Total/NA	Water	8260B	
660-75420-2 DU	AOP-A- EFF	Total/NA	Water	8260B	

Analysis Batch: 172624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75420-1	AOP FEED	Total/NA	Water	8260C SIM	
660-75420-2	AOP-A- EFF	Total/NA	Water	8260C SIM	
660-75420-3	AOP-B -EFF	Total/NA	Water	8260C SIM	
660-75420-4	AOP-C-EFF	Total/NA	Water	8260C SIM	
660-75420-5	PGE	Total/NA	Water	8260C SIM	
660-75420-6	SGE	Total/NA	Water	8260C SIM	
660-75420-7	Combined Inf	Total/NA	Water	8260C SIM	
MB 660-172624/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172624/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172624/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75420-2 MS	AOP-A- EFF	Total/NA	Water	8260C SIM	
660-75420-2 MSD	AOP-A- EFF	Total/NA	Water	8260C SIM	

General Chemistry

Analysis Batch: 172576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75420-9	RO Perm	Total/NA	Water	SM 2540C	
MB 660-172576/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 660-172576/2	Lab Control Sample	Total/NA	Water	SM 2540C	
660-75383-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 172650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75420-8	TGE	Total/NA	Water	SM 2540C	
MB 660-172650/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 660-172650/2	Lab Control Sample	Total/NA	Water	SM 2540C	
660-75420-8 DU	TGE	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Client Sample ID: AOP FEED
Date Collected: 08/08/16 09:00
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172600	08/09/16 12:56	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172624	08/09/16 17:15	TGP	TAL TAM

Client Sample ID: AOP-A- EFF
Date Collected: 08/08/16 09:05
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172600	08/09/16 10:09	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172624	08/09/16 14:25	TGP	TAL TAM

Client Sample ID: AOP-B -EFF
Date Collected: 08/08/16 09:10
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172600	08/09/16 10:46	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172624	08/09/16 15:42	TGP	TAL TAM

Client Sample ID: AOP-C-EFF
Date Collected: 08/08/16 09:15
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172600	08/09/16 11:42	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172624	08/09/16 16:01	TGP	TAL TAM

Client Sample ID: PGE
Date Collected: 08/08/16 09:20
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172600	08/09/16 12:00	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172624	08/09/16 16:19	TGP	TAL TAM

Client Sample ID: SGE
Date Collected: 08/08/16 09:25
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172600	08/09/16 12:19	K1P	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Client Sample ID: SGE

Lab Sample ID: 660-75420-6

Date Collected: 08/08/16 09:25
Matrix: Water
Date Received: 08/08/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172624	08/09/16 16:38	TGP	TAL TAM

Client Sample ID: Combined Inf

Lab Sample ID: 660-75420-7

Date Collected: 08/08/16 09:30
Matrix: Water
Date Received: 08/08/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172600	08/09/16 13:15	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172624	08/09/16 17:37	TGP	TAL TAM

Client Sample ID: TGE

Lab Sample ID: 660-75420-8

Date Collected: 08/08/16 09:35
Matrix: Water
Date Received: 08/08/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	50 mL	50 mL	172650	08/09/16 19:30	GH1	TAL TAM

Client Sample ID: RO Perm

Lab Sample ID: 660-75420-9

Date Collected: 08/08/16 09:40
Matrix: Water
Date Received: 08/08/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	50 mL	50 mL	172576	08/08/16 18:15	GH1	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-17

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Darrin Johnson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No:
Client contact:	Phone:941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page of
Company: AECOM			Analysis Requested	Job #
Address: 1600 Tallevast Rd	Due Date Requested: 48 hour turn			Matrix Codes: SD - SEDIMENT SS - SOIL SAMPLE; GW - GROUNDWATER SW - SURFACE WATER; SG - SOIL VAPOR AS - AIR SAMPLE; WO - WATER OTHER WW - WASTE WATER; TW - TREATMENT WATER; PW - POTABLE WATER WS - WASTE SOIL; CO - CONCRETE SO - SOLID OTHER; WI - WIPE LO - LIQUID OTHER
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 48 hour turn			
Phone: 941-929-8747	PO # : Non-PO Invoice - 60313454 18 05			
Email:darrin.johnson@aecom.com	WO #			Sample Types: FS - Field Sample FD - Field Duplicate; EB - Equipment Blank FB - Field Blank; MB - Method Blank TB - Trip Blank; RB - Rinsate Blank SP - Split
Project Name: Process Sampling	Project #			
Site: TALLEVAST	SSOW#			

Loc: 660
75420

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B Site Specific	8260C SIM - 1,4-D	8260B - Full List	SM5310B TOC	TDS	Special Instructions/Note:
Preservation Code:														
AOP Feed	8/8/16	9:00	FS	TW			N	N	2	2				Aol-A @ 63
AOP-A Eff	8/8/16	9:05	FS	TW			N	N	2	2				Aol-B @ 54
AOP-B Eff	8/8/16	9:10	FS	TW			N	N	2	2				Aol-C @ 45
AOP-C Eff	8/8/16	9:15	FS	TW			N	N	2	2				Inf @ 160 ppm
PGE	8/8/16	9:20	FS	TW			N	N	2	2				H2O2 @ 70 mg/L
SGE	8/8/16	9:25	FS	TW			N	N	2	2				75% UV lamps
Combined Inf	8/8/16	9:30	FS	TW			N	N		2	2			
TGE	8/8/16	9:35	FS	TW			N	N					1	
RO Perm	8/8/16	9:40	FS	TW			N	N					1	

660-75420 Chain of Custody

Possible Hazard Identification
___ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client — Disposal By Lab Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment

Relinquished by	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time: 8-8-16	Company: AECOM	Received by:	Date/Time: 8/8/16 1330	Company: TAL TPA
Relinquished by:	Date/Time: 8-8-16 14:45	Company: AECOM	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na204S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact ___Yes ___No | Custody Seal No.: | Cooler temperature and other remarks: 1.4/1.2

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Darrin Johnson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No:
Client contact:	Phone:941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page of
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested. 48 hour turn			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 48 hour turn			
Phone: 941-929-8747	PO # : Non-PO Invoice - 60313454 18.05			
Email:darrin.johnson@aecom.com	WO #			
Project Name: POTW Effluent	Project #			
Site: TALLEVAST	SSOW#			

Analysis Requested

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	82608 Site Specific	8260C SIM ID - 1,4-D	6010B 12 metals	Special Instructions/Note:
Preservation Code:							X	X				
POTW Effluent	8/8/16	10:00	FS	TW			N	N	2	2	1	6010B 12 metals listed below:
												Al, As, Be, Cd, Cr, Cu, Ni, Pb, Zn, Na, Mo, Fe
												pH = 6.46 SU
												Temp = 94.6°F

Possible Hazard Identification
___ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client — Disposal By Lab Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: 8-5-16 14:00	Company: AECOM
Relinquished by:	Date/Time: 8-5-16	Company: AECOM	Received by:	Date/Time: 8/5/16 17:32	Company:
Relinquished by:	Date/Time: 8-5-16 1445	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na204S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact ___Yes ___No | Custody Seal No.: | Cooler temperature and other remarks: 1.4/1.2

8/11/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75420-1

Login Number: 75420
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75420-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-75420-2
Client Project/Site: Tallevast POTW Effluent

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
8/10/2016 6:09:50 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Method Summary 20

Job ID: 660-75420-2

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-75420-2

Comments
No additional comments.

Receipt
The samples were received on 8/8/2016 2:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent

TestAmerica Job ID: 660-75420-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-75420-10	POTW Effluent	Water	08/08/16 10:00	08/08/16 14:45

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent

TestAmerica Job ID: 660-75420-2

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
6010B	Metals (ICP)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent

TestAmerica Job ID: 660-75420-2

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent

TestAmerica Job ID: 660-75420-2

Client Sample ID: POTW Effluent

Lab Sample ID: 660-75420-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.3	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA
Sodium	76		1.0	0.50	mg/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: POTW Effluent

Lab Sample ID: 660-75420-10

Date Collected: 08/08/16 10:00

Matrix: Water

Date Received: 08/08/16 14:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 12:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 12:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 12:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 12:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 12:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*08/09/16 12:38*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*08/09/16 12:38*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*08/09/16 12:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.3**	**I**	2.0	1.0	ug/L			08/09/16 16:56	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		08/10/16 11:00	08/10/16 16:30	1
Arsenic	4.0	U	10	4.0	ug/L		08/10/16 11:00	08/10/16 16:30	1
Beryllium	0.50	U	2.0	0.50	ug/L		08/10/16 11:00	08/10/16 16:30	1
Cadmium	1.0	U	4.0	1.0	ug/L		08/10/16 11:00	08/10/16 16:30	1
Chromium	2.0	U	10	2.0	ug/L		08/10/16 11:00	08/10/16 16:30	1
Copper	2.5	U	10	2.5	ug/L		08/10/16 11:00	08/10/16 16:30	1
Lead	2.2	U	10	2.2	ug/L		08/10/16 11:00	08/10/16 16:30	1
Molybdenum	6.4	U	15	6.4	ug/L		08/10/16 11:00	08/10/16 16:30	1
Nickel	2.0	U	8.0	2.0	ug/L		08/10/16 11:00	08/10/16 16:30	1
Sodium	**76**		1.0	0.50	mg/L		08/10/16 11:00	08/10/16 16:30	1
Zinc	5.0	U	20	5.0	ug/L		08/10/16 11:00	08/10/16 16:30	1
Iron	0.050	U	0.20	0.050	mg/L		08/10/16 11:00	08/10/16 16:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-172600/7
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 09:32	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 09:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 09:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/09/16 09:32	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/09/16 09:32	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/09/16 09:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*08/09/16 09:32*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/09/16 09:32*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*08/09/16 09:32*	*1*

Lab Sample ID: LCS 660-172600/4
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			10.0	10.8		ug/L		108	66 - 130		
1,1-Dichloroethene			10.0	10.2		ug/L		102	51 - 150		
cis-1,2-Dichloroethene			10.0	11.0		ug/L		110	66 - 130		
Tetrachloroethene			10.0	10.1		ug/L		101	50 - 143		
Trichloroethene			10.0	11.3		ug/L		113	63 - 139		
Vinyl chloride			10.0	11.5		ug/L		115	48 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 660-172600/5
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane			10.0	10.2		ug/L		102	66 - 130	6	30
1,1-Dichloroethene			10.0	10.6		ug/L		106	51 - 150	4	30
cis-1,2-Dichloroethene			10.0	9.93		ug/L		99	66 - 130	10	30
Tetrachloroethene			10.0	9.75		ug/L		98	50 - 143	3	30
Trichloroethene			10.0	10.0		ug/L		100	63 - 139	12	30
Vinyl chloride			10.0	10.3		ug/L		103	48 - 147	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75420-D-3 MS
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	3.6		10.0	14.1		ug/L		105	66 - 130
1,1-Dichloroethene	0.67	U	10.0	11.8		ug/L		118	51 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	10.6		ug/L		106	66 - 130
Tetrachloroethene	0.50	U	10.0	10.2		ug/L		102	50 - 143
Trichloroethene	0.61	U	10.0	11.7		ug/L		117	63 - 139
Vinyl chloride	0.71	U	10.0	11.1		ug/L		111	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*95*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-75420-B-2 DU
Matrix: Water
Analysis Batch: 172600

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1-Dichloroethane	3.6		3.52		ug/L		2	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Trichloroethene	0.61	U	0.61	U	ug/L		NC	30
Vinyl chloride	0.71	U	0.71	U	ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*
Toluene-d8 (Surr)	*111*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-172624/7
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/09/16 13:55	1

Lab Sample ID: LCS 660-172624/4
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	7.74		ug/L		77	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172624/5
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	6.83		ug/L		68	50 - 150	12	50

Lab Sample ID: 660-75420-D-2 MS
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	7.33		ug/L		73	50 - 150

Lab Sample ID: 660-75420-D-2 MSD
Matrix: Water
Analysis Batch: 172624

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	7.45		ug/L		75	50 - 150	2	50

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-172679/1-A
Matrix: Water
Analysis Batch: 172689

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 172679

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		08/10/16 11:00	08/10/16 16:18	1
Arsenic	4.0	U	10	4.0	ug/L		08/10/16 11:00	08/10/16 16:18	1
Beryllium	0.50	U	2.0	0.50	ug/L		08/10/16 11:00	08/10/16 16:18	1
Cadmium	1.0	U	4.0	1.0	ug/L		08/10/16 11:00	08/10/16 16:18	1
Chromium	2.0	U	10	2.0	ug/L		08/10/16 11:00	08/10/16 16:18	1
Copper	2.5	U	10	2.5	ug/L		08/10/16 11:00	08/10/16 16:18	1
Lead	2.2	U	10	2.2	ug/L		08/10/16 11:00	08/10/16 16:18	1
Molybdenum	6.4	U	15	6.4	ug/L		08/10/16 11:00	08/10/16 16:18	1
Nickel	2.0	U	8.0	2.0	ug/L		08/10/16 11:00	08/10/16 16:18	1
Sodium	0.50	U	1.0	0.50	mg/L		08/10/16 11:00	08/10/16 16:18	1
Zinc	5.0	U	20	5.0	ug/L		08/10/16 11:00	08/10/16 16:18	1
Iron	0.050	U	0.20	0.050	mg/L		08/10/16 11:00	08/10/16 16:18	1

Lab Sample ID: LCS 660-172679/2-A
Matrix: Water
Analysis Batch: 172689

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 172679

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum			1000	1020		ug/L		102	80 - 120
Arsenic			1000	995		ug/L		99	80 - 120
Beryllium			1000	1010		ug/L		101	80 - 120
Cadmium			1000	1010		ug/L		101	80 - 120
Chromium			1000	1050		ug/L		105	80 - 120
Copper			1000	1040		ug/L		104	80 - 120
Lead			1000	1050		ug/L		105	80 - 120
Molybdenum			1000	1050		ug/L		105	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 660-172679/2-A
Matrix: Water
Analysis Batch: 172689

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 172679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	1000	1020		ug/L		102	80 - 120
Sodium	10.0	10.2		mg/L		102	80 - 120
Zinc	1000	1050		ug/L		105	80 - 120
Iron	1.00	1.07		mg/L		107	80 - 120

Lab Sample ID: LCSD 660-172679/3-A
Matrix: Water
Analysis Batch: 172689

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 172679

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	1000	993		ug/L		99	80 - 120	2	20
Arsenic	1000	986		ug/L		99	80 - 120	1	20
Beryllium	1000	1010		ug/L		101	80 - 120	1	20
Cadmium	1000	1010		ug/L		101	80 - 120	0	20
Chromium	1000	1040		ug/L		104	80 - 120	1	20
Copper	1000	1030		ug/L		103	80 - 120	1	20
Lead	1000	1050		ug/L		105	80 - 120	0	20
Molybdenum	1000	1050		ug/L		105	80 - 120	0	20
Nickel	1000	1020		ug/L		102	80 - 120	0	20
Sodium	10.0	10.2		mg/L		102	80 - 120	1	20
Zinc	1000	1050		ug/L		105	80 - 120	1	20
Iron	1.00	1.06		mg/L		106	80 - 120	1	20

Lab Sample ID: 660-75420-10 MS
Matrix: Water
Analysis Batch: 172689

Client Sample ID: POTW Effluent
Prep Type: Total Recoverable
Prep Batch: 172679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	50	U	1000	1020		ug/L		102	80 - 120
Arsenic	4.0	U	1000	1050		ug/L		105	80 - 120
Beryllium	0.50	U	1000	1050		ug/L		105	80 - 120
Cadmium	1.0	U	1000	1040		ug/L		104	80 - 120
Chromium	2.0	U	1000	1050		ug/L		105	80 - 120
Copper	2.5	U	1000	1050		ug/L		105	80 - 120
Lead	2.2	U	1000	1030		ug/L		103	80 - 120
Molybdenum	6.4	U	1000	1070		ug/L		107	80 - 120
Nickel	2.0	U	1000	1020		ug/L		102	80 - 120
Sodium	76		10.0	85.7		mg/L		93	80 - 120
Zinc	5.0	U	1000	1080		ug/L		108	80 - 120
Iron	0.050	U	1.00	1.08		mg/L		108	80 - 120

Lab Sample ID: 660-75420-10 MSD
Matrix: Water
Analysis Batch: 172689

Client Sample ID: POTW Effluent
Prep Type: Total Recoverable
Prep Batch: 172679

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	50	U	1000	1030		ug/L		103	80 - 120	1	20
Arsenic	4.0	U	1000	1050		ug/L		105	80 - 120	0	20
Beryllium	0.50	U	1000	1050		ug/L		105	80 - 120	0	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 660-75420-10 MSD
Matrix: Water
Analysis Batch: 172689

Client Sample ID: POTW Effluent
Prep Type: Total Recoverable
Prep Batch: 172679

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	1.0	U	1000	1050		ug/L		105	80 - 120	1	20
Chromium	2.0	U	1000	1050		ug/L		105	80 - 120	0	20
Copper	2.5	U	1000	1050		ug/L		105	80 - 120	0	20
Lead	2.2	U	1000	1040		ug/L		104	80 - 120	1	20
Molybdenum	6.4	U	1000	1070		ug/L		107	80 - 120	0	20
Nickel	2.0	U	1000	1020		ug/L		102	80 - 120	0	20
Sodium	76		10.0	86.6		mg/L		103	80 - 120	1	20
Zinc	5.0	U	1000	1090		ug/L		109	80 - 120	0	20
Iron	0.050	U	1.00	1.09		mg/L		109	80 - 120	1	20

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent

TestAmerica Job ID: 660-75420-2

GC/MS VOA

Analysis Batch: 172600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75420-10	POTW Effluent	Total/NA	Water	8260B	
MB 660-172600/7	Method Blank	Total/NA	Water	8260B	
LCS 660-172600/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172600/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75420-D-3 MS	Matrix Spike	Total/NA	Water	8260B	
660-75420-B-2 DU	Duplicate	Total/NA	Water	8260B	

Analysis Batch: 172624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75420-10	POTW Effluent	Total/NA	Water	8260C SIM	
MB 660-172624/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172624/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172624/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75420-D-2 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-75420-D-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	

Metals

Prep Batch: 172679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75420-10	POTW Effluent	Total Recoverable	Water	3005A	
MB 660-172679/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 660-172679/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 660-172679/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
660-75420-10 MS	POTW Effluent	Total Recoverable	Water	3005A	
660-75420-10 MSD	POTW Effluent	Total Recoverable	Water	3005A	

Analysis Batch: 172689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75420-10	POTW Effluent	Total Recoverable	Water	6010B	172679
MB 660-172679/1-A	Method Blank	Total Recoverable	Water	6010B	172679
LCS 660-172679/2-A	Lab Control Sample	Total Recoverable	Water	6010B	172679
LCSD 660-172679/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	172679
660-75420-10 MS	POTW Effluent	Total Recoverable	Water	6010B	172679
660-75420-10 MSD	POTW Effluent	Total Recoverable	Water	6010B	172679

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent

TestAmerica Job ID: 660-75420-2

Client Sample ID: POTW Effluent

Date Collected: 08/08/16 10:00
Date Received: 08/08/16 14:45

Lab Sample ID: 660-75420-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172600	08/09/16 12:38	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172624	08/09/16 16:56	TGP	TAL TAM
Total Recoverable	Prep	3005A			50 mL	50 mL	172679	08/10/16 11:00	ASD	TAL TAM
Total Recoverable	Analysis	6010B		1			172689	08/10/16 16:30	ASD	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent

TestAmerica Job ID: 660-75420-2

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-17

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Darrin Johnson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No:
Client contact:	Phone:941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page of
Company: AECOM			Analysis Requested	Job #
Address: 1600 Tallevast Rd	Due Date Requested: 48 hour turn			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 48 hour turn			
Phone: 941-929-8747	PO # : Non-PO Invoice - 60313454 18 05			
Email:darrin.johnson@aecom.com	WO #			
Project Name: Process Sampling	Project #			
Site: TALLEVAST	SSOW#			

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Loc: 660
75420

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B Site Specific	8260C SIM - 1,4-D	8260B - Full List	SM5310B TOC	TDS	Special Instructions/Note:
			Preservation Code:											
AOP Feed	8/8/16	9:00	FS	TW			N	N	2	2				Aol-A @ 63
AOP-A Eff	8/8/16	9:05	FS	TW			N	N	2	2				Aol-B @ 54
AOP-B Eff	8/8/16	9:10	FS	TW			N	N	2	2				Aol-C @ 45
AOP-C Eff	8/8/16	9:15	FS	TW			N	N	2	2				Inf @ 160 ppm
PGE	8/8/16	9:20	FS	TW			N	N	2	2				H2O2 @ 70 mg/L
SGE	8/8/16	9:25	FS	TW			N	N	2	2				75% UV lamps
Combined Inf	8/8/16	9:30	FS	TW			N	N		2	2			
TGE	8/8/16	9:35	FS	TW			N	N					1	
RO Perm	8/8/16	9:40	FS	TW			N	N					1	

660-75420 Chain of Custody

Possible Hazard Identification
___ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client — Disposal By Lab Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment

Relinquished by	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time: 8-8-16	Company: AECOM	Received by:	Date/Time: 8/8/16 1330	Company: TA-TPA
Relinquished by:	Date/Time: 8-8-16 14:45	Company: AECOM	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na204S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact ___Yes ___No | Custody Seal No.: | Cooler temperature and other remarks: 1.4/1.2

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Darrin Johnson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No:
Client contact:	Phone:941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page of
Company: AECOM			Analysis Requested	Job #:
Address: 1600 Tallevast Rd	Due Date Requested. 48 hour turn			Matrix Codes: SD - SEDIMENT SS - SOIL SAMPLE; GW - GROUNDWATER SW - SURFACE WATER; SG - SOIL VAPOR AS - AIR SAMPLE; WO - WATER OTHER WW - WASTE WATER; TW - TREATMENT WATER; PW - POTABLE WATER WS - WASTE SOIL; CO - CONCRETE SO - SOLID OTHER; WI - WIPE LO - LIQUID OTHER
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 48 hour turn			Sample Types: FS - Field Sample FD - Field Duplicate; EB - Equipment Blank FB - Field Blank; MB - Method Blank TB - Trip Blank; RB - Rinsate Blank SP - Split
Phone: 941-929-8747	PO # : Non-PO Invoice - 60313454 18.05			
Email:darrin.johnson@aecom.com	WO #			
Project Name: POTW Effluent	Project #			
Site: TALLEVAST	SSOW#			

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	82608 Site Specific	8260C SIM ID - 1,4-D	6010B 12 metals										Special Instructions/Note:
Preservation Code:							X	X													
POTW Effluent	8/8/16	10:00	FS	TW			N	N	2	2	1										6010B 12 metals listed below: Al, As, Be, Cd, Cr, Cu, Ni, Pb, Zn, Na, Mo, Fe
																					ph = 6.46 SU; temp = 94.6°F

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Possible Hazard Identification
___ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client — Disposal By Lab Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time: 8-8-16	Company: AECOM	Received by:	Date/Time: 8/8/16 17:32	Company:
Relinquished by:	Date/Time: 8-8-16 1445	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na204S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact ___Yes ___No | Custody Seal No.: | Cooler temperature and other remarks: 1.4/1.2

8/10/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75420-2

Login Number: 75420
List Number: 1
Creator: Betancourt, Jonathan

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast POTW Effluent

TestAmerica Job ID: 660-75420-2

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
6010B	Metals (ICP)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-75488-1
Client Project/Site: Tallevast Monitoring Wells

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
9/6/2016 2:58:15 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-75488-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-75488-1

Comments
No additional comments.

Receipt
The samples were received on 8/10/2016 1:15 PM, 8/12/2016 3:00 PM, 8/17/2016 11:40 AM, 8/19/2016 2:30 PM, 8/24/2016 3:00 PM, 8/26/2016 3:30 PM and 8/31/2016 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 7 coolers at receipt time were 1.2º C, 1.8º C, 2.0º C, 2.3º C, 2.9º C, 3.8º C and 4.5º C.

Receipt Exceptions
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): MW-255 (660-75655-25). The container labels list MW-249 with no time sampled, while the COC lists MW-255 sampled at 1350. There is a sample with the ID MW-249 sampled at 1302, but 4 vials that match that information were received. Through process of elimintaion these vials were logged per COC with the only missing sample ID. The client was notifed.

A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

The container labels for the following samples did not match the information listed on the Chain-of-Custody (COC): MW-24 (660-75664-2), (660-75664-7), MW-63 (660-75664-8),MW-106 (660-75664-21), MW-168 (660-75664-30), and MW-169 (660-75664-31).
The container labels for sample 660-75664-2 list MW-124 sampled on 8/18/16 @ 1005, while the COC lists MW-24 sampled on 8/18/16 @ 1005.
The container labels for sample 660-75664-7 list MW-55 sampled on 8/17/16 @ 0840, while the COC lists MW-55 sampled on 8/18/16 @ 0840.
The container labels for sample 660-75664-21 list MW-106 sampled on 8/17/16 @ 0743, while the COC lists MW-106 sampled on 8/18/16 @ 0740.
The container labels for sample 660-75664-30 list MW-168 sampled on 8/18/16 @ 1257, while the COC lists MW-168 sampled on 8/18/16 @ 0654.
The container labels for sample 660-75664-31 list MW-169 sampled on 8/19/16 @ 0654, while the COC lists MW-169 sampled on 8/19/16 @ 0000.
All samples received were logged per the COC.The client was contacted, and the lab was instructed to correct the incorrect dates/times.

GC/MS VOA
Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 660-172941 recovered outside acceptance criteria, low biased, for Bromomethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for 172941 was outside control limits.

Method(s) 8260B: The detections for the BLANK were not found in any of the regular samples for this project; therefore, blank was not reanalyzed. Batch 172941.

BLANK -35 75524 (660-75524-35)

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 173248 and 173251 recovered outside acceptance criteria, low biased, for Dichlorodifluoromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch recovered outside acceptance criteria, low biased, for Bromomethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260B: Surrogate recovery for the following sample was outside the upper control limit: MW-16D (660-75655-4). This sample did not contain any target analytes; therefore, re-analysis was not performed.

Job ID: 660-75488-1 (Continued)

Laboratory: TestAmerica Tampa (Continued)

Method(s) 8260B: The laboratory control sample duplicate (LCSD) for 173251 recovered outside control limits for the following analyte: methylene chloride. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 660-173328 recovered outside acceptance criteria, low biased, for Dichlorodifluoromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 660-173308 recovered outside acceptance criteria, low biased, for Dichlorodifluoromethane and Bromomethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 660-173308 recovered outside control limits for the following analytes: Chloroethane. This analytes was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: A third set of QC was run in the batch that was outside the 12 hr window, however, the parent sample was run in the 12 hr window. MS/D are being reported. Batch 173308.

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 660-173372 recovered outside acceptance criteria, low biased, for Dichlorodifluoromethane and Bromomethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260B: Detections for both blanks were not detected in any of the regular samples in this project; therefore, both blank samples were not reanalyzed. Batch 173372.

BLANK -36 (660-75664-40) and BLANK -37 (660-75664-41)

Method(s) 8260B: The initial calibration verification (ICV) result for batch 660-173311 was above the upper control limit for dichlorodifluoromethane. Sample results were non-detects, and have been reported as qualified data.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 660-173417 recovered outside control limits for the following analytes: 1,1,2-Trichloroethane. This analytes was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: IWI-1 (660-75747-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: EW-UAFG-1 (660-75781-1). Elevated reporting limits (RLs) are provided. Batch 173465.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: PZ-LSAS-2 (660-75781-25) and PZ-LSAS-4 (660-75781-26). Elevated reporting limits (RLs) are provided. Batch 173516.

Method(s) 8260B: LCSD was not run in sequence, only reporting diluted analyte. All other QC is provided. Batch 173554.

MW-253 (660-75747-21)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-75488-1	7851 15TH ST E #2	Water	08/09/16 07:26	08/10/16 13:15
660-75488-2	MW-31	Water	08/09/16 13:16	08/10/16 13:15
660-75488-3	MW-59	Water	08/09/16 10:51	08/10/16 13:15
660-75488-4	MW-68	Water	08/09/16 11:17	08/10/16 13:15
660-75488-5	MW-74	Water	08/09/16 10:56	08/10/16 13:15
660-75488-6	MW-82	Water	08/09/16 11:27	08/10/16 13:15
660-75488-7	MW-117	Water	08/09/16 10:09	08/10/16 13:15
660-75488-8	MW-118	Water	08/09/16 10:04	08/10/16 13:15
660-75488-9	MW-119	Water	08/09/16 09:33	08/10/16 13:15
660-75488-10	MW-120	Water	08/09/16 09:37	08/10/16 13:15
660-75488-11	TRIP BLANK 75488	Water	08/09/16 00:00	08/10/16 13:15
660-75524-1	MW-22	Water	08/11/16 12:10	08/12/16 15:00
660-75524-2	MW-23	Water	08/11/16 09:28	08/12/16 15:00
660-75524-3	MW-25	Water	08/11/16 15:17	08/12/16 15:00
660-75524-4	MW-27	Water	08/10/16 10:05	08/12/16 15:00
660-75524-5	MW-34	Water	08/10/16 07:17	08/12/16 15:00
660-75524-6	MW-35	Water	08/11/16 07:00	08/12/16 15:00
660-75524-7	MW-54	Water	08/10/16 10:40	08/12/16 15:00
660-75524-8	MW-73	Water	08/10/16 14:30	08/12/16 15:00
660-75524-9	MW-75	Water	08/11/16 07:22	08/12/16 15:00
660-75524-10	MW-83	Water	08/11/16 13:05	08/12/16 15:00
660-75524-11	MW-85	Water	08/11/16 14:49	08/12/16 15:00
660-75524-12	MW-87	Water	08/11/16 06:57	08/12/16 15:00
660-75524-13	MW-94	Water	08/11/16 09:40	08/12/16 15:00
660-75524-14	MW-95	Water	08/11/16 10:25	08/12/16 15:00
660-75524-15	MW-98	Water	08/10/16 15:05	08/12/16 15:00
660-75524-16	MW-100	Water	08/10/16 12:50	08/12/16 15:00
660-75524-17	MW-104	Water	08/10/16 08:47	08/12/16 15:00
660-75524-18	MW-105	Water	08/10/16 13:35	08/12/16 15:00
660-75524-19	MW-107	Water	08/11/16 11:15	08/12/16 15:00
660-75524-20	MW-114	Water	08/11/16 08:45	08/12/16 15:00
660-75524-21	MW-115	Water	08/12/16 09:17	08/12/16 15:00
660-75524-22	MW-151	Water	08/10/16 09:40	08/12/16 15:00
660-75524-23	MW-152	Water	08/10/16 10:15	08/12/16 15:00
660-75524-24	MW-155	Water	08/10/16 12:31	08/12/16 15:00
660-75524-25	MW-155 (DUP)	Water	08/10/16 12:35	08/12/16 15:00
660-75524-26	MW-156	Water	08/10/16 14:07	08/12/16 15:00
660-75524-27	MW-158	Water	08/10/16 15:17	08/12/16 15:00
660-75524-28	MW-160	Water	08/10/16 14:53	08/12/16 15:00
660-75524-29	MW-175	Water	08/12/16 07:58	08/12/16 15:00
660-75524-30	MW-176	Water	08/12/16 08:42	08/12/16 15:00
660-75524-31	MW-200	Water	08/12/16 09:30	08/12/16 15:00
660-75524-32	MW-230	Water	08/12/16 08:40	08/12/16 15:00
660-75524-33	MW-231	Water	08/12/16 08:05	08/12/16 15:00
660-75524-34	MW-248	Water	08/10/16 09:25	08/12/16 15:00
660-75524-35	BLANK -35 75524	Water	08/10/16 08:18	08/12/16 15:00
660-75524-36	Trip Blank 75524	Water	08/10/16 00:00	08/12/16 15:00
660-75655-1	2400 TALLEVAST RD	Water	08/15/16 14:25	08/17/16 11:40
660-75655-2	7561/7571 15TH ST E	Water	08/15/16 15:20	08/17/16 11:40
660-75655-3	MW-15D	Water	08/16/16 08:55	08/17/16 11:40
660-75655-4	MW-16D	Water	08/16/16 14:58	08/17/16 11:40
660-75655-5	MW-26	Water	08/15/16 15:35	08/17/16 11:40
660-75655-6	MW-28	Water	08/16/16 14:25	08/17/16 11:40

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-75655-7	MW-29	Water	08/16/16 14:51	08/17/16 11:40
660-75655-8	MW-50	Water	08/16/16 10:35	08/17/16 11:40
660-75655-9	MW-52	Water	08/16/16 10:17	08/17/16 11:40
660-75655-10	MW-53	Water	08/16/16 13:57	08/17/16 11:40
660-75655-11	MW-64	Water	08/16/16 09:27	08/17/16 11:40
660-75655-12	MW-77	Water	08/16/16 08:15	08/17/16 11:40
660-75655-13	MW-93	Water	08/16/16 11:10	08/17/16 11:40
660-75655-14	MW-111	Water	08/16/16 08:55	08/17/16 11:40
660-75655-15	MW-113	Water	08/16/16 09:30	08/17/16 11:40
660-75655-16	MW-135	Water	08/16/16 14:18	08/17/16 11:40
660-75655-17	MW-141	Water	08/15/16 12:45	08/17/16 11:40
660-75655-18	MW-143	Water	08/15/16 11:58	08/17/16 11:40
660-75655-19	MW-146	Water	08/15/16 13:40	08/17/16 11:40
660-75655-20	MW-148	Water	08/15/16 14:43	08/17/16 11:40
660-75655-21	MW-185R	Water	08/15/16 15:22	08/17/16 11:40
660-75655-22	MW-215	Water	08/15/16 12:08	08/17/16 11:40
660-75655-23	MW-249	Water	08/15/16 13:02	08/17/16 11:40
660-75655-24	MW-250	Water	08/15/16 14:34	08/17/16 11:40
660-75655-25	MW-255	Water	08/15/16 13:50	08/17/16 11:40
660-75655-26	Trip Blank 75655	Water	08/15/16 00:00	08/17/16 11:40
660-75664-1	MW-17D	Water	08/17/16 10:56	08/19/16 14:30
660-75664-2	MW-24	Water	08/18/16 10:05	08/19/16 14:30
660-75664-3	MW-47	Water	08/18/16 11:52	08/19/16 14:30
660-75664-4	MW-48	Water	08/18/16 10:18	08/19/16 14:30
660-75664-5	MW-48 (DUP)	Water	08/18/16 10:21	08/19/16 14:30
660-75664-6	MW-49	Water	08/17/16 12:57	08/19/16 14:30
660-75664-7	MW-55	Water	08/18/16 08:40	08/19/16 14:30
660-75664-8	MW-63	Water	08/17/16 09:30	08/19/16 14:30
660-75664-9	MW-65	Water	08/17/16 09:55	08/19/16 14:30
660-75664-10	MW-65 (DUP)	Water	08/17/16 09:59	08/19/16 14:30
660-75664-11	MW-69	Water	08/17/16 13:42	08/19/16 14:30
660-75664-12	MW-79	Water	08/17/16 13:15	08/19/16 14:30
660-75664-13	MW-89	Water	08/17/16 13:30	08/19/16 14:30
660-75664-14	MW-90	Water	08/17/16 10:40	08/19/16 14:30
660-75664-15	MW-91	Water	08/17/16 08:35	08/19/16 14:30
660-75664-16	MW-92	Water	08/17/16 08:45	08/19/16 14:30
660-75664-17	MW-101	Water	08/18/16 09:30	08/19/16 14:30
660-75664-18	MW-102	Water	08/17/16 14:30	08/19/16 14:30
660-75664-19	MW-102 (DUP)	Water	08/17/16 14:34	08/19/16 14:30
660-75664-20	MW-103	Water	08/17/16 15:05	08/19/16 14:30
660-75664-21	MW-106	Water	08/18/16 07:40	08/19/16 14:30
660-75664-22	MW-108	Water	08/18/16 09:05	08/19/16 14:30
660-75664-23	MW-109	Water	08/18/16 14:15	08/19/16 14:30
660-75664-24	MW-116	Water	08/18/16 08:06	08/19/16 14:30
660-75664-25	MW-124	Water	08/19/16 07:42	08/19/16 14:30
660-75664-26	MW-126	Water	08/17/16 14:45	08/19/16 14:30
660-75664-27	MW-131	Water	08/17/16 10:23	08/19/16 14:30
660-75664-28	MW-132	Water	08/17/16 14:00	08/19/16 14:30
660-75664-29	MW-133	Water	08/17/16 09:13	08/19/16 14:30
660-75664-30	MW-168	Water	08/18/16 12:57	08/19/16 14:30
660-75664-31	MW-169	Water	08/19/16 06:54	08/19/16 14:30
660-75664-32	MW-178	Water	08/18/16 08:35	08/19/16 14:30
660-75664-33	MW-219	Water	08/18/16 12:27	08/19/16 14:30

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-75664-34	MW-220	Water	08/18/16 11:30	08/19/16 14:30
660-75664-35	MW-221	Water	08/18/16 10:50	08/19/16 14:30
660-75664-36	MW-232	Water	08/18/16 13:43	08/19/16 14:30
660-75664-37	MW-239	Water	08/17/16 11:23	08/19/16 14:30
660-75664-38	MW-242	Water	08/19/16 07:35	08/19/16 14:30
660-75664-39	MW-243	Water	08/19/16 07:05	08/19/16 14:30
660-75664-40	BLANK -36	Water	08/17/16 09:32	08/19/16 14:30
660-75664-41	BLANK -37	Water	08/17/16 14:02	08/19/16 14:30
660-75664-42	BLANK -38	Water	08/18/16 09:47	08/19/16 14:30
660-75664-43	TRIP BLANK 75664	Water	08/17/16 00:00	08/19/16 14:30
660-75747-1	IWI-1	Water	08/23/16 10:00	08/24/16 15:00
660-75747-2	IWI-2	Water	08/23/16 09:02	08/24/16 15:00
660-75747-3	MW-13D	Water	08/22/16 14:05	08/24/16 15:00
660-75747-4	MW-21	Water	08/22/16 11:55	08/24/16 15:00
660-75747-5	MW-37	Water	08/23/16 11:00	08/24/16 15:00
660-75747-6	MW-39	Water	08/24/16 08:33	08/24/16 15:00
660-75747-7	MW-42	Water	08/23/16 12:09	08/24/16 15:00
660-75747-8	MW-43	Water	08/23/16 11:08	08/24/16 15:00
660-75747-9	MW-44	Water	08/22/16 14:05	08/24/16 15:00
660-75747-10	MW-45	Water	08/22/16 15:06	08/24/16 15:00
660-75747-11	MW-62	Water	08/22/16 12:40	08/24/16 15:00
660-75747-12	MW-72	Water	08/23/16 13:32	08/24/16 15:00
660-75747-13	MW-72 (DUP)	Water	08/23/16 13:37	08/24/16 15:00
660-75747-14	MW-76	Water	08/23/16 13:00	08/24/16 15:00
660-75747-15	MW-80	Water	08/23/16 14:27	08/24/16 15:00
660-75747-16	MW-80 (DUP)	Water	08/23/16 14:37	08/24/16 15:00
660-75747-17	MW-84	Water	08/24/16 08:10	08/24/16 15:00
660-75747-18	MW-162	Water	08/22/16 11:10	08/24/16 15:00
660-75747-19	MW-164	Water	08/22/16 12:00	08/24/16 15:00
660-75747-20	MW-233	Water	08/22/16 12:52	08/24/16 15:00
660-75747-21	MW-253	Water	08/23/16 10:00	08/24/16 15:00
660-75747-22	BLANK -39	Water	08/23/16 13:12	08/24/16 15:00
660-75747-23	BLANK -40	Water	08/23/16 14:05	08/24/16 15:00
660-75747-24	Trip Blank 75747	Water	08/22/16 00:00	08/24/16 15:00
660-75781-1	EW-UAFG-1	Water	08/25/16 14:05	08/26/16 15:30
660-75781-2	MW-8D	Water	08/25/16 14:45	08/26/16 15:30
660-75781-3	MW-9D	Water	08/24/16 09:30	08/26/16 15:30
660-75781-4	MW-30	Water	08/24/16 08:30	08/26/16 15:30
660-75781-5	MW-33	Water	08/24/16 13:47	08/26/16 15:30
660-75781-6	MW-41	Water	08/25/16 09:48	08/26/16 15:30
660-75781-7	MW-57	Water	08/26/16 08:55	08/26/16 15:30
660-75781-8	MW-58	Water	08/25/16 09:01	08/26/16 15:30
660-75781-9	MW-67	Water	08/24/16 09:45	08/26/16 15:30
660-75781-10	MW-70	Water	08/26/16 08:45	08/26/16 15:30
660-75781-11	MW-71	Water	08/25/16 15:15	08/26/16 15:30
660-75781-12	MW-78	Water	08/24/16 09:05	08/26/16 15:30
660-75781-13	MW-81	Water	08/24/16 09:00	08/26/16 15:30
660-75781-14	MW-86R	Water	08/24/16 11:01	08/26/16 15:30
660-75781-15	MW-110R	Water	08/24/16 12:00	08/26/16 15:30
660-75781-16	MW-127	Water	08/26/16 07:59	08/26/16 15:30
660-75781-17	MW-128	Water	08/25/16 10:51	08/26/16 15:30
660-75781-18	MW-128 (DUP)	Water	08/25/16 10:55	08/26/16 15:30
660-75781-19	MW-129	Water	08/25/16 09:50	08/26/16 15:30

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-75781-20	MW-130	Water	08/26/16 08:15	08/26/16 15:30
660-75781-21	MW-134	Water	08/24/16 10:54	08/26/16 15:30
660-75781-22	MW-134 (DUP)	Water	08/24/16 10:59	08/26/16 15:30
660-75781-23	MW-252	Water	08/25/16 11:15	08/26/16 15:30
660-75781-24	PZ-LSAS-1	Water	08/25/16 13:20	08/26/16 15:30
660-75781-25	PZ-LSAS-2	Water	08/25/16 12:35	08/26/16 15:30
660-75781-26	PZ-LSAS-4	Water	08/25/16 14:45	08/26/16 15:30
660-75781-27	PZ-LSAS-5	Water	08/25/16 13:40	08/26/16 15:30
660-75781-28	PZ-LSAS-6	Water	08/25/16 13:00	08/26/16 15:30
660-75781-29	PZ-LSAS-7	Water	08/25/16 12:14	08/26/16 15:30
660-75781-30	BLANK-42	Water	08/24/16 10:20	08/26/16 15:30
660-75781-31	BLANK-43	Water	08/25/16 10:23	08/26/16 15:30
660-75781-32	Trip Blank	Water	08/24/16 00:00	08/26/16 15:30
660-75814-1	MW-11R	Water	08/29/16 13:54	08/31/16 10:30
660-75814-2	MW-19	Water	08/29/16 13:01	08/31/16 10:30
660-75814-3	MW-32	Water	08/29/16 14:47	08/31/16 10:30
660-75814-4	MW-36	Water	08/30/16 07:17	08/31/16 10:30
660-75814-5	MW-38	Water	08/30/16 07:50	08/31/16 10:30
660-75814-6	MW-40	Water	08/30/16 08:22	08/31/16 10:30
660-75814-7	MW-254	Water	08/29/16 14:18	08/31/16 10:30

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
L	Off-scale high. Actual value is known to be greater than the value given.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: 7851 15TH ST E #2 — Lab Sample ID: 660-75488-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.2		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-31 — Lab Sample ID: 660-75488-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.63	I	1.0	0.50	ug/L	1		8260B	Total/NA

Client Sample ID: MW-59 — Lab Sample ID: 660-75488-3

No Detections.

Client Sample ID: MW-68 — Lab Sample ID: 660-75488-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-74 — Lab Sample ID: 660-75488-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.66	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.83	I	1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.2	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-82 — Lab Sample ID: 660-75488-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.2		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	38		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	47		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	1.0		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	150		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: MW-117 — Lab Sample ID: 660-75488-7

No Detections.

Client Sample ID: MW-118 — Lab Sample ID: 660-75488-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.5	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-119 — Lab Sample ID: 660-75488-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	27		20	9.9	ug/L	1		8260B	Total/NA

Client Sample ID: MW-120 — Lab Sample ID: 660-75488-10

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: TRIP BLANK 75488 — Lab Sample ID: 660-75488-11

No Detections.

Client Sample ID: MW-22 — Lab Sample ID: 660-75524-1

No Detections.

Client Sample ID: MW-23 — Lab Sample ID: 660-75524-2

No Detections.

Client Sample ID: MW-25 — Lab Sample ID: 660-75524-3

No Detections.

Client Sample ID: MW-27 — Lab Sample ID: 660-75524-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.8		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	26		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	57		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	77		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	31		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	99		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-34 — Lab Sample ID: 660-75524-5

No Detections.

Client Sample ID: MW-35 — Lab Sample ID: 660-75524-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.4		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.0		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	4.0		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: MW-54 — Lab Sample ID: 660-75524-7

No Detections.

Client Sample ID: MW-73 — Lab Sample ID: 660-75524-8

No Detections.

Client Sample ID: MW-75 — Lab Sample ID: 660-75524-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	2.5		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-83 — Lab Sample ID: 660-75524-10

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-83 (Continued) — Lab Sample ID: 660-75524-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.8		1.0	0.51	ug/L	1		8260B	Total/NA

Client Sample ID: MW-85 — Lab Sample ID: 660-75524-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	25		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	15		1.0	0.67	ug/L	1		8260B	Total/NA
Vinyl chloride	0.90	I	1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	46		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-87 — Lab Sample ID: 660-75524-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	16		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	27		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	28		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-94 — Lab Sample ID: 660-75524-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-95 — Lab Sample ID: 660-75524-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-98 — Lab Sample ID: 660-75524-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.9		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	9.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	38		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.1		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	29		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	28		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-100 — Lab Sample ID: 660-75524-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.83	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.0		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-104 — Lab Sample ID: 660-75524-17

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-104 (Continued) — Lab Sample ID: 660-75524-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	30		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	21		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	4.0		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	65		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-105 — Lab Sample ID: 660-75524-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-107 — Lab Sample ID: 660-75524-19

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	30		20	9.9	ug/L	1		8260B	Total/NA

Client Sample ID: MW-114 — Lab Sample ID: 660-75524-20

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.56	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	13		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-115 — Lab Sample ID: 660-75524-21

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.60	I	1.0	0.49	ug/L	1		8260B	Total/NA

Client Sample ID: MW-151 — Lab Sample ID: 660-75524-22

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.4	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-152 — Lab Sample ID: 660-75524-23

No Detections.

Client Sample ID: MW-155 — Lab Sample ID: 660-75524-24

No Detections.

Client Sample ID: MW-155 (DUP) — Lab Sample ID: 660-75524-25

No Detections.

Client Sample ID: MW-156 — Lab Sample ID: 660-75524-26

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	10	I	20	9.9	ug/L	1		8260B	Total/NA

Client Sample ID: MW-158 — Lab Sample ID: 660-75524-27

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-158 (Continued) — Lab Sample ID: 660-75524-27

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-160 — Lab Sample ID: 660-75524-28

No Detections.

Client Sample ID: MW-175 — Lab Sample ID: 660-75524-29

No Detections.

Client Sample ID: MW-176 — Lab Sample ID: 660-75524-30

No Detections.

Client Sample ID: MW-200 — Lab Sample ID: 660-75524-31

No Detections.

Client Sample ID: MW-230 — Lab Sample ID: 660-75524-32

No Detections.

Client Sample ID: MW-231 — Lab Sample ID: 660-75524-33

No Detections.

Client Sample ID: MW-248 — Lab Sample ID: 660-75524-34

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	11		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: BLANK -35 75524 — Lab Sample ID: 660-75524-35

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorodibromomethane	0.56	I	1.0	0.31	ug/L	1		8260B	Total/NA
Chloroform	4.6		1.0	0.90	ug/L	1		8260B	Total/NA
Dichlorobromomethane	3.5		1.0	0.44	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank 75524 — Lab Sample ID: 660-75524-36

No Detections.

Client Sample ID: 2400 TALLEVAST RD — Lab Sample ID: 660-75655-1

No Detections.

Client Sample ID: 7561/7571 15TH ST E — Lab Sample ID: 660-75655-2

No Detections.

Client Sample ID: MW-15D — Lab Sample ID: 660-75655-3

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-16D — Lab Sample ID: 660-75655-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.3	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-26 — Lab Sample ID: 660-75655-5

No Detections.

Client Sample ID: MW-28 — Lab Sample ID: 660-75655-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.1		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	6.2		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	28		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	74		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-29 — Lab Sample ID: 660-75655-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.7		1.0	0.65	ug/L	1		8260B	Total/NA
Trichloroethene	8.7		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	5.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-50 — Lab Sample ID: 660-75655-8

No Detections.

Client Sample ID: MW-52 — Lab Sample ID: 660-75655-9

No Detections.

Client Sample ID: MW-53 — Lab Sample ID: 660-75655-10

No Detections.

Client Sample ID: MW-64 — Lab Sample ID: 660-75655-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.57	I	1.0	0.52	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.4		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	1.6		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-77 — Lab Sample ID: 660-75655-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.4		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	5.2		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	33		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-93 — Lab Sample ID: 660-75655-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.0	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-111 — Lab Sample ID: 660-75655-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	7.1		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-113 — Lab Sample ID: 660-75655-15

No Detections.

Client Sample ID: MW-135 — Lab Sample ID: 660-75655-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.58	I	1.0	0.52	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	21		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	14		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-141 — Lab Sample ID: 660-75655-17

No Detections.

Client Sample ID: MW-143 — Lab Sample ID: 660-75655-18

No Detections.

Client Sample ID: MW-146 — Lab Sample ID: 660-75655-19

No Detections.

Client Sample ID: MW-148 — Lab Sample ID: 660-75655-20

No Detections.

Client Sample ID: MW-185R — Lab Sample ID: 660-75655-21

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13	I	20	9.9	ug/L	1		8260B	Total/NA
Carbon disulfide	5.8		2.0	1.0	ug/L	1		8260B	Total/NA
Chloroform	4.7		1.0	0.90	ug/L	1		8260B	Total/NA
Toluene	3.5		1.0	0.51	ug/L	1		8260B	Total/NA

Client Sample ID: MW-215 — Lab Sample ID: 660-75655-22

No Detections.

Client Sample ID: MW-249 — Lab Sample ID: 660-75655-23

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-250 — Lab Sample ID: 660-75655-24

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.4		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	33		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-255 — Lab Sample ID: 660-75655-25

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.68	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	12		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Trip Blank 75655 — Lab Sample ID: 660-75655-26

No Detections.

Client Sample ID: MW-17D — Lab Sample ID: 660-75664-1

No Detections.

Client Sample ID: MW-24 — Lab Sample ID: 660-75664-2

No Detections.

Client Sample ID: MW-47 — Lab Sample ID: 660-75664-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.73	I	1.0	0.49	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.5	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-48 — Lab Sample ID: 660-75664-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-48 (DUP) — Lab Sample ID: 660-75664-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-49 — Lab Sample ID: 660-75664-6

No Detections.

Client Sample ID: MW-55 — Lab Sample ID: 660-75664-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	6.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-63 — Lab Sample ID: 660-75664-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.92	I	1.0	0.65	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-63 (Continued) — Lab Sample ID: 660-75664-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-65 — Lab Sample ID: 660-75664-9

No Detections.

Client Sample ID: MW-65 (DUP) — Lab Sample ID: 660-75664-10

No Detections.

Client Sample ID: MW-69 — Lab Sample ID: 660-75664-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.4	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-79 — Lab Sample ID: 660-75664-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.8		1.0	0.65	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	5.5		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	3.8		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	3.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-89 — Lab Sample ID: 660-75664-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-90 — Lab Sample ID: 660-75664-14

No Detections.

Client Sample ID: MW-91 — Lab Sample ID: 660-75664-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.1		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.3		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	12		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	40		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-92 — Lab Sample ID: 660-75664-16

No Detections.

Client Sample ID: MW-101 — Lab Sample ID: 660-75664-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.9		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	21		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	2.6		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	120		10	5.0	ug/L	5		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-102 — Lab Sample ID: 660-75664-18

No Detections.

Client Sample ID: MW-102 (DUP) — Lab Sample ID: 660-75664-19

No Detections.

Client Sample ID: MW-103 — Lab Sample ID: 660-75664-20

No Detections.

Client Sample ID: MW-106 — Lab Sample ID: 660-75664-21

No Detections.

Client Sample ID: MW-108 — Lab Sample ID: 660-75664-22

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.72	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	8.7		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-109 — Lab Sample ID: 660-75664-23

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.83	I	1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	14		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-116 — Lab Sample ID: 660-75664-24

No Detections.

Client Sample ID: MW-124 — Lab Sample ID: 660-75664-25

No Detections.

Client Sample ID: MW-126 — Lab Sample ID: 660-75664-26

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	1.7		1.0	0.44	ug/L	1		8260B	Total/NA

Client Sample ID: MW-131 — Lab Sample ID: 660-75664-27

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.7		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	37		1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	32		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-132 — Lab Sample ID: 660-75664-28

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.84	I	1.0	0.67	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-132 (Continued) — Lab Sample ID: 660-75664-28

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	8.1		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	24		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	9.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-133 — Lab Sample ID: 660-75664-29

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	0.75	I	1.0	0.67	ug/L	1		8260B	Total/NA
1,4-Dioxane	13		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-168 — Lab Sample ID: 660-75664-30

No Detections.

Client Sample ID: MW-169 — Lab Sample ID: 660-75664-31

No Detections.

Client Sample ID: MW-178 — Lab Sample ID: 660-75664-32

No Detections.

Client Sample ID: MW-219 — Lab Sample ID: 660-75664-33

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	4.9		1.0	0.44	ug/L	1		8260B	Total/NA

Client Sample ID: MW-220 — Lab Sample ID: 660-75664-34

No Detections.

Client Sample ID: MW-221 — Lab Sample ID: 660-75664-35

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	2.2		1.0	0.44	ug/L	1		8260B	Total/NA

Client Sample ID: MW-232 — Lab Sample ID: 660-75664-36

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.2		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-239 — Lab Sample ID: 660-75664-37

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.0		1.0	0.65	ug/L	1		8260B	Total/NA
Trichloroethene	1.1		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.8		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-242 — Lab Sample ID: 660-75664-38

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-243 — Lab Sample ID: 660-75664-39

No Detections.

Client Sample ID: BLANK -36 — Lab Sample ID: 660-75664-40

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	4.3		1.0	0.90	ug/L	1		8260B	Total/NA
Dichlorobromomethane	2.7		1.0	0.44	ug/L	1		8260B	Total/NA

Client Sample ID: BLANK -37 — Lab Sample ID: 660-75664-41

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	4.2		1.0	0.90	ug/L	1		8260B	Total/NA
Dichlorobromomethane	2.5		1.0	0.44	ug/L	1		8260B	Total/NA

Client Sample ID: BLANK -38 — Lab Sample ID: 660-75664-42

No Detections.

Client Sample ID: TRIP BLANK 75664 — Lab Sample ID: 660-75664-43

No Detections.

Client Sample ID: IWI-1 — Lab Sample ID: 660-75747-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	33		5.0	2.6	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	150		5.0	3.4	ug/L	5		8260B	Total/NA
trans-1,2-Dichloroethene	8.0		5.0	3.4	ug/L	5		8260B	Total/NA
Trichloroethene	22		5.0	3.1	ug/L	5		8260B	Total/NA
Vinyl chloride	310		5.0	3.6	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene - DL	1300		50	33	ug/L	50		8260B	Total/NA
1,4-Dioxane	200		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: IWI-2 — Lab Sample ID: 660-75747-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	54		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	6.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	19		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	33		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	2.2		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	83		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-13D — Lab Sample ID: 660-75747-3

No Detections.

Client Sample ID: MW-21 — Lab Sample ID: 660-75747-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.4	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-37 — Lab Sample ID: 660-75747-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	85		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	12		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.2		1.0	0.50	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.71	ug/L	1		8260B	Total/NA
Trichloroethene - DL	95		5.0	3.1	ug/L	5		8260B	Total/NA
1,4-Dioxane	9.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-39 — Lab Sample ID: 660-75747-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	19		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.92	I	1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.1		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	140		10	6.5	ug/L	10		8260B	Total/NA
Trichloroethene - DL	850		10	6.1	ug/L	10		8260B	Total/NA
1,4-Dioxane	41		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-42 — Lab Sample ID: 660-75747-7

No Detections.

Client Sample ID: MW-43 — Lab Sample ID: 660-75747-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	37		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	12		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.8		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	60		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	35		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-44 — Lab Sample ID: 660-75747-9

No Detections.

Client Sample ID: MW-45 — Lab Sample ID: 660-75747-10

No Detections.

Client Sample ID: MW-62 — Lab Sample ID: 660-75747-11

No Detections.

Client Sample ID: MW-72 — Lab Sample ID: 660-75747-12

No Detections.

Client Sample ID: MW-72 (DUP) — Lab Sample ID: 660-75747-13

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-76 — Lab Sample ID: 660-75747-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	29		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	5.7		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: MW-80 — Lab Sample ID: 660-75747-15

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.97	I J3	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	9.6		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	1.9		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-80 (DUP) — Lab Sample ID: 660-75747-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.95	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.9		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	2.2		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.3	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-84 — Lab Sample ID: 660-75747-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.5	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-162 — Lab Sample ID: 660-75747-18

No Detections.

Client Sample ID: MW-164 — Lab Sample ID: 660-75747-19

No Detections.

Client Sample ID: MW-233 — Lab Sample ID: 660-75747-20

No Detections.

Client Sample ID: MW-253 — Lab Sample ID: 660-75747-21

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	12		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	66		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.1		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	20		1.0	0.61	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	540		10	6.5	ug/L	10		8260B	Total/NA
1,4-Dioxane	72		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: BLANK -39 — Lab Sample ID: 660-75747-22

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK -40 — Lab Sample ID: 660-75747-23

No Detections.

Client Sample ID: Trip Blank 75747 — Lab Sample ID: 660-75747-24

No Detections.

Client Sample ID: EW-UAFG-1 — Lab Sample ID: 660-75781-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	25		5.0	2.6	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	110		5.0	3.4	ug/L	5		8260B	Total/NA
trans-1,2-Dichloroethene	6.7		5.0	3.4	ug/L	5		8260B	Total/NA
Trichloroethene	19		5.0	3.1	ug/L	5		8260B	Total/NA
Vinyl chloride	210		5.0	3.6	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene - DL	700		50	33	ug/L	50		8260B	Total/NA
1,4-Dioxane	160		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: MW-8D — Lab Sample ID: 660-75781-2

No Detections.

Client Sample ID: MW-9D — Lab Sample ID: 660-75781-3

No Detections.

Client Sample ID: MW-30 — Lab Sample ID: 660-75781-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.81	I	1.0	0.51	ug/L	1		8260B	Total/NA

Client Sample ID: MW-33 — Lab Sample ID: 660-75781-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	8.5		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	6.4		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	8.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-41 — Lab Sample ID: 660-75781-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	100		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	54		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	81		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.2		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.91	I	1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene - DL	260		5.0	3.1	ug/L	5		8260B	Total/NA
1,4-Dioxane	300		20	10	ug/L	10		8260C SIM	Total/NA

Client Sample ID: MW-57 — Lab Sample ID: 660-75781-7

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-58 — Lab Sample ID: 660-75781-8

No Detections.

Client Sample ID: MW-67 — Lab Sample ID: 660-75781-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.87	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	3.8		1.0	0.67	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.47	I	1.0	0.44	ug/L	1		8260B	Total/NA
Trichloroethene	9.0		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.5	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-70 — Lab Sample ID: 660-75781-10

No Detections.

Client Sample ID: MW-71 — Lab Sample ID: 660-75781-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.0		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: MW-78 — Lab Sample ID: 660-75781-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.3		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	4.9		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	26		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	6.8		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.6	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-81 — Lab Sample ID: 660-75781-13

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	24		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	13		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	53		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	5.5		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	150		10	5.0	ug/L	5		8260C SIM	Total/NA

Client Sample ID: MW-86R — Lab Sample ID: 660-75781-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.68	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	11		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	11		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	1.1		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	51		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-110R — Lab Sample ID: 660-75781-15

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-127 — Lab Sample ID: 660-75781-16

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	14		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	65		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	4.1		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	470		10	6.5	ug/L	10		8260B	Total/NA
Trichloroethene - DL	140		10	6.1	ug/L	10		8260B	Total/NA
Vinyl chloride - DL	110		10	7.1	ug/L	10		8260B	Total/NA
1,4-Dioxane	80		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-128 — Lab Sample ID: 660-75781-17

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.2		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.0		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	3.7		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.0		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-128 (DUP) — Lab Sample ID: 660-75781-18

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.97	I	1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.75	I	1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	3.6		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	2.3		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-129 — Lab Sample ID: 660-75781-19

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.0	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-130 — Lab Sample ID: 660-75781-20

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	8.0		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	28		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	3.4		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	68		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-134 — Lab Sample ID: 660-75781-21

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	24		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	9.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	17		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.5		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	8.7		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	69	J3	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-134 (DUP) — Lab Sample ID: 660-75781-22

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-134 (DUP) (Continued) — Lab Sample ID: 660-75781-22

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	27		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	11		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	19		1.0	0.67	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.3		1.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	9.7		1.0	0.61	ug/L	1		8260B	Total/NA
1,4-Dioxane	71		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: MW-252 — Lab Sample ID: 660-75781-23

No Detections.

Client Sample ID: PZ-LSAS-1 — Lab Sample ID: 660-75781-24

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	17		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	14		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene - DL	220		5.0	3.1	ug/L	5		8260B	Total/NA
1,4-Dioxane	73	J3	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PZ-LSAS-2 — Lab Sample ID: 660-75781-25

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	39		2.0	1.3	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	2.3		2.0	1.0	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	9.4		2.0	1.3	ug/L	2		8260B	Total/NA
Tetrachloroethene	110		2.0	1.0	ug/L	2		8260B	Total/NA
Trichloroethene - DL	1000		20	12	ug/L	20		8260B	Total/NA
1,4-Dioxane	13		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PZ-LSAS-4 — Lab Sample ID: 660-75781-26

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	75		2.0	1.3	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	3.5		2.0	1.0	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	8.9		2.0	1.3	ug/L	2		8260B	Total/NA
Tetrachloroethene	20		2.0	1.0	ug/L	2		8260B	Total/NA
Trichloroethene - DL	730		20	12	ug/L	20		8260B	Total/NA
1,4-Dioxane	15		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PZ-LSAS-5 — Lab Sample ID: 660-75781-27

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	4.4		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	5.2		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene - DL	270		10	6.1	ug/L	10		8260B	Total/NA
1,4-Dioxane	6.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: PZ-LSAS-6 — Lab Sample ID: 660-75781-28

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.6		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	5.7		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	23		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.9		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene - DL	110		5.0	3.1	ug/L	5		8260B	Total/NA
1,4-Dioxane	5.5		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PZ-LSAS-7 — Lab Sample ID: 660-75781-29

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.8		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.60	I	1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	37		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: BLANK-42 — Lab Sample ID: 660-75781-30

No Detections.

Client Sample ID: BLANK-43 — Lab Sample ID: 660-75781-31

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 660-75781-32

No Detections.

Client Sample ID: MW-11R — Lab Sample ID: 660-75814-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.77	I	1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: MW-19 — Lab Sample ID: 660-75814-2

No Detections.

Client Sample ID: MW-32 — Lab Sample ID: 660-75814-3

No Detections.

Client Sample ID: MW-36 — Lab Sample ID: 660-75814-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.8		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	2.9		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: MW-38 — Lab Sample ID: 660-75814-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.7		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	0.63	I	1.0	0.61	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-40 — Lab Sample ID: 660-75814-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	17		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	9.1		1.0	0.61	ug/L	1		8260B	Total/NA

Client Sample ID: MW-254 — Lab Sample ID: 660-75814-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.0		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	530		10	5.0	ug/L	10		8260B	Total/NA
Trichloroethene - DL	78		10	6.1	ug/L	10		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: 7851 15TH ST E #2
Date Collected: 08/09/16 07:26
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/17/16 13:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/17/16 13:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 13:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/17/16 13:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/17/16 13:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/17/16 13:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/17/16 13:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/17/16 13:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/17/16 13:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/17/16 13:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/17/16 13:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/17/16 13:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/17/16 13:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/17/16 13:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/17/16 13:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/17/16 13:13	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/17/16 13:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/17/16 13:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/17/16 13:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/17/16 13:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/17/16 13:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/17/16 13:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/17/16 13:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/17/16 13:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 13:13	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/17/16 13:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/17/16 13:13	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 13:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/17/16 13:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/17/16 13:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/17/16 13:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/17/16 13:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/17/16 13:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/17/16 13:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/17/16 13:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/17/16 13:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/17/16 13:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/17/16 13:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/17/16 13:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/17/16 13:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/17/16 13:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/17/16 13:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/17/16 13:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/17/16 13:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/17/16 13:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/17/16 13:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/17/16 13:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/17/16 13:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/17/16 13:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: 7851 15TH ST E #2
Date Collected: 08/09/16 07:26
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/17/16 13:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/17/16 13:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/17/16 13:13	1
Toluene	0.51	U	1.0	0.51	ug/L			08/17/16 13:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 13:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/17/16 13:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/17/16 13:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 13:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 13:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 13:13	1
Trichloroethene	**1.2**		1.0	0.61	ug/L			08/17/16 13:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 13:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/17/16 13:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/17/16 13:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/17/16 13:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/17/16 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/17/16 13:13*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/17/16 13:13*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/17/16 13:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**	**I**	2.0	1.0	ug/L			08/12/16 14:47	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-31
Date Collected: 08/09/16 13:16
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/17/16 13:50	1
Benzene	0.50	U	1.0	0.50	ug/L			08/17/16 13:50	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 13:50	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/17/16 13:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/17/16 13:50	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/17/16 13:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/17/16 13:50	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/17/16 13:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/17/16 13:50	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/17/16 13:50	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/17/16 13:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/17/16 13:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/17/16 13:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/17/16 13:50	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/17/16 13:50	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/17/16 13:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/17/16 13:50	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/17/16 13:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/17/16 13:50	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/17/16 13:50	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/17/16 13:50	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/17/16 13:50	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/17/16 13:50	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/17/16 13:50	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 13:50	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/17/16 13:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/17/16 13:50	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 13:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/17/16 13:50	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/17/16 13:50	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/17/16 13:50	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/17/16 13:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/17/16 13:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/17/16 13:50	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/17/16 13:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/17/16 13:50	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/17/16 13:50	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/17/16 13:50	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/17/16 13:50	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/17/16 13:50	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/17/16 13:50	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/17/16 13:50	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/17/16 13:50	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/17/16 13:50	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/17/16 13:50	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/17/16 13:50	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/17/16 13:50	1
Styrene	0.98	U	2.0	0.98	ug/L			08/17/16 13:50	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/17/16 13:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-31
Date Collected: 08/09/16 13:16
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/17/16 13:50	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/17/16 13:50	1
Tetrachloroethene	**0.63**	**I**	1.0	0.50	ug/L			08/17/16 13:50	1
Toluene	0.51	U	1.0	0.51	ug/L			08/17/16 13:50	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 13:50	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/17/16 13:50	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/17/16 13:50	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 13:50	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 13:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 13:50	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/17/16 13:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 13:50	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/17/16 13:50	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/17/16 13:50	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/17/16 13:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/17/16 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*08/17/16 13:50*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/17/16 13:50*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*08/17/16 13:50*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/12/16 15:06	1

Client Sample ID: MW-59
Date Collected: 08/09/16 10:51
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/17/16 14:45	1
Benzene	0.50	U	1.0	0.50	ug/L			08/17/16 14:45	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 14:45	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/17/16 14:45	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/17/16 14:45	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/17/16 14:45	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/17/16 14:45	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/17/16 14:45	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/17/16 14:45	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/17/16 14:45	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/17/16 14:45	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/17/16 14:45	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/17/16 14:45	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/17/16 14:45	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/17/16 14:45	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/17/16 14:45	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/17/16 14:45	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/17/16 14:45	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/17/16 14:45	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/17/16 14:45	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/17/16 14:45	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/17/16 14:45	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/17/16 14:45	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/17/16 14:45	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 14:45	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/17/16 14:45	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/17/16 14:45	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 14:45	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/17/16 14:45	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/17/16 14:45	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/17/16 14:45	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/17/16 14:45	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/17/16 14:45	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/17/16 14:45	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/17/16 14:45	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/17/16 14:45	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/17/16 14:45	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/17/16 14:45	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/17/16 14:45	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/17/16 14:45	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/17/16 14:45	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/17/16 14:45	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/17/16 14:45	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/17/16 14:45	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/17/16 14:45	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/17/16 14:45	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/17/16 14:45	1
Styrene	0.98	U	2.0	0.98	ug/L			08/17/16 14:45	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/17/16 14:45	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-59
Date Collected: 08/09/16 10:51
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/17/16 14:45	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/17/16 14:45	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/17/16 14:45	1
Toluene	0.51	U	1.0	0.51	ug/L			08/17/16 14:45	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 14:45	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/17/16 14:45	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/17/16 14:45	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 14:45	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 14:45	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 14:45	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/17/16 14:45	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 14:45	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/17/16 14:45	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/17/16 14:45	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/17/16 14:45	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/17/16 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/17/16 14:45*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/17/16 14:45*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*08/17/16 14:45*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/12/16 15:24	1

Client Sample ID: MW-68
Date Collected: 08/09/16 11:17
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/17/16 15:04	1
Benzene	0.50	U	1.0	0.50	ug/L			08/17/16 15:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 15:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/17/16 15:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:04	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/17/16 15:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/17/16 15:04	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/17/16 15:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/17/16 15:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/17/16 15:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/17/16 15:04	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/17/16 15:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/17/16 15:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/17/16 15:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/17/16 15:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/17/16 15:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/17/16 15:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/17/16 15:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/17/16 15:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/17/16 15:04	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/17/16 15:04	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/17/16 15:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/17/16 15:04	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:04	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/17/16 15:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/17/16 15:04	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 15:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/17/16 15:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/17/16 15:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/17/16 15:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/17/16 15:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/17/16 15:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/17/16 15:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/17/16 15:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/17/16 15:04	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/17/16 15:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/17/16 15:04	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/17/16 15:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/17/16 15:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/17/16 15:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/17/16 15:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/17/16 15:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/17/16 15:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/17/16 15:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/17/16 15:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/17/16 15:04	1
Styrene	0.98	U	2.0	0.98	ug/L			08/17/16 15:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/17/16 15:04	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-68
Date Collected: 08/09/16 11:17
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/17/16 15:04	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/17/16 15:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/17/16 15:04	1
Toluene	0.51	U	1.0	0.51	ug/L			08/17/16 15:04	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 15:04	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/17/16 15:04	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/17/16 15:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 15:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 15:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 15:04	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/17/16 15:04	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/17/16 15:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/17/16 15:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/17/16 15:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/17/16 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/17/16 15:04*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/17/16 15:04*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/17/16 15:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.4**		2.0	1.0	ug/L			08/12/16 15:43	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-74
Date Collected: 08/09/16 10:56
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/17/16 15:22	1
Benzene	0.50	U	1.0	0.50	ug/L			08/17/16 15:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 15:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/17/16 15:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/17/16 15:22	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/17/16 15:22	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/17/16 15:22	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/17/16 15:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/17/16 15:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/17/16 15:22	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/17/16 15:22	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/17/16 15:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/17/16 15:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/17/16 15:22	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/17/16 15:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/17/16 15:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/17/16 15:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/17/16 15:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/17/16 15:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/17/16 15:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/17/16 15:22	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/17/16 15:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:22	1
1,1-Dichloroethane	**0.66**	**I**	1.0	0.52	ug/L			08/17/16 15:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/17/16 15:22	1
1,1-Dichloroethene	**0.83**	**I**	1.0	0.67	ug/L			08/17/16 15:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/17/16 15:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/17/16 15:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/17/16 15:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/17/16 15:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/17/16 15:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/17/16 15:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/17/16 15:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/17/16 15:22	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/17/16 15:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/17/16 15:22	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/17/16 15:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/17/16 15:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/17/16 15:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/17/16 15:22	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/17/16 15:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/17/16 15:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/17/16 15:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/17/16 15:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/17/16 15:22	1
Styrene	0.98	U	2.0	0.98	ug/L			08/17/16 15:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/17/16 15:22	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-74
Date Collected: 08/09/16 10:56
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/17/16 15:22	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/17/16 15:22	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/17/16 15:22	1
Toluene	0.51	U	1.0	0.51	ug/L			08/17/16 15:22	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 15:22	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/17/16 15:22	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/17/16 15:22	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 15:22	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 15:22	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 15:22	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/17/16 15:22	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:22	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/17/16 15:22	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/17/16 15:22	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/17/16 15:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/17/16 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*08/17/16 15:22*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*08/17/16 15:22*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/17/16 15:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.2**	**I**	2.0	1.0	ug/L			08/12/16 16:02	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-82
Date Collected: 08/09/16 11:27
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/17/16 15:41	1
Benzene	0.50	U	1.0	0.50	ug/L			08/17/16 15:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 15:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/17/16 15:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/17/16 15:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/17/16 15:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/17/16 15:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/17/16 15:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/17/16 15:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/17/16 15:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/17/16 15:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/17/16 15:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/17/16 15:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/17/16 15:41	1
cis-1,2-Dichloroethene	**2.2**		1.0	0.65	ug/L			08/17/16 15:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/17/16 15:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/17/16 15:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/17/16 15:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/17/16 15:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/17/16 15:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/17/16 15:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/17/16 15:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:41	1
1,1-Dichloroethane	**38**		1.0	0.52	ug/L			08/17/16 15:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/17/16 15:41	1
1,1-Dichloroethene	**47**		1.0	0.67	ug/L			08/17/16 15:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/17/16 15:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/17/16 15:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/17/16 15:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/17/16 15:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/17/16 15:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/17/16 15:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/17/16 15:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/17/16 15:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/17/16 15:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/17/16 15:41	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/17/16 15:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/17/16 15:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/17/16 15:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/17/16 15:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/17/16 15:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/17/16 15:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/17/16 15:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/17/16 15:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/17/16 15:41	1
Styrene	0.98	U	2.0	0.98	ug/L			08/17/16 15:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/17/16 15:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-82
Date Collected: 08/09/16 11:27
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/17/16 15:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/17/16 15:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/17/16 15:41	1
Toluene	0.51	U	1.0	0.51	ug/L			08/17/16 15:41	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 15:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/17/16 15:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/17/16 15:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 15:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 15:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 15:41	1
Trichloroethene	**1.0**		1.0	0.61	ug/L			08/17/16 15:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/17/16 15:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/17/16 15:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/17/16 15:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/17/16 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*70 - 130*		*08/17/16 15:41*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/17/16 15:41*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/17/16 15:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**150**		10	5.0	ug/L			08/12/16 19:20	5

Client Sample ID: MW-117
Date Collected: 08/09/16 10:09
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/17/16 15:59	1
Benzene	0.50	U	1.0	0.50	ug/L			08/17/16 15:59	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 15:59	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/17/16 15:59	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:59	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/17/16 15:59	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/17/16 15:59	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/17/16 15:59	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/17/16 15:59	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/17/16 15:59	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/17/16 15:59	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:59	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/17/16 15:59	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/17/16 15:59	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/17/16 15:59	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/17/16 15:59	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/17/16 15:59	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/17/16 15:59	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/17/16 15:59	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/17/16 15:59	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/17/16 15:59	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/17/16 15:59	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/17/16 15:59	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/17/16 15:59	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:59	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/17/16 15:59	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/17/16 15:59	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 15:59	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/17/16 15:59	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/17/16 15:59	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/17/16 15:59	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/17/16 15:59	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/17/16 15:59	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/17/16 15:59	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/17/16 15:59	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/17/16 15:59	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/17/16 15:59	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/17/16 15:59	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/17/16 15:59	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/17/16 15:59	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/17/16 15:59	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/17/16 15:59	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/17/16 15:59	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/17/16 15:59	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/17/16 15:59	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/17/16 15:59	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/17/16 15:59	1
Styrene	0.98	U	2.0	0.98	ug/L			08/17/16 15:59	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/17/16 15:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-117
Date Collected: 08/09/16 10:09
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/17/16 15:59	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/17/16 15:59	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/17/16 15:59	1
Toluene	0.51	U	1.0	0.51	ug/L			08/17/16 15:59	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 15:59	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/17/16 15:59	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/17/16 15:59	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 15:59	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 15:59	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 15:59	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/17/16 15:59	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 15:59	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/17/16 15:59	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/17/16 15:59	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/17/16 15:59	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/17/16 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/17/16 15:59*	*1*
Dibromofluoromethane	*116*		*70 - 130*		*08/17/16 15:59*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/17/16 15:59*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/15/16 13:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-118
Date Collected: 08/09/16 10:04
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/17/16 16:18	1
Benzene	0.50	U	1.0	0.50	ug/L			08/17/16 16:18	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 16:18	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/17/16 16:18	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/17/16 16:18	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/17/16 16:18	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/17/16 16:18	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/17/16 16:18	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/17/16 16:18	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/17/16 16:18	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/17/16 16:18	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/17/16 16:18	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/17/16 16:18	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/17/16 16:18	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/17/16 16:18	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/17/16 16:18	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/17/16 16:18	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/17/16 16:18	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/17/16 16:18	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/17/16 16:18	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/17/16 16:18	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/17/16 16:18	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/17/16 16:18	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/17/16 16:18	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 16:18	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/17/16 16:18	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/17/16 16:18	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 16:18	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/17/16 16:18	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/17/16 16:18	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/17/16 16:18	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/17/16 16:18	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/17/16 16:18	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/17/16 16:18	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/17/16 16:18	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/17/16 16:18	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/17/16 16:18	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/17/16 16:18	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/17/16 16:18	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/17/16 16:18	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/17/16 16:18	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/17/16 16:18	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/17/16 16:18	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/17/16 16:18	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/17/16 16:18	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/17/16 16:18	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/17/16 16:18	1
Styrene	0.98	U	2.0	0.98	ug/L			08/17/16 16:18	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/17/16 16:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-118
Date Collected: 08/09/16 10:04
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/17/16 16:18	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/17/16 16:18	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/17/16 16:18	1
Toluene	0.51	U	1.0	0.51	ug/L			08/17/16 16:18	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 16:18	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/17/16 16:18	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/17/16 16:18	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 16:18	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 16:18	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 16:18	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/17/16 16:18	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 16:18	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/17/16 16:18	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/17/16 16:18	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/17/16 16:18	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/17/16 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/17/16 16:18*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*08/17/16 16:18*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/17/16 16:18*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**	**I**	2.0	1.0	ug/L			08/15/16 13:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-119
Date Collected: 08/09/16 09:33
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	27		20	9.9	ug/L			08/17/16 16:36	1
Benzene	0.50	U	1.0	0.50	ug/L			08/17/16 16:36	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 16:36	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/17/16 16:36	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/17/16 16:36	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/17/16 16:36	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/17/16 16:36	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/17/16 16:36	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/17/16 16:36	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/17/16 16:36	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/17/16 16:36	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/17/16 16:36	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/17/16 16:36	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/17/16 16:36	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/17/16 16:36	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/17/16 16:36	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/17/16 16:36	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/17/16 16:36	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/17/16 16:36	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/17/16 16:36	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/17/16 16:36	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/17/16 16:36	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/17/16 16:36	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/17/16 16:36	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 16:36	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/17/16 16:36	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/17/16 16:36	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 16:36	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/17/16 16:36	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/17/16 16:36	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/17/16 16:36	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/17/16 16:36	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/17/16 16:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/17/16 16:36	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/17/16 16:36	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/17/16 16:36	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/17/16 16:36	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/17/16 16:36	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/17/16 16:36	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/17/16 16:36	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/17/16 16:36	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/17/16 16:36	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/17/16 16:36	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/17/16 16:36	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/17/16 16:36	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/17/16 16:36	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/17/16 16:36	1
Styrene	0.98	U	2.0	0.98	ug/L			08/17/16 16:36	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/17/16 16:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-119
Date Collected: 08/09/16 09:33
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/17/16 16:36	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/17/16 16:36	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/17/16 16:36	1
Toluene	0.51	U	1.0	0.51	ug/L			08/17/16 16:36	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 16:36	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/17/16 16:36	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/17/16 16:36	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 16:36	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 16:36	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 16:36	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/17/16 16:36	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 16:36	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/17/16 16:36	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/17/16 16:36	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/17/16 16:36	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/17/16 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*08/17/16 16:36*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/17/16 16:36*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/17/16 16:36*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/12/16 18:19	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-120
Date Collected: 08/09/16 09:37
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/17/16 16:55	1
Benzene	0.50	U	1.0	0.50	ug/L			08/17/16 16:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 16:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/17/16 16:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/17/16 16:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/17/16 16:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/17/16 16:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/17/16 16:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/17/16 16:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/17/16 16:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/17/16 16:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/17/16 16:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/17/16 16:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/17/16 16:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/17/16 16:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/17/16 16:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/17/16 16:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/17/16 16:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/17/16 16:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/17/16 16:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/17/16 16:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/17/16 16:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/17/16 16:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/17/16 16:55	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 16:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/17/16 16:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/17/16 16:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 16:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/17/16 16:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/17/16 16:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/17/16 16:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/17/16 16:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/17/16 16:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/17/16 16:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/17/16 16:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/17/16 16:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/17/16 16:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/17/16 16:55	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/17/16 16:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/17/16 16:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/17/16 16:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/17/16 16:55	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/17/16 16:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/17/16 16:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/17/16 16:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/17/16 16:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/17/16 16:55	1
Styrene	0.98	U	2.0	0.98	ug/L			08/17/16 16:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/17/16 16:55	1

Client Sample ID: MW-120
Date Collected: 08/09/16 09:37
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/17/16 16:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/17/16 16:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/17/16 16:55	1
Toluene	0.51	U	1.0	0.51	ug/L			08/17/16 16:55	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 16:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/17/16 16:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/17/16 16:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 16:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 16:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 16:55	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/17/16 16:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 16:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/17/16 16:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/17/16 16:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/17/16 16:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/17/16 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*08/17/16 16:55*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*08/17/16 16:55*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*08/17/16 16:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/12/16 18:37	1

Client Sample ID: TRIP BLANK 75488
Date Collected: 08/09/16 00:00
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/17/16 17:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/17/16 17:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 17:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/17/16 17:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/17/16 17:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/17/16 17:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/17/16 17:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/17/16 17:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/17/16 17:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/17/16 17:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/17/16 17:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/17/16 17:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/17/16 17:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/17/16 17:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/17/16 17:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/17/16 17:13	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/17/16 17:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/17/16 17:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/17/16 17:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/17/16 17:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/17/16 17:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/17/16 17:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/17/16 17:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/17/16 17:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 17:13	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/17/16 17:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/17/16 17:13	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 17:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/17/16 17:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/17/16 17:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/17/16 17:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/17/16 17:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/17/16 17:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/17/16 17:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/17/16 17:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/17/16 17:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/17/16 17:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/17/16 17:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/17/16 17:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/17/16 17:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/17/16 17:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/17/16 17:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/17/16 17:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/17/16 17:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/17/16 17:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/17/16 17:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/17/16 17:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/17/16 17:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/17/16 17:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: TRIP BLANK 75488
Date Collected: 08/09/16 00:00
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/17/16 17:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/17/16 17:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/17/16 17:13	1
Toluene	0.51	U	1.0	0.51	ug/L			08/17/16 17:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 17:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/17/16 17:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/17/16 17:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 17:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 17:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 17:13	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/17/16 17:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 17:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/17/16 17:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/17/16 17:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/17/16 17:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/17/16 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*08/17/16 17:13*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/17/16 17:13*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/17/16 17:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/12/16 14:29	1

Client Sample ID: MW-22
Date Collected: 08/11/16 12:10
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 09:16	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 09:16	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 09:16	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 09:16	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 09:16	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 09:16	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 09:16	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 09:16	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 09:16	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 09:16	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 09:16	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 09:16	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 09:16	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 09:16	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 09:16	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 09:16	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 09:16	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 09:16	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 09:16	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 09:16	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 09:16	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 09:16	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 09:16	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 09:16	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 09:16	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 09:16	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 09:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 09:16	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 09:16	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 09:16	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 09:16	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 09:16	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 09:16	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 09:16	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 09:16	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 09:16	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 09:16	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 09:16	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 09:16	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 09:16	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 09:16	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 09:16	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 09:16	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 09:16	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 09:16	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 09:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 09:16	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 09:16	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 09:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-22
Date Collected: 08/11/16 12:10
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 09:16	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 09:16	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 09:16	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 09:16	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 09:16	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 09:16	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 09:16	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 09:16	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 09:16	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 09:16	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 09:16	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 09:16	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 09:16	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 09:16	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 09:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 09:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/18/16 09:16*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/18/16 09:16*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/18/16 09:16*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/15/16 14:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-23
Date Collected: 08/11/16 09:28
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 09:35	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 09:35	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 09:35	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 09:35	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 09:35	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 09:35	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 09:35	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 09:35	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 09:35	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 09:35	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 09:35	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 09:35	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 09:35	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 09:35	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 09:35	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 09:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 09:35	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 09:35	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 09:35	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 09:35	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 09:35	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 09:35	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 09:35	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 09:35	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 09:35	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 09:35	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 09:35	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 09:35	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 09:35	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 09:35	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 09:35	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 09:35	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 09:35	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 09:35	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 09:35	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 09:35	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 09:35	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 09:35	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 09:35	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 09:35	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 09:35	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 09:35	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 09:35	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 09:35	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 09:35	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 09:35	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 09:35	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 09:35	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 09:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-23
Date Collected: 08/11/16 09:28
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 09:35	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 09:35	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 09:35	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 09:35	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 09:35	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 09:35	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 09:35	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 09:35	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 09:35	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 09:35	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 09:35	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 09:35	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 09:35	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 09:35	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 09:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 09:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/18/16 09:35*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/18/16 09:35*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/18/16 09:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/15/16 14:31	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-25
Date Collected: 08/11/16 15:17
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 09:54	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 09:54	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 09:54	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 09:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 09:54	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 09:54	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 09:54	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 09:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 09:54	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 09:54	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 09:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 09:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 09:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 09:54	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 09:54	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 09:54	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 09:54	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 09:54	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 09:54	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 09:54	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 09:54	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 09:54	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 09:54	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 09:54	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 09:54	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 09:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 09:54	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 09:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 09:54	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 09:54	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 09:54	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 09:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 09:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 09:54	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 09:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 09:54	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 09:54	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 09:54	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 09:54	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 09:54	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 09:54	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 09:54	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 09:54	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 09:54	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 09:54	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 09:54	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 09:54	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 09:54	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 09:54	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-25
Date Collected: 08/11/16 15:17
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 09:54	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 09:54	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 09:54	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 09:54	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 09:54	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 09:54	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 09:54	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 09:54	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 09:54	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 09:54	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 09:54	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 09:54	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 09:54	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 09:54	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 09:54	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/18/16 09:54*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/18/16 09:54*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/18/16 09:54*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/15/16 14:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-27
Date Collected: 08/10/16 10:05
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 10:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 10:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 10:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 10:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 10:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 10:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 10:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 10:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 10:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 10:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 10:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 10:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 10:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 10:13	1
cis-1,2-Dichloroethene	**2.8**		1.0	0.65	ug/L			08/18/16 10:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 10:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 10:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 10:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 10:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 10:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 10:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 10:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:13	1
1,1-Dichloroethane	**26**		1.0	0.52	ug/L			08/18/16 10:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 10:13	1
1,1-Dichloroethene	**57**		1.0	0.67	ug/L			08/18/16 10:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 10:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 10:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 10:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 10:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 10:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 10:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 10:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 10:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 10:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 10:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 10:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 10:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 10:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 10:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 10:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 10:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 10:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 10:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 10:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 10:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 10:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-27
Date Collected: 08/10/16 10:05
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 10:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 10:13	1
Tetrachloroethene	**77**		1.0	0.50	ug/L			08/18/16 10:13	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 10:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 10:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 10:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 10:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 10:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 10:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 10:13	1
Trichloroethene	**31**		1.0	0.61	ug/L			08/18/16 10:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 10:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 10:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 10:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/18/16 10:13*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/18/16 10:13*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/18/16 10:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**99**		2.0	1.0	ug/L			08/15/16 15:09	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-34
Date Collected: 08/10/16 07:17
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 10:32	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 10:32	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 10:32	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 10:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:32	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 10:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 10:32	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 10:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 10:32	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 10:32	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 10:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 10:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 10:32	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 10:32	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 10:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 10:32	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 10:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 10:32	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 10:32	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 10:32	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 10:32	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 10:32	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 10:32	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 10:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 10:32	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 10:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 10:32	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 10:32	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 10:32	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 10:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 10:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 10:32	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 10:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 10:32	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 10:32	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 10:32	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 10:32	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 10:32	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 10:32	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 10:32	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 10:32	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 10:32	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 10:32	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 10:32	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 10:32	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 10:32	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 10:32	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-34
Date Collected: 08/10/16 07:17
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 10:32	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 10:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 10:32	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 10:32	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 10:32	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 10:32	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 10:32	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 10:32	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 10:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 10:32	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 10:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:32	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 10:32	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 10:32	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 10:32	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/18/16 10:32*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/18/16 10:32*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/18/16 10:32*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/15/16 15:28	1

Client Sample ID: MW-35
Date Collected: 08/11/16 07:00
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 10:51	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 10:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 10:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 10:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:51	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 10:51	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 10:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 10:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 10:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 10:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 10:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 10:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 10:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 10:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 10:51	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 10:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 10:51	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 10:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 10:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 10:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 10:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 10:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 10:51	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:51	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 10:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 10:51	1
1,1-Dichloroethene	**1.4**		1.0	0.67	ug/L			08/18/16 10:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 10:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 10:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 10:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 10:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 10:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 10:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 10:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 10:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 10:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 10:51	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 10:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 10:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 10:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 10:51	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 10:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 10:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 10:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 10:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 10:51	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 10:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 10:51	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-35
Date Collected: 08/11/16 07:00
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 10:51	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 10:51	1
Tetrachloroethene	**4.0**		1.0	0.50	ug/L			08/18/16 10:51	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 10:51	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 10:51	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 10:51	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 10:51	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 10:51	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 10:51	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 10:51	1
Trichloroethene	**4.0**		1.0	0.61	ug/L			08/18/16 10:51	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:51	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 10:51	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 10:51	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 10:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 10:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/18/16 10:51*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/18/16 10:51*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/18/16 10:51*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/15/16 15:46	1

Client Sample ID: MW-54
Date Collected: 08/10/16 10:40
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 11:09	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 11:09	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 11:09	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 11:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 11:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 11:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 11:09	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 11:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 11:09	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 11:09	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 11:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 11:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 11:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 11:09	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 11:09	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 11:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 11:09	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 11:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 11:09	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 11:09	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 11:09	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 11:09	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 11:09	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 11:09	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 11:09	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 11:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 11:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 11:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 11:09	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 11:09	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 11:09	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 11:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 11:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 11:09	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 11:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 11:09	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 11:09	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 11:09	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 11:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 11:09	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 11:09	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 11:09	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 11:09	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 11:09	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 11:09	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 11:09	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 11:09	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 11:09	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 11:09	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-54
Date Collected: 08/10/16 10:40
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 11:09	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 11:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 11:09	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 11:09	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 11:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 11:09	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 11:09	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 11:09	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 11:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 11:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 11:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 11:09	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 11:09	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 11:09	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 11:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 11:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/18/16 11:09*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/18/16 11:09*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/18/16 11:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/15/16 16:05	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-73
Date Collected: 08/10/16 14:30
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 11:28	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 11:28	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 11:28	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 11:28	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 11:28	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 11:28	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 11:28	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 11:28	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 11:28	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 11:28	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 11:28	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 11:28	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 11:28	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 11:28	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 11:28	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 11:28	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 11:28	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 11:28	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 11:28	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 11:28	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 11:28	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 11:28	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 11:28	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 11:28	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 11:28	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 11:28	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 11:28	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 11:28	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 11:28	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 11:28	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 11:28	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 11:28	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 11:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 11:28	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 11:28	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 11:28	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 11:28	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 11:28	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 11:28	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 11:28	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 11:28	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 11:28	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 11:28	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 11:28	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 11:28	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 11:28	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 11:28	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 11:28	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 11:28	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-73
Date Collected: 08/10/16 14:30
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 11:28	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 11:28	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 11:28	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 11:28	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 11:28	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 11:28	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 11:28	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 11:28	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 11:28	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 11:28	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 11:28	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 11:28	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 11:28	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 11:28	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 11:28	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/18/16 11:28*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/18/16 11:28*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/18/16 11:28*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/15/16 16:24	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-75
Date Collected: 08/11/16 07:22
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 11:47	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 11:47	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 11:47	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 11:47	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 11:47	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 11:47	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 11:47	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 11:47	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 11:47	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 11:47	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 11:47	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 11:47	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 11:47	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 11:47	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 11:47	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 11:47	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 11:47	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 11:47	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 11:47	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 11:47	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 11:47	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 11:47	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 11:47	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 11:47	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 11:47	1
1,1-Dichloroethane	**4.3**		1.0	0.52	ug/L			08/18/16 11:47	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 11:47	1
1,1-Dichloroethene	**2.5**		1.0	0.67	ug/L			08/18/16 11:47	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 11:47	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 11:47	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 11:47	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 11:47	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 11:47	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 11:47	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 11:47	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 11:47	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 11:47	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 11:47	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 11:47	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 11:47	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 11:47	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 11:47	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 11:47	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 11:47	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 11:47	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 11:47	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 11:47	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 11:47	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 11:47	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-75
Date Collected: 08/11/16 07:22
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 11:47	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 11:47	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 11:47	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 11:47	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 11:47	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 11:47	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 11:47	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 11:47	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 11:47	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 11:47	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 11:47	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 11:47	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 11:47	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 11:47	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 11:47	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/18/16 11:47*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/18/16 11:47*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/18/16 11:47*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.1**		2.0	1.0	ug/L			08/15/16 16:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-83
Date Collected: 08/11/16 13:05
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 12:06	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 12:06	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 12:06	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 12:06	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 12:06	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 12:06	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 12:06	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 12:06	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 12:06	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 12:06	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 12:06	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 12:06	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 12:06	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 12:06	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 12:06	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 12:06	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 12:06	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 12:06	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 12:06	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 12:06	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 12:06	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 12:06	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 12:06	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 12:06	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 12:06	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 12:06	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 12:06	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 12:06	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 12:06	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 12:06	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 12:06	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 12:06	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 12:06	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 12:06	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 12:06	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 12:06	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 12:06	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 12:06	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 12:06	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 12:06	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 12:06	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 12:06	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 12:06	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 12:06	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 12:06	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 12:06	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 12:06	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 12:06	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 12:06	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-83
Date Collected: 08/11/16 13:05
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 12:06	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 12:06	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 12:06	1
Toluene	**1.8**		1.0	0.51	ug/L			08/18/16 12:06	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 12:06	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 12:06	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 12:06	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 12:06	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 12:06	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 12:06	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 12:06	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 12:06	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 12:06	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 12:06	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 12:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/18/16 12:06*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/18/16 12:06*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/18/16 12:06*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/15/16 17:02	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-85
Date Collected: 08/11/16 14:49
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 12:25	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 12:25	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 12:25	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 12:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 12:25	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 12:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 12:25	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 12:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 12:25	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 12:25	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 12:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 12:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 12:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 12:25	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 12:25	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 12:25	1
cis-1,2-Dichloroethene	**7.3**		1.0	0.65	ug/L			08/18/16 12:25	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 12:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 12:25	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 12:25	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 12:25	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 12:25	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 12:25	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 12:25	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 12:25	1
1,1-Dichloroethane	**25**		1.0	0.52	ug/L			08/18/16 12:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 12:25	1
1,1-Dichloroethene	**15**		1.0	0.67	ug/L			08/18/16 12:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 12:25	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 12:25	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 12:25	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 12:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 12:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 12:25	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 12:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 12:25	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 12:25	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 12:25	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 12:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 12:25	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 12:25	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 12:25	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 12:25	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 12:25	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 12:25	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 12:25	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 12:25	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 12:25	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 12:25	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-85
Date Collected: 08/11/16 14:49
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 12:25	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 12:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 12:25	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 12:25	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 12:25	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 12:25	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 12:25	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 12:25	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 12:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 12:25	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 12:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 12:25	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 12:25	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 12:25	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 12:25	1
Vinyl chloride	**0.90**	**I**	1.0	0.71	ug/L			08/18/16 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/18/16 12:25*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/18/16 12:25*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/18/16 12:25*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**46**		2.0	1.0	ug/L			08/15/16 17:20	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-87
Date Collected: 08/11/16 06:57
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 12:44	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 12:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 12:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 12:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 12:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 12:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 12:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 12:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 12:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 12:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 12:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 12:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 12:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 12:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 12:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 12:44	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.65	ug/L			08/18/16 12:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 12:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 12:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 12:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 12:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 12:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 12:44	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 12:44	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 12:44	1
1,1-Dichloroethane	**1.8**		1.0	0.52	ug/L			08/18/16 12:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 12:44	1
1,1-Dichloroethene	**16**		1.0	0.67	ug/L			08/18/16 12:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 12:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 12:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 12:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 12:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 12:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 12:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 12:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 12:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 12:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 12:44	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 12:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 12:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 12:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 12:44	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 12:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 12:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 12:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 12:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 12:44	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 12:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 12:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-87
Date Collected: 08/11/16 06:57
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 12:44	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 12:44	1
Tetrachloroethene	**27**		1.0	0.50	ug/L			08/18/16 12:44	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 12:44	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 12:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 12:44	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 12:44	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 12:44	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 12:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 12:44	1
Trichloroethene	**28**		1.0	0.61	ug/L			08/18/16 12:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 12:44	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 12:44	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 12:44	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 12:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/18/16 12:44*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/18/16 12:44*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/18/16 12:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.1**		2.0	1.0	ug/L			08/15/16 17:42	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-94
Date Collected: 08/11/16 09:40
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 13:59	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 13:59	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 13:59	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 13:59	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:59	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 13:59	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 13:59	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 13:59	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 13:59	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 13:59	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 13:59	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:59	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 13:59	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 13:59	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 13:59	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 13:59	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 13:59	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 13:59	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 13:59	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 13:59	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 13:59	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 13:59	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 13:59	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 13:59	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:59	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 13:59	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 13:59	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 13:59	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 13:59	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 13:59	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 13:59	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 13:59	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 13:59	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 13:59	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 13:59	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 13:59	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 13:59	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 13:59	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 13:59	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 13:59	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 13:59	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 13:59	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 13:59	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 13:59	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 13:59	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 13:59	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 13:59	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 13:59	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 13:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-94
Date Collected: 08/11/16 09:40
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 13:59	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 13:59	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 13:59	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 13:59	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 13:59	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 13:59	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 13:59	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 13:59	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 13:59	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 13:59	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 13:59	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:59	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 13:59	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 13:59	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 13:59	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/18/16 13:59*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/18/16 13:59*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/18/16 13:59*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.9**		2.0	1.0	ug/L			08/15/16 18:02	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-95
Date Collected: 08/11/16 10:25
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 14:18	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 14:18	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 14:18	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 14:18	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:18	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 14:18	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 14:18	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 14:18	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 14:18	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 14:18	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 14:18	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:18	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 14:18	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 14:18	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 14:18	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 14:18	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 14:18	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 14:18	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 14:18	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 14:18	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 14:18	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 14:18	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 14:18	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 14:18	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:18	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 14:18	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 14:18	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 14:18	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 14:18	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 14:18	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 14:18	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 14:18	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 14:18	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 14:18	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 14:18	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 14:18	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 14:18	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 14:18	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 14:18	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 14:18	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 14:18	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 14:18	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 14:18	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 14:18	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 14:18	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 14:18	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 14:18	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 14:18	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 14:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-95
Date Collected: 08/11/16 10:25
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 14:18	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 14:18	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 14:18	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 14:18	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 14:18	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 14:18	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 14:18	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 14:18	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 14:18	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 14:18	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 14:18	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:18	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 14:18	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 14:18	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 14:18	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/18/16 14:18*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/18/16 14:18*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/18/16 14:18*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.3**		2.0	1.0	ug/L			08/15/16 18:21	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-98
Date Collected: 08/10/16 15:05
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 14:38	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 14:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 14:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 14:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 14:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 14:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 14:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 14:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 14:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 14:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 14:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 14:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 14:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 14:38	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.65	ug/L			08/18/16 14:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 14:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 14:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 14:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 14:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 14:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 14:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 14:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:38	1
1,1-Dichloroethane	**9.1**		1.0	0.52	ug/L			08/18/16 14:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 14:38	1
1,1-Dichloroethene	**38**		1.0	0.67	ug/L			08/18/16 14:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 14:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 14:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 14:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 14:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 14:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 14:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 14:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 14:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 14:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 14:38	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 14:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 14:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 14:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 14:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 14:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 14:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 14:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 14:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 14:38	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 14:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 14:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-98
Date Collected: 08/10/16 15:05
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 14:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 14:38	1
Tetrachloroethene	**1.1**		1.0	0.50	ug/L			08/18/16 14:38	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 14:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 14:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 14:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 14:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 14:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 14:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 14:38	1
Trichloroethene	**29**		1.0	0.61	ug/L			08/18/16 14:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 14:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 14:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 14:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/18/16 14:38*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/18/16 14:38*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/18/16 14:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**28**		2.0	1.0	ug/L			08/15/16 18:39	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-100
Date Collected: 08/10/16 12:50
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 14:56	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 14:56	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 14:56	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 14:56	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:56	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 14:56	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 14:56	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 14:56	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 14:56	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 14:56	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 14:56	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:56	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 14:56	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 14:56	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 14:56	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 14:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 14:56	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 14:56	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 14:56	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 14:56	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 14:56	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 14:56	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 14:56	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 14:56	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:56	1
1,1-Dichloroethane	**0.83**	**I**	1.0	0.52	ug/L			08/18/16 14:56	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 14:56	1
1,1-Dichloroethene	**1.0**		1.0	0.67	ug/L			08/18/16 14:56	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 14:56	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 14:56	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 14:56	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 14:56	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 14:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 14:56	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 14:56	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 14:56	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 14:56	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 14:56	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 14:56	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 14:56	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 14:56	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 14:56	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 14:56	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 14:56	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 14:56	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 14:56	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 14:56	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 14:56	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 14:56	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-100
Date Collected: 08/10/16 12:50
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 14:56	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 14:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 14:56	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 14:56	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 14:56	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 14:56	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 14:56	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 14:56	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 14:56	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 14:56	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 14:56	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:56	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 14:56	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 14:56	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 14:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/18/16 14:56*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/18/16 14:56*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/18/16 14:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.5**		2.0	1.0	ug/L			08/16/16 10:33	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-104
Date Collected: 08/10/16 08:47
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 15:15	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 15:15	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 15:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 15:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 15:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 15:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 15:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 15:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 15:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 15:15	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 15:15	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 15:15	1
cis-1,2-Dichloroethene	**13**		1.0	0.65	ug/L			08/18/16 15:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 15:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 15:15	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 15:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 15:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 15:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 15:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 15:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:15	1
1,1-Dichloroethane	**30**		1.0	0.52	ug/L			08/18/16 15:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 15:15	1
1,1-Dichloroethene	**21**		1.0	0.67	ug/L			08/18/16 15:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 15:15	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 15:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 15:15	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 15:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 15:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 15:15	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 15:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 15:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 15:15	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 15:15	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 15:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 15:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 15:15	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 15:15	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 15:15	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 15:15	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 15:15	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 15:15	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:15	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 15:15	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 15:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-104
Date Collected: 08/10/16 08:47
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 15:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 15:15	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 15:15	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 15:15	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 15:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 15:15	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:15	1
Trichloroethene	**4.0**		1.0	0.61	ug/L			08/18/16 15:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:15	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 15:15	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 15:15	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 15:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/18/16 15:15*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*08/18/16 15:15*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/18/16 15:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**65**		2.0	1.0	ug/L			08/16/16 10:51	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-105
Date Collected: 08/10/16 13:35
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 15:34	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 15:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 15:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 15:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 15:34	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 15:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 15:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 15:34	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 15:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 15:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 15:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 15:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 15:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 15:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 15:34	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 15:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 15:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 15:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 15:34	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 15:34	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:34	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 15:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 15:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 15:34	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 15:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 15:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 15:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 15:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 15:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 15:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 15:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 15:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 15:34	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 15:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 15:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 15:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 15:34	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 15:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 15:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 15:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 15:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:34	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 15:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 15:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-105
Date Collected: 08/10/16 13:35
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 15:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 15:34	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 15:34	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 15:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:34	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 15:34	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 15:34	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:34	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:34	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 15:34	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:34	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 15:34	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 15:34	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 15:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/18/16 15:34*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/18/16 15:34*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/18/16 15:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.8**		2.0	1.0	ug/L			08/16/16 11:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-107
Date Collected: 08/11/16 11:15
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	30		20	9.9	ug/L			08/18/16 15:53	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 15:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 15:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:53	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 15:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 15:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 15:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 15:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 15:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 15:53	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 15:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 15:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 15:53	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 15:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 15:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 15:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 15:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 15:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 15:53	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 15:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 15:53	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:53	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 15:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 15:53	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 15:53	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 15:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 15:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 15:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 15:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 15:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 15:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 15:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 15:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 15:53	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 15:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 15:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 15:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 15:53	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 15:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 15:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 15:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 15:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:53	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 15:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 15:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-107
Date Collected: 08/11/16 11:15
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 15:53	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 15:53	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 15:53	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 15:53	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:53	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 15:53	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 15:53	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:53	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:53	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 15:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:53	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 15:53	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 15:53	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 15:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*70 - 130*		*08/18/16 15:53*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/18/16 15:53*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/18/16 15:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 11:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-114
Date Collected: 08/11/16 08:45
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 16:12	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 16:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 16:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 16:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 16:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 16:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 16:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 16:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 16:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 16:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 16:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 16:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 16:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 16:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 16:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 16:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 16:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 16:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 16:12	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 16:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 16:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 16:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:12	1
1,1-Dichloroethane	**0.56**	**I**	1.0	0.52	ug/L			08/18/16 16:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 16:12	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 16:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 16:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 16:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 16:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 16:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 16:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 16:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 16:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 16:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 16:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 16:12	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 16:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 16:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 16:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 16:12	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 16:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 16:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 16:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 16:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 16:12	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 16:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 16:12	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-114
Date Collected: 08/11/16 08:45
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 16:12	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 16:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 16:12	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 16:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 16:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 16:12	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 16:12	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 16:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 16:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 16:12	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 16:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 16:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 16:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 16:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/18/16 16:12*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/18/16 16:12*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/18/16 16:12*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**13**		2.0	1.0	ug/L			08/16/16 12:01	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-115
Date Collected: 08/12/16 09:17
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 18:06	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 18:06	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 18:06	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 18:06	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 18:06	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 18:06	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 18:06	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 18:06	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 18:06	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 18:06	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 18:06	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 18:06	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 18:06	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 18:06	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 18:06	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 18:06	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 18:06	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 18:06	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 18:06	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 18:06	1
1,2-Dichlorobenzene	**0.60**	**I**	1.0	0.49	ug/L			08/18/16 18:06	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 18:06	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 18:06	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 18:06	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 18:06	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 18:06	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 18:06	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 18:06	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 18:06	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 18:06	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 18:06	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 18:06	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 18:06	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 18:06	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 18:06	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 18:06	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 18:06	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 18:06	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 18:06	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 18:06	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 18:06	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 18:06	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 18:06	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 18:06	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 18:06	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 18:06	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 18:06	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 18:06	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 18:06	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-115
Date Collected: 08/12/16 09:17
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 18:06	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 18:06	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 18:06	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 18:06	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 18:06	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 18:06	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 18:06	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 18:06	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 18:06	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 18:06	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 18:06	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 18:06	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 18:06	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 18:06	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 18:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/18/16 18:06*	*1*
Dibromofluoromethane	*116*		*70 - 130*		*08/18/16 18:06*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*08/18/16 18:06*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 12:19	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-151
Date Collected: 08/10/16 09:40
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 18:24	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 18:24	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 18:24	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 18:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 18:24	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 18:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 18:24	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 18:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 18:24	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 18:24	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 18:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 18:24	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 18:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 18:24	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 18:24	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 18:24	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 18:24	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 18:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 18:24	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 18:24	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 18:24	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 18:24	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 18:24	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 18:24	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 18:24	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 18:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 18:24	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 18:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 18:24	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 18:24	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 18:24	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 18:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 18:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 18:24	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 18:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 18:24	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 18:24	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 18:24	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 18:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 18:24	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 18:24	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 18:24	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 18:24	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 18:24	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 18:24	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 18:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 18:24	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 18:24	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 18:24	1

Client Sample ID: MW-151
Date Collected: 08/10/16 09:40
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 18:24	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 18:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 18:24	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 18:24	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 18:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 18:24	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 18:24	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 18:24	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 18:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 18:24	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 18:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 18:24	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 18:24	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 18:24	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 18:24	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/18/16 18:24*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/18/16 18:24*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/18/16 18:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.4**	**I**	2.0	1.0	ug/L			08/16/16 12:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-152
Date Collected: 08/10/16 10:15
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 13:11	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 13:11	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 13:11	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 13:11	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:11	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 13:11	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 13:11	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 13:11	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 13:11	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 13:11	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 13:11	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:11	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 13:11	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 13:11	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 13:11	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 13:11	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 13:11	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 13:11	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 13:11	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 13:11	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 13:11	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 13:11	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 13:11	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 13:11	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:11	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 13:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 13:11	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 13:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 13:11	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 13:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 13:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 13:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 13:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 13:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 13:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 13:11	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 13:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 13:11	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 13:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 13:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 13:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 13:11	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 13:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 13:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 13:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 13:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 13:11	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 13:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 13:11	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-152
Date Collected: 08/10/16 10:15
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 13:11	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 13:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 13:11	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 13:11	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 13:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 13:11	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 13:11	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 13:11	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 13:11	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 13:11	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 13:11	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:11	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 13:11	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 13:11	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 13:11	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*08/18/16 13:11*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/18/16 13:11*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*08/18/16 13:11*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 12:58	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-155
Date Collected: 08/10/16 12:31
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U J3	20	9.9	ug/L			08/18/16 13:29	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 13:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 13:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 13:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:29	1
2-Butanone (MEK)	8.4	U J3	10	8.4	ug/L			08/18/16 13:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 13:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 13:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 13:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 13:29	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 13:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 13:29	1
Chloromethane	1.0	U J3	4.0	1.0	ug/L			08/18/16 13:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 13:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 13:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 13:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 13:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 13:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 13:29	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 13:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 13:29	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 13:29	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 13:29	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:29	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 13:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 13:29	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 13:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 13:29	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 13:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 13:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 13:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 13:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 13:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 13:29	1
2-Hexanone	4.4	U J3	10	4.4	ug/L			08/18/16 13:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 13:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 13:29	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 13:29	1
4-Methyl-2-pentanone (MIBK)	4.0	U J3	10	4.0	ug/L			08/18/16 13:29	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 13:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 13:29	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 13:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 13:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 13:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 13:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 13:29	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 13:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 13:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-155
Date Collected: 08/10/16 12:31
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 13:29	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 13:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 13:29	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 13:29	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 13:29	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 13:29	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 13:29	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 13:29	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 13:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 13:29	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 13:29	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			08/18/16 13:29	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 13:29	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 13:29	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 13:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/18/16 13:29*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/18/16 13:29*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/18/16 13:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 13:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-155 (DUP)
Date Collected: 08/10/16 12:35
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 14:25	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 14:25	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 14:25	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 14:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:25	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 14:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 14:25	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 14:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 14:25	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 14:25	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 14:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 14:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 14:25	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 14:25	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 14:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 14:25	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 14:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 14:25	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 14:25	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 14:25	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 14:25	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 14:25	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 14:25	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:25	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 14:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 14:25	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 14:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 14:25	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 14:25	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 14:25	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 14:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 14:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 14:25	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 14:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 14:25	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 14:25	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 14:25	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 14:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 14:25	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 14:25	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 14:25	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 14:25	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 14:25	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 14:25	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 14:25	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 14:25	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 14:25	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 14:25	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-155 (DUP)
Date Collected: 08/10/16 12:35
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 14:25	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 14:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 14:25	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 14:25	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 14:25	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 14:25	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 14:25	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 14:25	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 14:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 14:25	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 14:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:25	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 14:25	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 14:25	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 14:25	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*08/18/16 14:25*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/18/16 14:25*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/18/16 14:25*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 14:30	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-156
Date Collected: 08/10/16 14:07
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	I	20	9.9	ug/L			08/18/16 14:43	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 14:43	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 14:43	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 14:43	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:43	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 14:43	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 14:43	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 14:43	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 14:43	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 14:43	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 14:43	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:43	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 14:43	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 14:43	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 14:43	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 14:43	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 14:43	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 14:43	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 14:43	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 14:43	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 14:43	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 14:43	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 14:43	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 14:43	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:43	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 14:43	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 14:43	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 14:43	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 14:43	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 14:43	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 14:43	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 14:43	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 14:43	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 14:43	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 14:43	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 14:43	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 14:43	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 14:43	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 14:43	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 14:43	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 14:43	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 14:43	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 14:43	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 14:43	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 14:43	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 14:43	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 14:43	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 14:43	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 14:43	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-156
Date Collected: 08/10/16 14:07
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 14:43	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 14:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 14:43	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 14:43	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 14:43	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 14:43	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 14:43	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 14:43	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 14:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 14:43	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 14:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 14:43	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 14:43	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 14:43	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 14:43	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/18/16 14:43*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/18/16 14:43*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/18/16 14:43*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 14:48	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-158
Date Collected: 08/10/16 15:17
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 15:02	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 15:02	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:02	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 15:02	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:02	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 15:02	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 15:02	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 15:02	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:02	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 15:02	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 15:02	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:02	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 15:02	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 15:02	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 15:02	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 15:02	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 15:02	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 15:02	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 15:02	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 15:02	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 15:02	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 15:02	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 15:02	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 15:02	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:02	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 15:02	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 15:02	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:02	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 15:02	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 15:02	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 15:02	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 15:02	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 15:02	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 15:02	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 15:02	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 15:02	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 15:02	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 15:02	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 15:02	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 15:02	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 15:02	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 15:02	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 15:02	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 15:02	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 15:02	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 15:02	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:02	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 15:02	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 15:02	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-158
Date Collected: 08/10/16 15:17
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 15:02	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 15:02	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 15:02	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 15:02	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:02	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 15:02	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 15:02	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:02	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:02	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:02	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 15:02	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:02	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 15:02	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 15:02	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 15:02	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*08/18/16 15:02*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/18/16 15:02*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*08/18/16 15:02*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.2**		2.0	1.0	ug/L			08/16/16 15:07	1

Client Sample ID: MW-160
Date Collected: 08/10/16 14:53
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 15:20	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 15:20	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:20	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 15:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:20	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 15:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 15:20	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 15:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:20	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 15:20	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 15:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 15:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 15:20	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 15:20	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 15:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 15:20	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 15:20	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 15:20	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 15:20	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 15:20	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 15:20	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 15:20	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 15:20	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:20	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 15:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 15:20	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 15:20	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 15:20	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 15:20	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 15:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 15:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 15:20	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 15:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 15:20	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 15:20	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 15:20	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 15:20	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 15:20	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 15:20	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 15:20	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 15:20	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 15:20	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 15:20	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 15:20	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:20	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 15:20	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 15:20	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-160
Date Collected: 08/10/16 14:53
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 15:20	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 15:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 15:20	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 15:20	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:20	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 15:20	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 15:20	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:20	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:20	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 15:20	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:20	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 15:20	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 15:20	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 15:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/18/16 15:20*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/18/16 15:20*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/18/16 15:20*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 15:25	1

Client Sample ID: MW-175
Date Collected: 08/12/16 07:58
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 15:38	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 15:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 15:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 15:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 15:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 15:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 15:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 15:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 15:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 15:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 15:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 15:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 15:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 15:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 15:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 15:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 15:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 15:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 15:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 15:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 15:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 15:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 15:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 15:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 15:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 15:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 15:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 15:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 15:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 15:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 15:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 15:38	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 15:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 15:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 15:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 15:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 15:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 15:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 15:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 15:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:38	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 15:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 15:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-175
Date Collected: 08/12/16 07:58
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 15:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 15:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 15:38	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 15:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 15:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 15:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 15:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 15:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 15:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 15:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/18/16 15:38*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/18/16 15:38*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*08/18/16 15:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 15:43	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-176
Date Collected: 08/12/16 08:42
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 15:57	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 15:57	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:57	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 15:57	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:57	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 15:57	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 15:57	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 15:57	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:57	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 15:57	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 15:57	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:57	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 15:57	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 15:57	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 15:57	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 15:57	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 15:57	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 15:57	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 15:57	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 15:57	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 15:57	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 15:57	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 15:57	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 15:57	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:57	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 15:57	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 15:57	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:57	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 15:57	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 15:57	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 15:57	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 15:57	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 15:57	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 15:57	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 15:57	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 15:57	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 15:57	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 15:57	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 15:57	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 15:57	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 15:57	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 15:57	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 15:57	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 15:57	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 15:57	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 15:57	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 15:57	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 15:57	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 15:57	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-176
Date Collected: 08/12/16 08:42
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 15:57	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 15:57	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 15:57	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 15:57	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 15:57	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 15:57	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 15:57	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 15:57	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:57	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 15:57	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 15:57	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 15:57	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 15:57	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 15:57	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 15:57	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/18/16 15:57*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/18/16 15:57*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*08/18/16 15:57*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 16:02	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-200
Date Collected: 08/12/16 09:30
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 16:16	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 16:16	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 16:16	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 16:16	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:16	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 16:16	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 16:16	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 16:16	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 16:16	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 16:16	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 16:16	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:16	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 16:16	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 16:16	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 16:16	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 16:16	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 16:16	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 16:16	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 16:16	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 16:16	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 16:16	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 16:16	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 16:16	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 16:16	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:16	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 16:16	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 16:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 16:16	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 16:16	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 16:16	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 16:16	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 16:16	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 16:16	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 16:16	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 16:16	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 16:16	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 16:16	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 16:16	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 16:16	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 16:16	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 16:16	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 16:16	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 16:16	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 16:16	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 16:16	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 16:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 16:16	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 16:16	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 16:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-200
Date Collected: 08/12/16 09:30
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 16:16	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 16:16	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 16:16	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 16:16	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 16:16	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 16:16	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 16:16	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 16:16	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 16:16	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 16:16	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 16:16	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:16	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 16:16	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 16:16	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 16:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*08/18/16 16:16*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/18/16 16:16*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*08/18/16 16:16*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 16:20	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-230
Date Collected: 08/12/16 08:40
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 16:34	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 16:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 16:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 16:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 16:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 16:34	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 16:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 16:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 16:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 16:34	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 16:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 16:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 16:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 16:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 16:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 16:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 16:34	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 16:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 16:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 16:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 16:34	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 16:34	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:34	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 16:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 16:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 16:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 16:34	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 16:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 16:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 16:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 16:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 16:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 16:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 16:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 16:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 16:34	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 16:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 16:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 16:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 16:34	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 16:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 16:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 16:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 16:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 16:34	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 16:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 16:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-230
Date Collected: 08/12/16 08:40
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 16:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 16:34	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 16:34	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 16:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 16:34	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 16:34	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 16:34	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 16:34	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 16:34	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 16:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 16:34	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:34	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 16:34	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 16:34	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 16:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/18/16 16:34*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/18/16 16:34*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/18/16 16:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 16:39	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-231
Date Collected: 08/12/16 08:05
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 16:52	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 16:52	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 16:52	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 16:52	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:52	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 16:52	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 16:52	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 16:52	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 16:52	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 16:52	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 16:52	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:52	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 16:52	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 16:52	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 16:52	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 16:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 16:52	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 16:52	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 16:52	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 16:52	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 16:52	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 16:52	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 16:52	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 16:52	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:52	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 16:52	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 16:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 16:52	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 16:52	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 16:52	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 16:52	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 16:52	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 16:52	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 16:52	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 16:52	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 16:52	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 16:52	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 16:52	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 16:52	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 16:52	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 16:52	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 16:52	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 16:52	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 16:52	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 16:52	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 16:52	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 16:52	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 16:52	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 16:52	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-231
Date Collected: 08/12/16 08:05
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 16:52	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 16:52	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 16:52	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 16:52	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 16:52	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 16:52	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 16:52	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 16:52	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 16:52	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 16:52	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 16:52	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 16:52	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 16:52	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 16:52	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 16:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*08/18/16 16:52*	*1*
Dibromofluoromethane	*115*		*70 - 130*		*08/18/16 16:52*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*08/18/16 16:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 16:57	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-248
Date Collected: 08/10/16 09:25
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 17:11	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 17:11	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 17:11	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 17:11	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 17:11	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 17:11	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 17:11	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 17:11	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 17:11	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 17:11	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 17:11	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 17:11	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 17:11	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 17:11	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 17:11	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 17:11	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 17:11	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 17:11	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 17:11	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 17:11	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 17:11	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 17:11	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 17:11	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 17:11	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 17:11	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 17:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 17:11	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 17:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 17:11	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 17:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 17:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 17:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 17:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 17:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 17:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 17:11	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 17:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 17:11	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 17:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 17:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 17:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 17:11	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 17:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 17:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 17:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 17:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 17:11	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 17:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 17:11	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-248
Date Collected: 08/10/16 09:25
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 17:11	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 17:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 17:11	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 17:11	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 17:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 17:11	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 17:11	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 17:11	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 17:11	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 17:11	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 17:11	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 17:11	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 17:11	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 17:11	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 17:11	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*08/18/16 17:11*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*08/18/16 17:11*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*		*08/18/16 17:11*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**11**		2.0	1.0	ug/L			08/16/16 17:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK -35 75524
Date Collected: 08/10/16 08:18
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 17:29	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 17:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 17:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 17:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 17:29	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 17:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 17:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 17:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 17:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 17:29	1
Chlorodibromomethane	**0.56**	**I**	1.0	0.31	ug/L			08/18/16 17:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 17:29	1
Chloroform	**4.6**		1.0	0.90	ug/L			08/18/16 17:29	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 17:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 17:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 17:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 17:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 17:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 17:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 17:29	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 17:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 17:29	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 17:29	1
Dichlorobromomethane	**3.5**		1.0	0.44	ug/L			08/18/16 17:29	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 17:29	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 17:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 17:29	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 17:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 17:29	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 17:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 17:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 17:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 17:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 17:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 17:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 17:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 17:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 17:29	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 17:29	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 17:29	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 17:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 17:29	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 17:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 17:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 17:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 17:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 17:29	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 17:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 17:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK -35 75524
Date Collected: 08/10/16 08:18
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 17:29	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 17:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 17:29	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 17:29	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 17:29	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 17:29	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 17:29	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 17:29	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 17:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 17:29	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 17:29	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 17:29	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 17:29	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 17:29	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 17:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*08/18/16 17:29*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/18/16 17:29*	*1*
Toluene-d8 (Surr)	*120*		*70 - 130*		*08/18/16 17:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 17:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: Trip Blank 75524
Date Collected: 08/10/16 00:00
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 17:48	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 17:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 17:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 17:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 17:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 17:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 17:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 17:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 17:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 17:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 17:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 17:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 17:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 17:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 17:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 17:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 17:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 17:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 17:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 17:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 17:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 17:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 17:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 17:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 17:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 17:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 17:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 17:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 17:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 17:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 17:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 17:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 17:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 17:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 17:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 17:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 17:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 17:48	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 17:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 17:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 17:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 17:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 17:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 17:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 17:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 17:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 17:48	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 17:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 17:48	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: Trip Blank 75524
Date Collected: 08/10/16 00:00
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 17:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 17:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 17:48	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 17:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 17:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 17:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 17:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 17:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 17:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 17:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 17:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 17:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 17:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 17:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 17:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*08/18/16 17:48*	*1*
Dibromofluoromethane	*114*		*70 - 130*		*08/18/16 17:48*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*08/18/16 17:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/17/16 09:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: 2400 TALLEVAST RD
Date Collected: 08/15/16 14:25
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 11:56	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 11:56	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 11:56	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 11:56	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 11:56	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 11:56	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 11:56	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 11:56	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 11:56	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 11:56	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 11:56	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 11:56	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 11:56	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 11:56	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 11:56	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 11:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 11:56	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 11:56	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 11:56	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 11:56	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 11:56	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 11:56	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 11:56	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 11:56	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/26/16 11:56	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 11:56	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 11:56	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 11:56	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 11:56	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 11:56	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 11:56	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 11:56	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 11:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 11:56	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 11:56	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 11:56	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 11:56	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 11:56	1
Methylene Chloride	5.0	U J3	10	5.0	ug/L			08/26/16 11:56	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 11:56	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 11:56	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 11:56	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 11:56	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 11:56	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 11:56	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 11:56	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 11:56	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 11:56	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 11:56	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: 2400 TALLEVAST RD
Date Collected: 08/15/16 14:25
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 11:56	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 11:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 11:56	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 11:56	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 11:56	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 11:56	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 11:56	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 11:56	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 11:56	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 11:56	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 11:56	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 11:56	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 11:56	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 11:56	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 11:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/26/16 11:56*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*08/26/16 11:56*	*1*
Toluene-d8 (Surr)	*114*		*70 - 130*		*08/26/16 11:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/24/16 10:49	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: 7561/7571 15TH ST E
Date Collected: 08/15/16 15:20
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 12:52	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 12:52	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 12:52	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 12:52	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 12:52	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 12:52	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 12:52	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 12:52	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 12:52	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 12:52	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 12:52	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 12:52	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 12:52	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 12:52	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 12:52	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 12:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 12:52	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 12:52	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 12:52	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 12:52	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 12:52	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 12:52	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 12:52	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 12:52	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 12:52	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 12:52	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 12:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 12:52	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 12:52	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 12:52	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 12:52	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 12:52	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 12:52	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 12:52	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 12:52	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 12:52	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 12:52	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 12:52	1
Methylene Chloride	5.0	U J3	10	5.0	ug/L			08/26/16 12:52	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 12:52	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 12:52	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 12:52	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 12:52	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 12:52	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 12:52	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 12:52	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 12:52	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 12:52	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 12:52	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: 7561/7571 15TH ST E
Date Collected: 08/15/16 15:20
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 12:52	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 12:52	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 12:52	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 12:52	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 12:52	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 12:52	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 12:52	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 12:52	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 12:52	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 12:52	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 12:52	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 12:52	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 12:52	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 12:52	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 12:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/26/16 12:52*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*08/26/16 12:52*	*1*
Toluene-d8 (Surr)	*119*		*70 - 130*		*08/26/16 12:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/24/16 17:49	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-15D
Date Collected: 08/16/16 08:55
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 13:10	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 13:10	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 13:10	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 13:10	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:10	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 13:10	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 13:10	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 13:10	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 13:10	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 13:10	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 13:10	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:10	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 13:10	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 13:10	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 13:10	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 13:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 13:10	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 13:10	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 13:10	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 13:10	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 13:10	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 13:10	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 13:10	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 13:10	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:10	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 13:10	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 13:10	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 13:10	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 13:10	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 13:10	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 13:10	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 13:10	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 13:10	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 13:10	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 13:10	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 13:10	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 13:10	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 13:10	1
Methylene Chloride	5.0	U J3	10	5.0	ug/L			08/26/16 13:10	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 13:10	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 13:10	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 13:10	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 13:10	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 13:10	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 13:10	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 13:10	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 13:10	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 13:10	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 13:10	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-15D
Date Collected: 08/16/16 08:55
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 13:10	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 13:10	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 13:10	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 13:10	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 13:10	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 13:10	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 13:10	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 13:10	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 13:10	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 13:10	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 13:10	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:10	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 13:10	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 13:10	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 13:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/26/16 13:10*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/26/16 13:10*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*08/26/16 13:10*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/24/16 18:07	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-16D
Date Collected: 08/16/16 14:58
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/29/16 14:52	1
Benzene	0.50	U	1.0	0.50	ug/L			08/29/16 14:52	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 14:52	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/29/16 14:52	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/29/16 14:52	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/29/16 14:52	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/29/16 14:52	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/29/16 14:52	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/29/16 14:52	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/29/16 14:52	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/29/16 14:52	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			08/29/16 14:52	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/29/16 14:52	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/29/16 14:52	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/29/16 14:52	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/29/16 14:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/29/16 14:52	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/29/16 14:52	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/29/16 14:52	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/29/16 14:52	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/29/16 14:52	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/29/16 14:52	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/29/16 14:52	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/29/16 14:52	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 14:52	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/29/16 14:52	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/29/16 14:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 14:52	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/29/16 14:52	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/29/16 14:52	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/29/16 14:52	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/29/16 14:52	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/29/16 14:52	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/29/16 14:52	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/29/16 14:52	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/29/16 14:52	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/29/16 14:52	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/29/16 14:52	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/29/16 14:52	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/29/16 14:52	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/29/16 14:52	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/29/16 14:52	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/29/16 14:52	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/29/16 14:52	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/29/16 14:52	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/29/16 14:52	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/29/16 14:52	1
Styrene	0.98	U	2.0	0.98	ug/L			08/29/16 14:52	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/29/16 14:52	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-16D
Date Collected: 08/16/16 14:58
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/29/16 14:52	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/29/16 14:52	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/29/16 14:52	1
Toluene	0.51	U	1.0	0.51	ug/L			08/29/16 14:52	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 14:52	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/29/16 14:52	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/29/16 14:52	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 14:52	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 14:52	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 14:52	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/29/16 14:52	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 14:52	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/29/16 14:52	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/29/16 14:52	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/29/16 14:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/29/16 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/29/16 14:52*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*08/29/16 14:52*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/29/16 14:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.3**	**I**	2.0	1.0	ug/L			08/24/16 18:27	1

Client Sample ID: MW-26
Date Collected: 08/15/16 15:35
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 13:47	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 13:47	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 13:47	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 13:47	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:47	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 13:47	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 13:47	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 13:47	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 13:47	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 13:47	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 13:47	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:47	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 13:47	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 13:47	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 13:47	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 13:47	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 13:47	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 13:47	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 13:47	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 13:47	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 13:47	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 13:47	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 13:47	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 13:47	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:47	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 13:47	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 13:47	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 13:47	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 13:47	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 13:47	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 13:47	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 13:47	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 13:47	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 13:47	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 13:47	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 13:47	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 13:47	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 13:47	1
Methylene Chloride	5.0	U J3	10	5.0	ug/L			08/26/16 13:47	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 13:47	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 13:47	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 13:47	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 13:47	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 13:47	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 13:47	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 13:47	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 13:47	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 13:47	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 13:47	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-26
Date Collected: 08/15/16 15:35
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 13:47	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 13:47	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 13:47	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 13:47	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 13:47	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 13:47	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 13:47	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 13:47	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 13:47	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 13:47	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 13:47	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:47	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 13:47	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 13:47	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 13:47	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/26/16 13:47*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/26/16 13:47*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*		*08/26/16 13:47*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 10:20	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-28
Date Collected: 08/16/16 14:25
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 14:06	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 14:06	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:06	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 14:06	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:06	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 14:06	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 14:06	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 14:06	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:06	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 14:06	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 14:06	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:06	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 14:06	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 14:06	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 14:06	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 14:06	1
cis-1,2-Dichloroethene	**3.0**		1.0	0.65	ug/L			08/26/16 14:06	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 14:06	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 14:06	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 14:06	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 14:06	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 14:06	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 14:06	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 14:06	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:06	1
1,1-Dichloroethane	**8.1**		1.0	0.52	ug/L			08/26/16 14:06	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 14:06	1
1,1-Dichloroethene	**6.2**		1.0	0.67	ug/L			08/26/16 14:06	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 14:06	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 14:06	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 14:06	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 14:06	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 14:06	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 14:06	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 14:06	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 14:06	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 14:06	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 14:06	1
Methylene Chloride	5.0	U J3	10	5.0	ug/L			08/26/16 14:06	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 14:06	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 14:06	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 14:06	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 14:06	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 14:06	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 14:06	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 14:06	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:06	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 14:06	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 14:06	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-28
Date Collected: 08/16/16 14:25
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 14:06	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 14:06	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 14:06	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 14:06	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 14:06	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 14:06	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 14:06	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:06	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:06	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:06	1
Trichloroethene	**28**		1.0	0.61	ug/L			08/26/16 14:06	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:06	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 14:06	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 14:06	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 14:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/26/16 14:06*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/26/16 14:06*	*1*
Toluene-d8 (Surr)	*127*		*70 - 130*		*08/26/16 14:06*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**74**		2.0	1.0	ug/L			08/25/16 10:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-29
Date Collected: 08/16/16 14:51
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 14:25	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 14:25	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:25	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 14:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:25	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 14:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 14:25	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 14:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:25	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 14:25	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 14:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 14:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 14:25	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 14:25	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 14:25	1
cis-1,2-Dichloroethene	**1.7**		1.0	0.65	ug/L			08/26/16 14:25	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 14:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 14:25	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 14:25	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 14:25	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 14:25	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 14:25	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 14:25	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:25	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 14:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 14:25	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 14:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 14:25	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 14:25	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 14:25	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 14:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 14:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 14:25	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 14:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 14:25	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 14:25	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 14:25	1
Methylene Chloride	5.0	U J3	10	5.0	ug/L			08/26/16 14:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 14:25	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 14:25	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 14:25	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 14:25	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 14:25	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 14:25	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 14:25	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:25	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 14:25	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 14:25	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-29
Date Collected: 08/16/16 14:51
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 14:25	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 14:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 14:25	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 14:25	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 14:25	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 14:25	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 14:25	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:25	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:25	1
Trichloroethene	**8.7**		1.0	0.61	ug/L			08/26/16 14:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:25	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 14:25	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 14:25	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 14:25	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/26/16 14:25*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*08/26/16 14:25*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*08/26/16 14:25*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.1**		2.0	1.0	ug/L			08/25/16 10:56	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-50
Date Collected: 08/16/16 10:35
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 14:43	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 14:43	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:43	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 14:43	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:43	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 14:43	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 14:43	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 14:43	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:43	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 14:43	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 14:43	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:43	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 14:43	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 14:43	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 14:43	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 14:43	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 14:43	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 14:43	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 14:43	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 14:43	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 14:43	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 14:43	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 14:43	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 14:43	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:43	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 14:43	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 14:43	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 14:43	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 14:43	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 14:43	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 14:43	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 14:43	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 14:43	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 14:43	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 14:43	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 14:43	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 14:43	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 14:43	1
Methylene Chloride	5.0	U J3	10	5.0	ug/L			08/26/16 14:43	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 14:43	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 14:43	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 14:43	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 14:43	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 14:43	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 14:43	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 14:43	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:43	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 14:43	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 14:43	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-50
Date Collected: 08/16/16 10:35
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 14:43	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 14:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 14:43	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 14:43	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 14:43	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 14:43	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 14:43	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:43	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:43	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 14:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:43	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 14:43	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 14:43	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 14:43	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/26/16 14:43*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*08/26/16 14:43*	*1*
Toluene-d8 (Surr)	*116*		*70 - 130*		*08/26/16 14:43*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 11:17	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-52
Date Collected: 08/16/16 10:17
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 12:44	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 12:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 12:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 12:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 12:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 12:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 12:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 12:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 12:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 12:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 12:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 12:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 12:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 12:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 12:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 12:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 12:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 12:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 12:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 12:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 12:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 12:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 12:44	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 12:44	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 12:44	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 12:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 12:44	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 12:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 12:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 12:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 12:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 12:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 12:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 12:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 12:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 12:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 12:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 12:44	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 12:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 12:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 12:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 12:44	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 12:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 12:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 12:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 12:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 12:44	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 12:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 12:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-52
Date Collected: 08/16/16 10:17
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 12:44	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 12:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 12:44	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 12:44	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 12:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 12:44	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 12:44	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 12:44	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 12:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 12:44	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 12:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 12:44	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 12:44	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 12:44	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 12:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/26/16 12:44*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/26/16 12:44*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/26/16 12:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 11:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-53
Date Collected: 08/16/16 13:57
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 13:03	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 13:03	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 13:03	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 13:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:03	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 13:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 13:03	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 13:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 13:03	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 13:03	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 13:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 13:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 13:03	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 13:03	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 13:03	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 13:03	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 13:03	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 13:03	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 13:03	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 13:03	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 13:03	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 13:03	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 13:03	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:03	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 13:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 13:03	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 13:03	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 13:03	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 13:03	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 13:03	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 13:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 13:03	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 13:03	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 13:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 13:03	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 13:03	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 13:03	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 13:03	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 13:03	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 13:03	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 13:03	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 13:03	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 13:03	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 13:03	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 13:03	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 13:03	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 13:03	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 13:03	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-53
Date Collected: 08/16/16 13:57
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 13:03	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 13:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 13:03	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 13:03	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 13:03	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 13:03	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 13:03	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 13:03	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 13:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 13:03	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 13:03	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:03	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 13:03	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 13:03	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 13:03	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/26/16 13:03*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*08/26/16 13:03*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/26/16 13:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 11:54	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-64
Date Collected: 08/16/16 09:27
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 13:22	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 13:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 13:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 13:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 13:22	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 13:22	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 13:22	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 13:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 13:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 13:22	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 13:22	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 13:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 13:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 13:22	1
cis-1,2-Dichloroethene	**2.3**		1.0	0.65	ug/L			08/26/16 13:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 13:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 13:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 13:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 13:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 13:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 13:22	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 13:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:22	1
1,1-Dichloroethane	**0.57**	**I**	1.0	0.52	ug/L			08/26/16 13:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 13:22	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 13:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 13:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 13:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 13:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 13:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 13:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 13:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 13:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 13:22	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 13:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 13:22	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 13:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 13:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 13:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 13:22	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 13:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 13:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 13:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 13:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 13:22	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 13:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 13:22	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-64
Date Collected: 08/16/16 09:27
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 13:22	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 13:22	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 13:22	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 13:22	1
trans-1,2-Dichloroethene	**2.4**		1.0	0.67	ug/L			08/26/16 13:22	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 13:22	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 13:22	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 13:22	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 13:22	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 13:22	1
Trichloroethene	**1.6**		1.0	0.61	ug/L			08/26/16 13:22	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:22	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 13:22	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 13:22	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 13:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/26/16 13:22*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/26/16 13:22*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/26/16 13:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.6**		2.0	1.0	ug/L			08/25/16 12:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-77
Date Collected: 08/16/16 08:15
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 13:41	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 13:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 13:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 13:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 13:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 13:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 13:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 13:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 13:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 13:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 13:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 13:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 13:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 13:41	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.65	ug/L			08/26/16 13:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 13:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 13:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 13:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 13:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 13:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 13:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 13:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:41	1
1,1-Dichloroethane	**8.8**		1.0	0.52	ug/L			08/26/16 13:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 13:41	1
1,1-Dichloroethene	**5.2**		1.0	0.67	ug/L			08/26/16 13:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 13:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 13:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 13:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 13:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 13:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 13:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 13:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 13:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 13:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 13:41	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 13:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 13:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 13:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 13:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 13:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 13:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 13:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 13:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 13:41	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 13:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 13:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-77
Date Collected: 08/16/16 08:15
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 13:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 13:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 13:41	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 13:41	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 13:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 13:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 13:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 13:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 13:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 13:41	1
Trichloroethene	**12**		1.0	0.61	ug/L			08/26/16 13:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 13:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 13:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 13:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 13:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 130*		*08/26/16 13:41*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*08/26/16 13:41*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/26/16 13:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**33**		2.0	1.0	ug/L			08/25/16 13:32	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-93
Date Collected: 08/16/16 11:10
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 14:00	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 14:00	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:00	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 14:00	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:00	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 14:00	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 14:00	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 14:00	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:00	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 14:00	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 14:00	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:00	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 14:00	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 14:00	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 14:00	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 14:00	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 14:00	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 14:00	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 14:00	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 14:00	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 14:00	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 14:00	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 14:00	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 14:00	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:00	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 14:00	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 14:00	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 14:00	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 14:00	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 14:00	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 14:00	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 14:00	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 14:00	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 14:00	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 14:00	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 14:00	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 14:00	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 14:00	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 14:00	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 14:00	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 14:00	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 14:00	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 14:00	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 14:00	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 14:00	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 14:00	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:00	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 14:00	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 14:00	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-93
Date Collected: 08/16/16 11:10
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 14:00	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 14:00	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 14:00	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 14:00	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 14:00	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 14:00	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 14:00	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:00	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:00	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:00	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 14:00	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:00	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 14:00	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 14:00	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 14:00	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/26/16 14:00*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*08/26/16 14:00*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/26/16 14:00*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.0**	**I**	2.0	1.0	ug/L			08/25/16 13:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-111
Date Collected: 08/16/16 08:55
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 14:19	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 14:19	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:19	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 14:19	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:19	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 14:19	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 14:19	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 14:19	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:19	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 14:19	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 14:19	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:19	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 14:19	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 14:19	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 14:19	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 14:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 14:19	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 14:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 14:19	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 14:19	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 14:19	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 14:19	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 14:19	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 14:19	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:19	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 14:19	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 14:19	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 14:19	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 14:19	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 14:19	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 14:19	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 14:19	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 14:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 14:19	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 14:19	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 14:19	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 14:19	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 14:19	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 14:19	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 14:19	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 14:19	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 14:19	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 14:19	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 14:19	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 14:19	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 14:19	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:19	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 14:19	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 14:19	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-111
Date Collected: 08/16/16 08:55
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 14:19	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 14:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 14:19	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 14:19	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 14:19	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 14:19	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 14:19	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:19	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:19	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 14:19	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:19	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 14:19	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 14:19	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 14:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/26/16 14:19*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/26/16 14:19*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*08/26/16 14:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.1**		2.0	1.0	ug/L			08/25/16 14:08	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-113
Date Collected: 08/16/16 09:30
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 14:38	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 14:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 14:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 14:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 14:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 14:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 14:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 14:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 14:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 14:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 14:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 14:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 14:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 14:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 14:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 14:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 14:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 14:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 14:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 14:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 14:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 14:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 14:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 14:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 14:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 14:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 14:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 14:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 14:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 14:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 14:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 14:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 14:38	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 14:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 14:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 14:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 14:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 14:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 14:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 14:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 14:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:38	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 14:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 14:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-113
Date Collected: 08/16/16 09:30
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 14:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 14:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 14:38	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 14:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 14:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 14:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 14:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 14:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 14:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 14:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 14:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/26/16 14:38*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*08/26/16 14:38*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*08/26/16 14:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 14:27	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-135
Date Collected: 08/16/16 14:18
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 14:57	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 14:57	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:57	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 14:57	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:57	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 14:57	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 14:57	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 14:57	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:57	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 14:57	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 14:57	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:57	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 14:57	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 14:57	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 14:57	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 14:57	1
cis-1,2-Dichloroethene	**13**		1.0	0.65	ug/L			08/26/16 14:57	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 14:57	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 14:57	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 14:57	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 14:57	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 14:57	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 14:57	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 14:57	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:57	1
1,1-Dichloroethane	**0.58**	**I**	1.0	0.52	ug/L			08/26/16 14:57	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 14:57	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 14:57	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 14:57	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 14:57	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 14:57	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 14:57	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 14:57	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 14:57	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 14:57	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 14:57	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 14:57	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 14:57	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 14:57	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 14:57	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 14:57	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 14:57	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 14:57	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 14:57	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 14:57	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 14:57	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 14:57	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 14:57	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 14:57	1

Client Sample ID: MW-135
Date Collected: 08/16/16 14:18
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 14:57	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 14:57	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 14:57	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 14:57	1
trans-1,2-Dichloroethene	**21**		1.0	0.67	ug/L			08/26/16 14:57	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 14:57	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 14:57	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 14:57	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:57	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 14:57	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 14:57	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 14:57	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 14:57	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 14:57	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 14:57	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/26/16 14:57*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*08/26/16 14:57*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/26/16 14:57*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**14**		2.0	1.0	ug/L			08/25/16 14:46	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-141
Date Collected: 08/15/16 12:45
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 15:15	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 15:15	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 15:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 15:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 15:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 15:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 15:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 15:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 15:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 15:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 15:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 15:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 15:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 15:15	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 15:15	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 15:15	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 15:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 15:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 15:15	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 15:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 15:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 15:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 15:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 15:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 15:15	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 15:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 15:15	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 15:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 15:15	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 15:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 15:15	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 15:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 15:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 15:15	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 15:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 15:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 15:15	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 15:15	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 15:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 15:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 15:15	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 15:15	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 15:15	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 15:15	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 15:15	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 15:15	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 15:15	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 15:15	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 15:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-141
Date Collected: 08/15/16 12:45
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 15:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 15:15	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 15:15	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 15:15	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 15:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 15:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 15:15	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 15:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 15:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 15:15	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 15:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 15:15	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 15:15	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 15:15	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 15:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/26/16 15:15*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/26/16 15:15*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/26/16 15:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 15:04	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-143
Date Collected: 08/15/16 11:58
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 15:35	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 15:35	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 15:35	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 15:35	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 15:35	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 15:35	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 15:35	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 15:35	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 15:35	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 15:35	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 15:35	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 15:35	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 15:35	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 15:35	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 15:35	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 15:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 15:35	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 15:35	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 15:35	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 15:35	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 15:35	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 15:35	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 15:35	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 15:35	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 15:35	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 15:35	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 15:35	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 15:35	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 15:35	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 15:35	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 15:35	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 15:35	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 15:35	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 15:35	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 15:35	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 15:35	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 15:35	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 15:35	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 15:35	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 15:35	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 15:35	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 15:35	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 15:35	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 15:35	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 15:35	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 15:35	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 15:35	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 15:35	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 15:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-143
Date Collected: 08/15/16 11:58
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 15:35	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 15:35	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 15:35	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 15:35	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 15:35	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 15:35	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 15:35	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 15:35	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 15:35	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 15:35	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 15:35	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 15:35	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 15:35	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 15:35	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 15:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/26/16 15:35*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/26/16 15:35*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/26/16 15:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 15:23	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-146
Date Collected: 08/15/16 13:40
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 15:53	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 15:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 15:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 15:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 15:53	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 15:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 15:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 15:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 15:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 15:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 15:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 15:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 15:53	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 15:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 15:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 15:53	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 15:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 15:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 15:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 15:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 15:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 15:53	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 15:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 15:53	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 15:53	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 15:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 15:53	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 15:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 15:53	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 15:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 15:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 15:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 15:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 15:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 15:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 15:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 15:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 15:53	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 15:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 15:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 15:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 15:53	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 15:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 15:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 15:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 15:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 15:53	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 15:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 15:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-146
Date Collected: 08/15/16 13:40
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 15:53	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 15:53	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 15:53	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 15:53	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 15:53	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 15:53	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 15:53	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 15:53	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 15:53	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 15:53	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 15:53	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 15:53	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 15:53	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 15:53	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 15:53	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/26/16 15:53*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*08/26/16 15:53*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*08/26/16 15:53*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 15:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-148
Date Collected: 08/15/16 14:43
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 16:12	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 16:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 16:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 16:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 16:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 16:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 16:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 16:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 16:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 16:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 16:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 16:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 16:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 16:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 16:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 16:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 16:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 16:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 16:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 16:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 16:12	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 16:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 16:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 16:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 16:12	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 16:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 16:12	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 16:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 16:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 16:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 16:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 16:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 16:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 16:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 16:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 16:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 16:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 16:12	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 16:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 16:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 16:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 16:12	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 16:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 16:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 16:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 16:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 16:12	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 16:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 16:12	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-148
Date Collected: 08/15/16 14:43
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 16:12	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 16:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 16:12	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 16:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 16:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 16:12	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 16:12	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 16:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 16:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 16:12	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 16:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 16:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 16:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 16:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 16:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/26/16 16:12*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/26/16 16:12*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*08/26/16 16:12*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 15:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-185R
Date Collected: 08/15/16 15:22
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**13**	**I**	20	9.9	ug/L			08/26/16 16:31	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 16:31	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 16:31	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 16:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 16:31	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 16:31	1
Carbon disulfide	**5.8**		2.0	1.0	ug/L			08/26/16 16:31	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 16:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 16:31	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 16:31	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 16:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 16:31	1
Chloroform	**4.7**		1.0	0.90	ug/L			08/26/16 16:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 16:31	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 16:31	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 16:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 16:31	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 16:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 16:31	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 16:31	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 16:31	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 16:31	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 16:31	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 16:31	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 16:31	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 16:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 16:31	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 16:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 16:31	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 16:31	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 16:31	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 16:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 16:31	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 16:31	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 16:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 16:31	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 16:31	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 16:31	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 16:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 16:31	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 16:31	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 16:31	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 16:31	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 16:31	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 16:31	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 16:31	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 16:31	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 16:31	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 16:31	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-185R
Date Collected: 08/15/16 15:22
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 16:31	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 16:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 16:31	1
Toluene	**3.5**		1.0	0.51	ug/L			08/26/16 16:31	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 16:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 16:31	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 16:31	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 16:31	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 16:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 16:31	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 16:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 16:31	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 16:31	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 16:31	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 16:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/26/16 16:31*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/26/16 16:31*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/26/16 16:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 16:19	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-215
Date Collected: 08/15/16 12:08
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 16:50	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 16:50	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 16:50	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 16:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 16:50	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 16:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 16:50	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 16:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 16:50	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 16:50	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 16:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 16:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 16:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 16:50	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 16:50	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 16:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 16:50	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 16:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 16:50	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 16:50	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 16:50	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 16:50	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 16:50	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 16:50	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 16:50	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 16:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 16:50	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 16:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 16:50	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 16:50	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 16:50	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 16:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 16:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 16:50	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 16:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 16:50	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 16:50	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 16:50	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 16:50	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 16:50	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 16:50	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 16:50	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 16:50	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 16:50	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 16:50	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 16:50	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 16:50	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 16:50	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 16:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-215
Date Collected: 08/15/16 12:08
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 16:50	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 16:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 16:50	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 16:50	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 16:50	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 16:50	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 16:50	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 16:50	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 16:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 16:50	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 16:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 16:50	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 16:50	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 16:50	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 16:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/26/16 16:50*	*1*
Dibromofluoromethane	*95*		*70 - 130*		*08/26/16 16:50*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/26/16 16:50*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 16:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-249
Date Collected: 08/15/16 13:02
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 17:09	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 17:09	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 17:09	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 17:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 17:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 17:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 17:09	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 17:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 17:09	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 17:09	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 17:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 17:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 17:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 17:09	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 17:09	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 17:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 17:09	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 17:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 17:09	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 17:09	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 17:09	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 17:09	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 17:09	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 17:09	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 17:09	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 17:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 17:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 17:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 17:09	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 17:09	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 17:09	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 17:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 17:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 17:09	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 17:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 17:09	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 17:09	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 17:09	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 17:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 17:09	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 17:09	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 17:09	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 17:09	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 17:09	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 17:09	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 17:09	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 17:09	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 17:09	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 17:09	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-249
Date Collected: 08/15/16 13:02
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 17:09	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 17:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 17:09	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 17:09	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 17:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 17:09	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 17:09	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 17:09	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 17:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 17:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 17:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 17:09	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 17:09	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 17:09	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 17:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/26/16 17:09*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/26/16 17:09*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/26/16 17:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 16:57	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-250
Date Collected: 08/15/16 14:34
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 17:28	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 17:28	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 17:28	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 17:28	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 17:28	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 17:28	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 17:28	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 17:28	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 17:28	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 17:28	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 17:28	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 17:28	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 17:28	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 17:28	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 17:28	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 17:28	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 17:28	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 17:28	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 17:28	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 17:28	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 17:28	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 17:28	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 17:28	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 17:28	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 17:28	1
1,1-Dichloroethane	**1.4**		1.0	0.52	ug/L			08/26/16 17:28	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 17:28	1
1,1-Dichloroethene	**1.4**		1.0	0.67	ug/L			08/26/16 17:28	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 17:28	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 17:28	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 17:28	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 17:28	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 17:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 17:28	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 17:28	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 17:28	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 17:28	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 17:28	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 17:28	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 17:28	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 17:28	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 17:28	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 17:28	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 17:28	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 17:28	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 17:28	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 17:28	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 17:28	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 17:28	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-250
Date Collected: 08/15/16 14:34
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 17:28	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 17:28	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 17:28	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 17:28	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 17:28	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 17:28	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 17:28	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 17:28	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 17:28	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 17:28	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 17:28	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 17:28	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 17:28	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 17:28	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 17:28	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/26/16 17:28*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*08/26/16 17:28*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/26/16 17:28*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**33**		2.0	1.0	ug/L			08/25/16 17:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-255
Date Collected: 08/15/16 13:50
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 17:47	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 17:47	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 17:47	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 17:47	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 17:47	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 17:47	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 17:47	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 17:47	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 17:47	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 17:47	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 17:47	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 17:47	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 17:47	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 17:47	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 17:47	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 17:47	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 17:47	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 17:47	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 17:47	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 17:47	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 17:47	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 17:47	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 17:47	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 17:47	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 17:47	1
1,1-Dichloroethane	**0.68**	**I**	1.0	0.52	ug/L			08/26/16 17:47	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 17:47	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 17:47	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 17:47	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 17:47	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 17:47	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 17:47	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 17:47	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 17:47	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 17:47	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 17:47	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 17:47	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 17:47	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 17:47	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 17:47	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 17:47	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 17:47	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 17:47	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 17:47	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 17:47	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 17:47	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 17:47	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 17:47	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 17:47	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-255
Date Collected: 08/15/16 13:50
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 17:47	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 17:47	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 17:47	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 17:47	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 17:47	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 17:47	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 17:47	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 17:47	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 17:47	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 17:47	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 17:47	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 17:47	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 17:47	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 17:47	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 17:47	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/26/16 17:47*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/26/16 17:47*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/26/16 17:47*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**12**		2.0	1.0	ug/L			08/26/16 14:37	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: Trip Blank 75655
Date Collected: 08/15/16 00:00
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 12:25	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 12:25	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 12:25	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 12:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 12:25	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 12:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 12:25	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 12:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 12:25	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 12:25	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 12:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 12:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 12:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 12:25	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 12:25	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 12:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 12:25	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 12:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 12:25	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 12:25	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 12:25	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 12:25	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 12:25	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 12:25	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 12:25	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 12:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 12:25	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 12:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 12:25	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 12:25	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 12:25	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 12:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 12:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 12:25	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 12:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 12:25	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 12:25	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 12:25	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 12:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 12:25	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 12:25	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 12:25	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 12:25	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 12:25	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 12:25	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 12:25	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 12:25	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 12:25	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 12:25	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: Trip Blank 75655
Date Collected: 08/15/16 00:00
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 12:25	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 12:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 12:25	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 12:25	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 12:25	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 12:25	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 12:25	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 12:25	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 12:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 12:25	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 12:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 12:25	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 12:25	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 12:25	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 12:25	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/26/16 12:25*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/26/16 12:25*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/26/16 12:25*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/26/16 14:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-17D
Date Collected: 08/17/16 10:56
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/29/16 16:08	1
Benzene	0.50	U	1.0	0.50	ug/L			08/29/16 16:08	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 16:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/29/16 16:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/29/16 16:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/29/16 16:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/29/16 16:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/29/16 16:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/29/16 16:08	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/29/16 16:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/29/16 16:08	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			08/29/16 16:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/29/16 16:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/29/16 16:08	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/29/16 16:08	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/29/16 16:08	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/29/16 16:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/29/16 16:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/29/16 16:08	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/29/16 16:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/29/16 16:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/29/16 16:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/29/16 16:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/29/16 16:08	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 16:08	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/29/16 16:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/29/16 16:08	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 16:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/29/16 16:08	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/29/16 16:08	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/29/16 16:08	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/29/16 16:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/29/16 16:08	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/29/16 16:08	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/29/16 16:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/29/16 16:08	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/29/16 16:08	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/29/16 16:08	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/29/16 16:08	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/29/16 16:08	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/29/16 16:08	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/29/16 16:08	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/29/16 16:08	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/29/16 16:08	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/29/16 16:08	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/29/16 16:08	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/29/16 16:08	1
Styrene	0.98	U	2.0	0.98	ug/L			08/29/16 16:08	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/29/16 16:08	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-17D
Date Collected: 08/17/16 10:56
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/29/16 16:08	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/29/16 16:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/29/16 16:08	1
Toluene	0.51	U	1.0	0.51	ug/L			08/29/16 16:08	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 16:08	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/29/16 16:08	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/29/16 16:08	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 16:08	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 16:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 16:08	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/29/16 16:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 16:08	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/29/16 16:08	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/29/16 16:08	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/29/16 16:08	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/29/16 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/29/16 16:08*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/29/16 16:08*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/29/16 16:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/26/16 15:00	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-24
Date Collected: 08/18/16 10:05
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/29/16 16:27	1
Benzene	0.50	U	1.0	0.50	ug/L			08/29/16 16:27	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 16:27	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/29/16 16:27	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/29/16 16:27	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/29/16 16:27	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/29/16 16:27	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/29/16 16:27	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/29/16 16:27	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/29/16 16:27	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/29/16 16:27	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			08/29/16 16:27	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/29/16 16:27	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/29/16 16:27	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/29/16 16:27	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/29/16 16:27	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/29/16 16:27	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/29/16 16:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/29/16 16:27	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/29/16 16:27	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/29/16 16:27	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/29/16 16:27	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/29/16 16:27	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/29/16 16:27	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 16:27	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/29/16 16:27	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/29/16 16:27	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 16:27	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/29/16 16:27	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/29/16 16:27	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/29/16 16:27	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/29/16 16:27	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/29/16 16:27	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/29/16 16:27	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/29/16 16:27	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/29/16 16:27	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/29/16 16:27	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/29/16 16:27	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/29/16 16:27	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/29/16 16:27	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/29/16 16:27	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/29/16 16:27	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/29/16 16:27	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/29/16 16:27	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/29/16 16:27	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/29/16 16:27	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/29/16 16:27	1
Styrene	0.98	U	2.0	0.98	ug/L			08/29/16 16:27	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/29/16 16:27	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-24
Date Collected: 08/18/16 10:05
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/29/16 16:27	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/29/16 16:27	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/29/16 16:27	1
Toluene	0.51	U	1.0	0.51	ug/L			08/29/16 16:27	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 16:27	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/29/16 16:27	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/29/16 16:27	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 16:27	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 16:27	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 16:27	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/29/16 16:27	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 16:27	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/29/16 16:27	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/29/16 16:27	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/29/16 16:27	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/29/16 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/29/16 16:27*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/29/16 16:27*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/29/16 16:27*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/26/16 15:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-47
Date Collected: 08/18/16 11:52
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/29/16 16:46	1
Benzene	0.50	U	1.0	0.50	ug/L			08/29/16 16:46	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 16:46	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/29/16 16:46	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/29/16 16:46	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/29/16 16:46	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/29/16 16:46	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/29/16 16:46	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/29/16 16:46	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/29/16 16:46	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/29/16 16:46	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			08/29/16 16:46	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/29/16 16:46	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/29/16 16:46	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/29/16 16:46	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/29/16 16:46	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/29/16 16:46	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/29/16 16:46	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/29/16 16:46	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/29/16 16:46	1
1,2-Dichlorobenzene	**0.73**	**I**	1.0	0.49	ug/L			08/29/16 16:46	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/29/16 16:46	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/29/16 16:46	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/29/16 16:46	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 16:46	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/29/16 16:46	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/29/16 16:46	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 16:46	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/29/16 16:46	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/29/16 16:46	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/29/16 16:46	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/29/16 16:46	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/29/16 16:46	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/29/16 16:46	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/29/16 16:46	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/29/16 16:46	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/29/16 16:46	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/29/16 16:46	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/29/16 16:46	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/29/16 16:46	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/29/16 16:46	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/29/16 16:46	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/29/16 16:46	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/29/16 16:46	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/29/16 16:46	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/29/16 16:46	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/29/16 16:46	1
Styrene	0.98	U	2.0	0.98	ug/L			08/29/16 16:46	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/29/16 16:46	1

Client Sample ID: MW-47
Date Collected: 08/18/16 11:52
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/29/16 16:46	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/29/16 16:46	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/29/16 16:46	1
Toluene	0.51	U	1.0	0.51	ug/L			08/29/16 16:46	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 16:46	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/29/16 16:46	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/29/16 16:46	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 16:46	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 16:46	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 16:46	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/29/16 16:46	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 16:46	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/29/16 16:46	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/29/16 16:46	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/29/16 16:46	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/29/16 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/29/16 16:46*	*1*
Dibromofluoromethane	*95*		*70 - 130*		*08/29/16 16:46*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/29/16 16:46*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**	**I**	2.0	1.0	ug/L			08/26/16 15:37	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-48
Date Collected: 08/18/16 10:18
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/29/16 17:04	1
Benzene	0.50	U	1.0	0.50	ug/L			08/29/16 17:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 17:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/29/16 17:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/29/16 17:04	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/29/16 17:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/29/16 17:04	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/29/16 17:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/29/16 17:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/29/16 17:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/29/16 17:04	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			08/29/16 17:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/29/16 17:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/29/16 17:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/29/16 17:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/29/16 17:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/29/16 17:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/29/16 17:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/29/16 17:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/29/16 17:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/29/16 17:04	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/29/16 17:04	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/29/16 17:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/29/16 17:04	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 17:04	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/29/16 17:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/29/16 17:04	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 17:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/29/16 17:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/29/16 17:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/29/16 17:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/29/16 17:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/29/16 17:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/29/16 17:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/29/16 17:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/29/16 17:04	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/29/16 17:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/29/16 17:04	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/29/16 17:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/29/16 17:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/29/16 17:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/29/16 17:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/29/16 17:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/29/16 17:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/29/16 17:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/29/16 17:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/29/16 17:04	1
Styrene	0.98	U	2.0	0.98	ug/L			08/29/16 17:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/29/16 17:04	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-48
Date Collected: 08/18/16 10:18
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/29/16 17:04	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/29/16 17:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/29/16 17:04	1
Toluene	0.51	U	1.0	0.51	ug/L			08/29/16 17:04	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 17:04	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/29/16 17:04	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/29/16 17:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 17:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 17:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 17:04	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/29/16 17:04	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 17:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/29/16 17:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/29/16 17:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/29/16 17:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/29/16 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/29/16 17:04*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/29/16 17:04*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/29/16 17:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.3**		2.0	1.0	ug/L			08/26/16 15:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-48 (DUP)
Date Collected: 08/18/16 10:21
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/29/16 18:20	1
Benzene	0.50	U	1.0	0.50	ug/L			08/29/16 18:20	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 18:20	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/29/16 18:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/29/16 18:20	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/29/16 18:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/29/16 18:20	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/29/16 18:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/29/16 18:20	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/29/16 18:20	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/29/16 18:20	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			08/29/16 18:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/29/16 18:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/29/16 18:20	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/29/16 18:20	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/29/16 18:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/29/16 18:20	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/29/16 18:20	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/29/16 18:20	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/29/16 18:20	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/29/16 18:20	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/29/16 18:20	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/29/16 18:20	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/29/16 18:20	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 18:20	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/29/16 18:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/29/16 18:20	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 18:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/29/16 18:20	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/29/16 18:20	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/29/16 18:20	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/29/16 18:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/29/16 18:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/29/16 18:20	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/29/16 18:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/29/16 18:20	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/29/16 18:20	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/29/16 18:20	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/29/16 18:20	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/29/16 18:20	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/29/16 18:20	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/29/16 18:20	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/29/16 18:20	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/29/16 18:20	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/29/16 18:20	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/29/16 18:20	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/29/16 18:20	1
Styrene	0.98	U	2.0	0.98	ug/L			08/29/16 18:20	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/29/16 18:20	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-48 (DUP)
Date Collected: 08/18/16 10:21
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/29/16 18:20	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/29/16 18:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/29/16 18:20	1
Toluene	0.51	U	1.0	0.51	ug/L			08/29/16 18:20	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 18:20	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/29/16 18:20	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/29/16 18:20	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 18:20	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 18:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 18:20	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/29/16 18:20	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 18:20	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/29/16 18:20	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/29/16 18:20	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/29/16 18:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/29/16 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/29/16 18:20*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/29/16 18:20*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/29/16 18:20*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.4**		2.0	1.0	ug/L			08/26/16 17:12	1

Client Sample ID: MW-49
Date Collected: 08/17/16 12:57
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/29/16 18:39	1
Benzene	0.50	U	1.0	0.50	ug/L			08/29/16 18:39	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 18:39	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/29/16 18:39	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/29/16 18:39	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/29/16 18:39	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/29/16 18:39	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/29/16 18:39	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/29/16 18:39	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/29/16 18:39	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/29/16 18:39	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			08/29/16 18:39	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/29/16 18:39	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/29/16 18:39	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/29/16 18:39	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/29/16 18:39	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/29/16 18:39	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/29/16 18:39	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/29/16 18:39	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/29/16 18:39	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/29/16 18:39	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/29/16 18:39	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/29/16 18:39	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/29/16 18:39	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 18:39	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/29/16 18:39	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/29/16 18:39	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 18:39	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/29/16 18:39	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/29/16 18:39	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/29/16 18:39	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/29/16 18:39	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/29/16 18:39	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/29/16 18:39	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/29/16 18:39	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/29/16 18:39	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/29/16 18:39	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/29/16 18:39	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/29/16 18:39	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/29/16 18:39	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/29/16 18:39	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/29/16 18:39	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/29/16 18:39	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/29/16 18:39	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/29/16 18:39	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/29/16 18:39	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/29/16 18:39	1
Styrene	0.98	U	2.0	0.98	ug/L			08/29/16 18:39	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/29/16 18:39	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-49
Date Collected: 08/17/16 12:57
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/29/16 18:39	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/29/16 18:39	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/29/16 18:39	1
Toluene	0.51	U	1.0	0.51	ug/L			08/29/16 18:39	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 18:39	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/29/16 18:39	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/29/16 18:39	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 18:39	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 18:39	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 18:39	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/29/16 18:39	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 18:39	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/29/16 18:39	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/29/16 18:39	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/29/16 18:39	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/29/16 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/29/16 18:39*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/29/16 18:39*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/29/16 18:39*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/26/16 17:30	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-55
Date Collected: 08/18/16 08:40
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/29/16 18:58	1
Benzene	0.50	U	1.0	0.50	ug/L			08/29/16 18:58	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 18:58	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/29/16 18:58	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/29/16 18:58	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/29/16 18:58	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/29/16 18:58	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/29/16 18:58	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/29/16 18:58	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/29/16 18:58	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/29/16 18:58	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			08/29/16 18:58	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/29/16 18:58	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/29/16 18:58	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/29/16 18:58	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/29/16 18:58	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/29/16 18:58	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/29/16 18:58	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/29/16 18:58	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/29/16 18:58	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/29/16 18:58	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/29/16 18:58	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/29/16 18:58	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/29/16 18:58	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 18:58	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/29/16 18:58	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/29/16 18:58	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 18:58	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/29/16 18:58	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/29/16 18:58	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/29/16 18:58	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/29/16 18:58	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/29/16 18:58	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/29/16 18:58	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/29/16 18:58	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/29/16 18:58	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/29/16 18:58	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/29/16 18:58	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/29/16 18:58	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/29/16 18:58	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/29/16 18:58	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/29/16 18:58	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/29/16 18:58	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/29/16 18:58	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/29/16 18:58	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/29/16 18:58	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/29/16 18:58	1
Styrene	0.98	U	2.0	0.98	ug/L			08/29/16 18:58	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/29/16 18:58	1

Client Sample ID: MW-55
Date Collected: 08/18/16 08:40
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/29/16 18:58	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/29/16 18:58	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/29/16 18:58	1
Toluene	0.51	U	1.0	0.51	ug/L			08/29/16 18:58	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 18:58	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/29/16 18:58	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/29/16 18:58	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 18:58	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 18:58	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 18:58	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/29/16 18:58	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 18:58	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/29/16 18:58	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/29/16 18:58	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/29/16 18:58	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/29/16 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/29/16 18:58*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/29/16 18:58*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/29/16 18:58*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.2**		2.0	1.0	ug/L			08/26/16 17:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-63
Date Collected: 08/17/16 09:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/29/16 19:17	1
Benzene	0.50	U	1.0	0.50	ug/L			08/29/16 19:17	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 19:17	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/29/16 19:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/29/16 19:17	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/29/16 19:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/29/16 19:17	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/29/16 19:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/29/16 19:17	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/29/16 19:17	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/29/16 19:17	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			08/29/16 19:17	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/29/16 19:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/29/16 19:17	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/29/16 19:17	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/29/16 19:17	1
cis-1,2-Dichloroethene	**0.92**	**I**	1.0	0.65	ug/L			08/29/16 19:17	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/29/16 19:17	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/29/16 19:17	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/29/16 19:17	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/29/16 19:17	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/29/16 19:17	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/29/16 19:17	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/29/16 19:17	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 19:17	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/29/16 19:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/29/16 19:17	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 19:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/29/16 19:17	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/29/16 19:17	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/29/16 19:17	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/29/16 19:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/29/16 19:17	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/29/16 19:17	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/29/16 19:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/29/16 19:17	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/29/16 19:17	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/29/16 19:17	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/29/16 19:17	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/29/16 19:17	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/29/16 19:17	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/29/16 19:17	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/29/16 19:17	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/29/16 19:17	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/29/16 19:17	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/29/16 19:17	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/29/16 19:17	1
Styrene	0.98	U	2.0	0.98	ug/L			08/29/16 19:17	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/29/16 19:17	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-63
Date Collected: 08/17/16 09:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/29/16 19:17	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/29/16 19:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/29/16 19:17	1
Toluene	0.51	U	1.0	0.51	ug/L			08/29/16 19:17	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 19:17	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/29/16 19:17	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/29/16 19:17	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 19:17	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 19:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 19:17	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/29/16 19:17	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 19:17	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/29/16 19:17	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/29/16 19:17	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/29/16 19:17	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/29/16 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/29/16 19:17*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*08/29/16 19:17*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/29/16 19:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.4**		2.0	1.0	ug/L			08/26/16 18:08	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-65
Date Collected: 08/17/16 09:55
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/29/16 19:36	1
Benzene	0.50	U	1.0	0.50	ug/L			08/29/16 19:36	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 19:36	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/29/16 19:36	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/29/16 19:36	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/29/16 19:36	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/29/16 19:36	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/29/16 19:36	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/29/16 19:36	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/29/16 19:36	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/29/16 19:36	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			08/29/16 19:36	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/29/16 19:36	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/29/16 19:36	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/29/16 19:36	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/29/16 19:36	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/29/16 19:36	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/29/16 19:36	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/29/16 19:36	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/29/16 19:36	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/29/16 19:36	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/29/16 19:36	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/29/16 19:36	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/29/16 19:36	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 19:36	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/29/16 19:36	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/29/16 19:36	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 19:36	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/29/16 19:36	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/29/16 19:36	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/29/16 19:36	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/29/16 19:36	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/29/16 19:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/29/16 19:36	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/29/16 19:36	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/29/16 19:36	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/29/16 19:36	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/29/16 19:36	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/29/16 19:36	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/29/16 19:36	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/29/16 19:36	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/29/16 19:36	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/29/16 19:36	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/29/16 19:36	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/29/16 19:36	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/29/16 19:36	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/29/16 19:36	1
Styrene	0.98	U	2.0	0.98	ug/L			08/29/16 19:36	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/29/16 19:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-65
Date Collected: 08/17/16 09:55
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/29/16 19:36	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/29/16 19:36	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/29/16 19:36	1
Toluene	0.51	U	1.0	0.51	ug/L			08/29/16 19:36	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 19:36	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/29/16 19:36	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/29/16 19:36	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 19:36	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 19:36	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 19:36	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/29/16 19:36	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 19:36	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/29/16 19:36	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/29/16 19:36	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/29/16 19:36	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/29/16 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/29/16 19:36*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/29/16 19:36*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/29/16 19:36*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/26/16 18:27	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-65 (DUP)
Date Collected: 08/17/16 09:59
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 10:12	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 10:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 10:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 10:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 10:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 10:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 10:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 10:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 10:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 10:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 10:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 10:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 10:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 10:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 10:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 10:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 10:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 10:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 10:12	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 10:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 10:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 10:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:12	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 10:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 10:12	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 10:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 10:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 10:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 10:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 10:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 10:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 10:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 10:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 10:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 10:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 10:12	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 10:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 10:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 10:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 10:12	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 10:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 10:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 10:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 10:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 10:12	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 10:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 10:12	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-65 (DUP)
Date Collected: 08/17/16 09:59
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 10:12	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 10:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 10:12	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 10:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 10:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 10:12	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 10:12	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 10:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 10:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 10:12	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 10:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 10:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 10:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 10:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 10:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*08/30/16 10:12*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/30/16 10:12*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/30/16 10:12*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/26/16 19:40	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-69
Date Collected: 08/17/16 13:42
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 10:31	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 10:31	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 10:31	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 10:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:31	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 10:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 10:31	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 10:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 10:31	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 10:31	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 10:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 10:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 10:31	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 10:31	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 10:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 10:31	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 10:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 10:31	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 10:31	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 10:31	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 10:31	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 10:31	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 10:31	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:31	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 10:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 10:31	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 10:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 10:31	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 10:31	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 10:31	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 10:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 10:31	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 10:31	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 10:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 10:31	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 10:31	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 10:31	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 10:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 10:31	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 10:31	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 10:31	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 10:31	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 10:31	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 10:31	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 10:31	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 10:31	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 10:31	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 10:31	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-69
Date Collected: 08/17/16 13:42
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 10:31	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 10:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 10:31	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 10:31	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 10:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 10:31	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 10:31	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 10:31	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 10:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 10:31	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 10:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:31	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 10:31	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 10:31	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 10:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*70 - 130*		*08/30/16 10:31*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/30/16 10:31*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*08/30/16 10:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.4**	**I**	2.0	1.0	ug/L			08/26/16 19:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-79
Date Collected: 08/17/16 13:15
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 10:50	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 10:50	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 10:50	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 10:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:50	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 10:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 10:50	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 10:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 10:50	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 10:50	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 10:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 10:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 10:50	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 10:50	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 10:50	1
cis-1,2-Dichloroethene	**9.8**		1.0	0.65	ug/L			08/30/16 10:50	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 10:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 10:50	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 10:50	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 10:50	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 10:50	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 10:50	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 10:50	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:50	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 10:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 10:50	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 10:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 10:50	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 10:50	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 10:50	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 10:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 10:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 10:50	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 10:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 10:50	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 10:50	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 10:50	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 10:50	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 10:50	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 10:50	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 10:50	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 10:50	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 10:50	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 10:50	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 10:50	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 10:50	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 10:50	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 10:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-79
Date Collected: 08/17/16 13:15
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 10:50	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 10:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 10:50	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 10:50	1
trans-1,2-Dichloroethene	**5.5**		1.0	0.67	ug/L			08/30/16 10:50	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 10:50	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 10:50	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 10:50	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 10:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 10:50	1
Trichloroethene	**3.8**		1.0	0.61	ug/L			08/30/16 10:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:50	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 10:50	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 10:50	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 10:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*08/30/16 10:50*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/30/16 10:50*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*		*08/30/16 10:50*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.6**		2.0	1.0	ug/L			08/26/16 20:17	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-89
Date Collected: 08/17/16 13:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 11:08	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 11:08	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 11:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 11:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 11:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 11:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 11:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 11:08	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 11:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 11:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 11:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 11:08	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 11:08	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 11:08	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 11:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 11:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 11:08	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 11:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 11:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 11:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 11:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 11:08	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:08	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 11:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 11:08	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 11:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 11:08	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 11:08	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 11:08	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 11:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 11:08	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 11:08	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 11:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 11:08	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 11:08	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 11:08	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 11:08	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 11:08	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 11:08	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 11:08	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 11:08	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 11:08	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 11:08	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 11:08	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 11:08	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 11:08	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 11:08	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-89
Date Collected: 08/17/16 13:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 11:08	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 11:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 11:08	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 11:08	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 11:08	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 11:08	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 11:08	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 11:08	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 11:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 11:08	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 11:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:08	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 11:08	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 11:08	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 11:08	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*08/30/16 11:08*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/30/16 11:08*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*08/30/16 11:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.4**		2.0	1.0	ug/L			08/26/16 20:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-90
Date Collected: 08/17/16 10:40
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 11:27	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 11:27	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 11:27	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 11:27	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:27	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 11:27	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 11:27	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 11:27	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 11:27	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 11:27	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 11:27	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:27	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 11:27	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 11:27	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 11:27	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 11:27	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 11:27	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 11:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 11:27	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 11:27	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 11:27	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 11:27	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 11:27	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 11:27	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:27	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 11:27	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 11:27	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 11:27	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 11:27	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 11:27	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 11:27	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 11:27	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 11:27	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 11:27	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 11:27	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 11:27	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 11:27	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 11:27	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 11:27	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 11:27	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 11:27	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 11:27	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 11:27	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 11:27	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 11:27	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 11:27	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 11:27	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 11:27	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 11:27	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-90
Date Collected: 08/17/16 10:40
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 11:27	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 11:27	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 11:27	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 11:27	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 11:27	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 11:27	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 11:27	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 11:27	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 11:27	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 11:27	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 11:27	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:27	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 11:27	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 11:27	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 11:27	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*08/30/16 11:27*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/30/16 11:27*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*08/30/16 11:27*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/26/16 20:54	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-91
Date Collected: 08/17/16 08:35
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 11:45	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 11:45	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 11:45	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 11:45	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:45	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 11:45	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 11:45	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 11:45	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 11:45	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 11:45	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 11:45	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:45	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 11:45	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 11:45	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 11:45	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 11:45	1
cis-1,2-Dichloroethene	**6.1**		1.0	0.65	ug/L			08/30/16 11:45	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 11:45	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 11:45	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 11:45	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 11:45	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 11:45	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 11:45	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 11:45	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:45	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 11:45	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 11:45	1
1,1-Dichloroethene	**1.3**		1.0	0.67	ug/L			08/30/16 11:45	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 11:45	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 11:45	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 11:45	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 11:45	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 11:45	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 11:45	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 11:45	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 11:45	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 11:45	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 11:45	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 11:45	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 11:45	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 11:45	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 11:45	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 11:45	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 11:45	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 11:45	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 11:45	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 11:45	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 11:45	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 11:45	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-91
Date Collected: 08/17/16 08:35
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 11:45	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 11:45	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 11:45	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 11:45	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 11:45	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 11:45	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 11:45	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 11:45	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 11:45	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 11:45	1
Trichloroethene	**12**		1.0	0.61	ug/L			08/30/16 11:45	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:45	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 11:45	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 11:45	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 11:45	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*08/30/16 11:45*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/30/16 11:45*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*08/30/16 11:45*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**40**		2.0	1.0	ug/L			08/29/16 11:39	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-92
Date Collected: 08/17/16 08:45
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 12:04	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 12:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 12:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 12:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:04	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 12:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 12:04	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 12:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 12:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 12:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 12:04	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 12:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 12:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 12:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 12:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 12:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 12:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 12:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 12:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 12:04	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 12:04	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 12:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 12:04	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:04	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 12:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 12:04	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 12:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 12:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 12:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 12:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 12:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 12:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 12:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 12:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 12:04	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 12:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 12:04	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 12:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 12:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 12:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 12:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 12:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 12:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 12:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 12:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 12:04	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 12:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 12:04	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-92
Date Collected: 08/17/16 08:45
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 12:04	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 12:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 12:04	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 12:04	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 12:04	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 12:04	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 12:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 12:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 12:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 12:04	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 12:04	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 12:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 12:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 12:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*08/30/16 12:04*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*08/30/16 12:04*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*08/30/16 12:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 11:57	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-101
Date Collected: 08/18/16 09:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 12:22	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 12:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 12:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 12:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 12:22	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 12:22	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 12:22	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 12:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 12:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 12:22	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 12:22	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 12:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 12:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 12:22	1
cis-1,2-Dichloroethene	**1.9**		1.0	0.65	ug/L			08/30/16 12:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 12:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 12:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 12:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 12:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 12:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 12:22	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 12:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:22	1
1,1-Dichloroethane	**21**		1.0	0.52	ug/L			08/30/16 12:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 12:22	1
1,1-Dichloroethene	**2.6**		1.0	0.67	ug/L			08/30/16 12:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 12:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 12:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 12:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 12:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 12:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 12:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 12:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 12:22	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 12:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 12:22	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 12:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 12:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 12:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 12:22	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 12:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 12:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 12:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 12:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 12:22	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 12:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 12:22	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-101
Date Collected: 08/18/16 09:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 12:22	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 12:22	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 12:22	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 12:22	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 12:22	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 12:22	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 12:22	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 12:22	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 12:22	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 12:22	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 12:22	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:22	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 12:22	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 12:22	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 12:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*08/30/16 12:22*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*08/30/16 12:22*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*08/30/16 12:22*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**120**		10	5.0	ug/L			08/30/16 17:31	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-102
Date Collected: 08/17/16 14:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 12:41	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 12:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 12:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 12:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 12:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 12:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 12:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 12:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 12:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 12:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 12:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 12:41	1
2-Chlorotoluene	0.65	U J3	1.0	0.65	ug/L			08/30/16 12:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 12:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 12:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 12:41	1
1,2-Dibromo-3-Chloropropane	2.5	U J3	5.0	2.5	ug/L			08/30/16 12:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 12:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 12:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 12:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 12:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 12:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:41	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 12:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 12:41	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 12:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 12:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 12:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 12:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 12:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 12:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 12:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 12:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 12:41	1
Isopropylbenzene	0.52	U J3	1.0	0.52	ug/L			08/30/16 12:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 12:41	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 12:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 12:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 12:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 12:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 12:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 12:41	1
N-Propylbenzene	0.59	U J3	1.0	0.59	ug/L			08/30/16 12:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 12:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 12:41	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 12:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 12:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-102
Date Collected: 08/17/16 14:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 12:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 12:41	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 12:41	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 12:41	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 12:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 12:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 12:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 12:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 12:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 12:41	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 12:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:41	1
1,2,3-Trichloropropane	0.44	U J3	1.0	0.44	ug/L			08/30/16 12:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 12:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 12:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*70 - 130*		*08/30/16 12:41*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/30/16 12:41*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*08/30/16 12:41*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 12:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-102 (DUP)
Date Collected: 08/17/16 14:34
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 13:55	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 13:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 13:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 13:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 13:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 13:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 13:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 13:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 13:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 13:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 13:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 13:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 13:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 13:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 13:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 13:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 13:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 13:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 13:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 13:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 13:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 13:55	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 13:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 13:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 13:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 13:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 13:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 13:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 13:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 13:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 13:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 13:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 13:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 13:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 13:55	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 13:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 13:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 13:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 13:55	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 13:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 13:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 13:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 13:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 13:55	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 13:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 13:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-102 (DUP)
Date Collected: 08/17/16 14:34
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 13:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 13:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 13:55	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 13:55	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 13:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 13:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 13:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 13:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 13:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 13:55	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 13:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 13:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 13:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 13:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*70 - 130*		*08/30/16 13:55*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/30/16 13:55*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*		*08/30/16 13:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 13:51	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-103
Date Collected: 08/17/16 15:05
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 14:14	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 14:14	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 14:14	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 14:14	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:14	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 14:14	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 14:14	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 14:14	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 14:14	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 14:14	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 14:14	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:14	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 14:14	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 14:14	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 14:14	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 14:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 14:14	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 14:14	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 14:14	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 14:14	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 14:14	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 14:14	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 14:14	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 14:14	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:14	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 14:14	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 14:14	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 14:14	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 14:14	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 14:14	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 14:14	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 14:14	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 14:14	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 14:14	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 14:14	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 14:14	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 14:14	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 14:14	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 14:14	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 14:14	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 14:14	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 14:14	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 14:14	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 14:14	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 14:14	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 14:14	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 14:14	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 14:14	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 14:14	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-103
Date Collected: 08/17/16 15:05
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 14:14	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 14:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 14:14	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 14:14	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 14:14	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 14:14	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 14:14	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 14:14	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 14:14	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 14:14	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 14:14	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:14	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 14:14	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 14:14	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 14:14	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*08/30/16 14:14*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/30/16 14:14*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*08/30/16 14:14*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 14:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-106
Date Collected: 08/18/16 07:40
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 14:32	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 14:32	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 14:32	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 14:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:32	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 14:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 14:32	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 14:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 14:32	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 14:32	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 14:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 14:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 14:32	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 14:32	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 14:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 14:32	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 14:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 14:32	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 14:32	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 14:32	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 14:32	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 14:32	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 14:32	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 14:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 14:32	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 14:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 14:32	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 14:32	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 14:32	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 14:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 14:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 14:32	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 14:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 14:32	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 14:32	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 14:32	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 14:32	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 14:32	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 14:32	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 14:32	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 14:32	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 14:32	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 14:32	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 14:32	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 14:32	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 14:32	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 14:32	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-106
Date Collected: 08/18/16 07:40
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 14:32	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 14:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 14:32	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 14:32	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 14:32	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 14:32	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 14:32	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 14:32	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 14:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 14:32	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 14:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:32	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 14:32	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 14:32	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 14:32	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*117*		*70 - 130*		*08/30/16 14:32*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/30/16 14:32*	*1*
Toluene-d8 (Surr)	*114*		*70 - 130*		*08/30/16 14:32*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 14:32	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-108
Date Collected: 08/18/16 09:05
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 14:51	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 14:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 14:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 14:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:51	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 14:51	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 14:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 14:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 14:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 14:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 14:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 14:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 14:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 14:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 14:51	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 14:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 14:51	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 14:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 14:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 14:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 14:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 14:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 14:51	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:51	1
1,1-Dichloroethane	**0.72**	**I**	1.0	0.52	ug/L			08/30/16 14:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 14:51	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 14:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 14:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 14:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 14:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 14:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 14:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 14:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 14:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 14:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 14:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 14:51	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 14:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 14:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 14:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 14:51	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 14:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 14:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 14:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 14:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 14:51	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 14:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 14:51	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-108
Date Collected: 08/18/16 09:05
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 14:51	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 14:51	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 14:51	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 14:51	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 14:51	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 14:51	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 14:51	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 14:51	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 14:51	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 14:51	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 14:51	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:51	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 14:51	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 14:51	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 14:51	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*08/30/16 14:51*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/30/16 14:51*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*08/30/16 14:51*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**8.7**		2.0	1.0	ug/L			08/29/16 14:58	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-109
Date Collected: 08/18/16 14:15
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 15:09	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 15:09	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 15:09	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 15:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 15:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 15:09	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 15:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 15:09	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 15:09	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 15:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 15:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 15:09	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 15:09	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 15:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 15:09	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 15:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 15:09	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 15:09	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 15:09	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 15:09	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 15:09	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 15:09	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:09	1
1,1-Dichloroethane	**0.83**	**I**	1.0	0.52	ug/L			08/30/16 15:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 15:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 15:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 15:09	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 15:09	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 15:09	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 15:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 15:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 15:09	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 15:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 15:09	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 15:09	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 15:09	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 15:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 15:09	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 15:09	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 15:09	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 15:09	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 15:09	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 15:09	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 15:09	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 15:09	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 15:09	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 15:09	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-109
Date Collected: 08/18/16 14:15
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 15:09	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 15:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 15:09	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 15:09	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 15:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 15:09	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 15:09	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 15:09	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 15:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 15:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 15:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:09	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 15:09	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 15:09	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 15:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*117*		*70 - 130*		*08/30/16 15:09*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/30/16 15:09*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*08/30/16 15:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**14**		2.0	1.0	ug/L			08/29/16 15:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-116
Date Collected: 08/18/16 08:06
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 15:28	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 15:28	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 15:28	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 15:28	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:28	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 15:28	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 15:28	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 15:28	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 15:28	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 15:28	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 15:28	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:28	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 15:28	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 15:28	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 15:28	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 15:28	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 15:28	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 15:28	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 15:28	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 15:28	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 15:28	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 15:28	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 15:28	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 15:28	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:28	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 15:28	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 15:28	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 15:28	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 15:28	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 15:28	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 15:28	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 15:28	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 15:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 15:28	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 15:28	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 15:28	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 15:28	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 15:28	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 15:28	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 15:28	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 15:28	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 15:28	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 15:28	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 15:28	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 15:28	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 15:28	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 15:28	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 15:28	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 15:28	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-116
Date Collected: 08/18/16 08:06
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 15:28	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 15:28	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 15:28	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 15:28	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 15:28	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 15:28	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 15:28	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 15:28	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 15:28	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 15:28	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 15:28	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:28	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 15:28	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 15:28	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 15:28	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*70 - 130*		*08/30/16 15:28*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*08/30/16 15:28*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*08/30/16 15:28*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 15:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-124
Date Collected: 08/19/16 07:42
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 15:46	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 15:46	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 15:46	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 15:46	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:46	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 15:46	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 15:46	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 15:46	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 15:46	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 15:46	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 15:46	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:46	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 15:46	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 15:46	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 15:46	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 15:46	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 15:46	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 15:46	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 15:46	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 15:46	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 15:46	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 15:46	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 15:46	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 15:46	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:46	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 15:46	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 15:46	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 15:46	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 15:46	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 15:46	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 15:46	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 15:46	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 15:46	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 15:46	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 15:46	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 15:46	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 15:46	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 15:46	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 15:46	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 15:46	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 15:46	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 15:46	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 15:46	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 15:46	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 15:46	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 15:46	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 15:46	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 15:46	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 15:46	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-124
Date Collected: 08/19/16 07:42
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 15:46	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 15:46	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 15:46	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 15:46	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 15:46	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 15:46	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 15:46	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 15:46	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 15:46	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 15:46	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 15:46	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:46	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 15:46	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 15:46	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 15:46	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*70 - 130*		*08/30/16 15:46*	*1*
Dibromofluoromethane	*97*		*70 - 130*		*08/30/16 15:46*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*08/30/16 15:46*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 15:53	1

Client Sample ID: MW-126
Date Collected: 08/17/16 14:45
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 16:05	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 16:05	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 16:05	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 16:05	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 16:05	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 16:05	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 16:05	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 16:05	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 16:05	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 16:05	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 16:05	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 16:05	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 16:05	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 16:05	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 16:05	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 16:05	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 16:05	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 16:05	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 16:05	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 16:05	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 16:05	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 16:05	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 16:05	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 16:05	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 16:05	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 16:05	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 16:05	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 16:05	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 16:05	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 16:05	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 16:05	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 16:05	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 16:05	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 16:05	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 16:05	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 16:05	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 16:05	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 16:05	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 16:05	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 16:05	1
Methyl tert-butyl ether	**1.7**		1.0	0.44	ug/L			08/30/16 16:05	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 16:05	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 16:05	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 16:05	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 16:05	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 16:05	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 16:05	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 16:05	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 16:05	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-126
Date Collected: 08/17/16 14:45
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 16:05	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 16:05	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 16:05	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 16:05	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 16:05	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 16:05	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 16:05	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 16:05	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 16:05	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 16:05	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 16:05	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 16:05	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 16:05	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 16:05	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 16:05	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*08/30/16 16:05*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/30/16 16:05*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*08/30/16 16:05*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 16:14	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-131
Date Collected: 08/17/16 10:23
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 16:23	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 16:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 16:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 16:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 16:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 16:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 16:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 16:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 16:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 16:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 16:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 16:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 16:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 16:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 16:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 16:23	1
cis-1,2-Dichloroethene	**18**		1.0	0.65	ug/L			08/30/16 16:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 16:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 16:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 16:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 16:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 16:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 16:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 16:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 16:23	1
1,1-Dichloroethane	**1.2**		1.0	0.52	ug/L			08/30/16 16:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 16:23	1
1,1-Dichloroethene	**1.7**		1.0	0.67	ug/L			08/30/16 16:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 16:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 16:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 16:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 16:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 16:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 16:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 16:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 16:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 16:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 16:23	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 16:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 16:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 16:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 16:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 16:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 16:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 16:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 16:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 16:23	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 16:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 16:23	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-131
Date Collected: 08/17/16 10:23
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 16:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 16:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 16:23	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 16:23	1
trans-1,2-Dichloroethene	**37**		1.0	0.67	ug/L			08/30/16 16:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 16:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 16:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 16:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 16:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 16:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 16:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 16:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 16:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 16:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 16:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*70 - 130*		*08/30/16 16:23*	*1*
Dibromofluoromethane	*92*		*70 - 130*		*08/30/16 16:23*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/30/16 16:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**32**		2.0	1.0	ug/L			08/29/16 16:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-132
Date Collected: 08/17/16 14:00
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 16:42	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 16:42	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 16:42	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 16:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 16:42	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 16:42	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 16:42	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 16:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 16:42	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 16:42	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 16:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 16:42	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 16:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 16:42	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 16:42	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 16:42	1
cis-1,2-Dichloroethene	**13**		1.0	0.65	ug/L			08/30/16 16:42	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 16:42	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 16:42	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 16:42	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 16:42	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 16:42	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 16:42	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 16:42	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 16:42	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 16:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 16:42	1
1,1-Dichloroethene	**0.84**	**I**	1.0	0.67	ug/L			08/30/16 16:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 16:42	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 16:42	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 16:42	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 16:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 16:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 16:42	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 16:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 16:42	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 16:42	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 16:42	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 16:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 16:42	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 16:42	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 16:42	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 16:42	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 16:42	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 16:42	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 16:42	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 16:42	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 16:42	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 16:42	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-132
Date Collected: 08/17/16 14:00
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 16:42	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 16:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 16:42	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 16:42	1
trans-1,2-Dichloroethene	**8.1**		1.0	0.67	ug/L			08/30/16 16:42	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 16:42	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 16:42	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 16:42	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 16:42	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 16:42	1
Trichloroethene	**24**		1.0	0.61	ug/L			08/30/16 16:42	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 16:42	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 16:42	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 16:42	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 16:42	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*70 - 130*		*08/30/16 16:42*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*08/30/16 16:42*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*08/30/16 16:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**9.3**		2.0	1.0	ug/L			08/29/16 16:54	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-133
Date Collected: 08/17/16 09:13
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 17:00	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 17:00	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 17:00	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 17:00	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 17:00	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 17:00	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 17:00	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 17:00	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 17:00	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 17:00	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 17:00	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 17:00	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 17:00	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 17:00	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 17:00	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 17:00	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 17:00	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 17:00	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 17:00	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 17:00	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 17:00	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 17:00	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 17:00	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 17:00	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 17:00	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 17:00	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 17:00	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 17:00	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 17:00	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 17:00	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 17:00	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 17:00	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 17:00	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 17:00	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 17:00	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 17:00	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 17:00	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 17:00	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 17:00	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 17:00	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 17:00	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 17:00	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 17:00	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 17:00	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 17:00	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 17:00	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 17:00	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 17:00	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 17:00	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-133
Date Collected: 08/17/16 09:13
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 17:00	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 17:00	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 17:00	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 17:00	1
trans-1,2-Dichloroethene	**0.75**	**I**	1.0	0.67	ug/L			08/30/16 17:00	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 17:00	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 17:00	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 17:00	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 17:00	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 17:00	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 17:00	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 17:00	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 17:00	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 17:00	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 17:00	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*08/30/16 17:00*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/30/16 17:00*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/30/16 17:00*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**13**		2.0	1.0	ug/L			08/29/16 17:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-168
Date Collected: 08/18/16 12:57
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 11:35	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 11:35	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 11:35	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 11:35	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:35	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 11:35	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 11:35	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 11:35	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 11:35	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 11:35	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 11:35	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:35	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 11:35	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 11:35	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 11:35	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 11:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 11:35	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 11:35	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 11:35	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 11:35	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 11:35	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 11:35	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 11:35	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 11:35	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:35	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 11:35	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 11:35	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 11:35	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 11:35	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 11:35	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 11:35	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 11:35	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 11:35	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 11:35	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 11:35	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 11:35	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 11:35	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 11:35	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 11:35	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 11:35	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 11:35	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 11:35	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 11:35	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 11:35	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 11:35	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 11:35	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 11:35	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 11:35	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 11:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-168
Date Collected: 08/18/16 12:57
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 11:35	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 11:35	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 11:35	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 11:35	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 11:35	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 11:35	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 11:35	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 11:35	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 11:35	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 11:35	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 11:35	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:35	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 11:35	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 11:35	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 11:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/30/16 11:35*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/30/16 11:35*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/30/16 11:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 17:31	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-169
Date Collected: 08/19/16 06:54
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 12:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 12:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 12:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 12:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 12:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 12:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 12:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 12:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 12:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 12:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 12:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 12:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 12:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 12:13	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 12:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 12:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 12:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 12:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 12:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 12:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 12:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 12:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:13	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 12:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 12:13	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 12:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 12:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 12:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 12:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 12:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 12:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 12:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 12:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 12:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 12:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 12:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 12:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 12:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 12:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 12:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 12:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 12:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 12:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 12:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 12:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 12:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 12:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-169
Date Collected: 08/19/16 06:54
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 12:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 12:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 12:13	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 12:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 12:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 12:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 12:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 12:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 12:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 12:13	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 12:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 12:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 12:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 12:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 12:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/30/16 12:13*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/30/16 12:13*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/30/16 12:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 17:49	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-178
Date Collected: 08/18/16 08:35
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 13:10	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 13:10	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 13:10	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 13:10	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:10	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 13:10	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 13:10	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 13:10	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 13:10	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 13:10	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 13:10	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:10	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 13:10	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 13:10	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 13:10	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 13:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 13:10	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 13:10	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 13:10	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 13:10	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 13:10	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 13:10	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 13:10	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 13:10	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:10	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 13:10	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 13:10	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 13:10	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 13:10	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 13:10	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 13:10	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 13:10	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 13:10	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 13:10	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 13:10	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 13:10	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 13:10	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 13:10	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 13:10	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 13:10	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 13:10	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 13:10	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 13:10	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 13:10	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 13:10	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 13:10	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 13:10	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 13:10	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 13:10	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-178
Date Collected: 08/18/16 08:35
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 13:10	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 13:10	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 13:10	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 13:10	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 13:10	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 13:10	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 13:10	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 13:10	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 13:10	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 13:10	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 13:10	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:10	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 13:10	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 13:10	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 13:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/30/16 13:10*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/30/16 13:10*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/30/16 13:10*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 18:08	1

Client Sample ID: MW-219
Date Collected: 08/18/16 12:27
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 13:29	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 13:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 13:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 13:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:29	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 13:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 13:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 13:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 13:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 13:29	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 13:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 13:29	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 13:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 13:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 13:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 13:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 13:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 13:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 13:29	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 13:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 13:29	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 13:29	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 13:29	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:29	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 13:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 13:29	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 13:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 13:29	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 13:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 13:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 13:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 13:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 13:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 13:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 13:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 13:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 13:29	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 13:29	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 13:29	1
Methyl tert-butyl ether	**4.9**		1.0	0.44	ug/L			08/30/16 13:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 13:29	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 13:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 13:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 13:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 13:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 13:29	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 13:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 13:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-219
Date Collected: 08/18/16 12:27
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 13:29	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 13:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 13:29	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 13:29	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 13:29	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 13:29	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 13:29	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 13:29	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 13:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 13:29	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 13:29	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:29	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 13:29	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 13:29	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 13:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/30/16 13:29*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/30/16 13:29*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/30/16 13:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 18:26	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-220
Date Collected: 08/18/16 11:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 13:48	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 13:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 13:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 13:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 13:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 13:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 13:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 13:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 13:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 13:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 13:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 13:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 13:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 13:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 13:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 13:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 13:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 13:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 13:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 13:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 13:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 13:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 13:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 13:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 13:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 13:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 13:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 13:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 13:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 13:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 13:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 13:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 13:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 13:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 13:48	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 13:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 13:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 13:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 13:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 13:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 13:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 13:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 13:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 13:48	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 13:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 13:48	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-220
Date Collected: 08/18/16 11:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 13:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 13:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 13:48	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 13:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 13:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 13:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 13:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 13:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 13:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 13:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 13:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 13:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 13:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 13:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 13:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/30/16 13:48*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/30/16 13:48*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/30/16 13:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 18:45	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-221
Date Collected: 08/18/16 10:50
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 14:07	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 14:07	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 14:07	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 14:07	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:07	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 14:07	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 14:07	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 14:07	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 14:07	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 14:07	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 14:07	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:07	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 14:07	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 14:07	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 14:07	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 14:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 14:07	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 14:07	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 14:07	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 14:07	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 14:07	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 14:07	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 14:07	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 14:07	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:07	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 14:07	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 14:07	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 14:07	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 14:07	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 14:07	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 14:07	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 14:07	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 14:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 14:07	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 14:07	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 14:07	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 14:07	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 14:07	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 14:07	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 14:07	1
Methyl tert-butyl ether	**2.2**		1.0	0.44	ug/L			08/30/16 14:07	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 14:07	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 14:07	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 14:07	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 14:07	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 14:07	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 14:07	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 14:07	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 14:07	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-221
Date Collected: 08/18/16 10:50
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 14:07	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 14:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 14:07	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 14:07	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 14:07	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 14:07	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 14:07	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 14:07	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 14:07	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 14:07	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 14:07	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:07	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 14:07	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 14:07	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 14:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/30/16 14:07*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/30/16 14:07*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/30/16 14:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/30/16 11:45	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-232
Date Collected: 08/18/16 13:43
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 14:26	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 14:26	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 14:26	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 14:26	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:26	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 14:26	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 14:26	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 14:26	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 14:26	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 14:26	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 14:26	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:26	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 14:26	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 14:26	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 14:26	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 14:26	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 14:26	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 14:26	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 14:26	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 14:26	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 14:26	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 14:26	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 14:26	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 14:26	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:26	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 14:26	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 14:26	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 14:26	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 14:26	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 14:26	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 14:26	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 14:26	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 14:26	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 14:26	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 14:26	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 14:26	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 14:26	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 14:26	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 14:26	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 14:26	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 14:26	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 14:26	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 14:26	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 14:26	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 14:26	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 14:26	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 14:26	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 14:26	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 14:26	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-232
Date Collected: 08/18/16 13:43
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 14:26	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 14:26	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 14:26	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 14:26	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 14:26	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 14:26	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 14:26	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 14:26	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 14:26	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 14:26	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 14:26	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:26	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 14:26	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 14:26	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 14:26	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/30/16 14:26*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/30/16 14:26*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/30/16 14:26*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.2**		2.0	1.0	ug/L			08/30/16 12:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-239
Date Collected: 08/17/16 11:23
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-37
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 14:45	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 14:45	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 14:45	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 14:45	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:45	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 14:45	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 14:45	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 14:45	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 14:45	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 14:45	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 14:45	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:45	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 14:45	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 14:45	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 14:45	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 14:45	1
cis-1,2-Dichloroethene	**1.0**		1.0	0.65	ug/L			08/30/16 14:45	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 14:45	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 14:45	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 14:45	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 14:45	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 14:45	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 14:45	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 14:45	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:45	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 14:45	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 14:45	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 14:45	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 14:45	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 14:45	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 14:45	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 14:45	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 14:45	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 14:45	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 14:45	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 14:45	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 14:45	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 14:45	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 14:45	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 14:45	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 14:45	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 14:45	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 14:45	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 14:45	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 14:45	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 14:45	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 14:45	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 14:45	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 14:45	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-239
Date Collected: 08/17/16 11:23
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-37
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 14:45	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 14:45	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 14:45	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 14:45	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 14:45	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 14:45	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 14:45	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 14:45	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 14:45	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 14:45	1
Trichloroethene	**1.1**		1.0	0.61	ug/L			08/30/16 14:45	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 14:45	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 14:45	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 14:45	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 14:45	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/30/16 14:45*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/30/16 14:45*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*08/30/16 14:45*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.8**		2.0	1.0	ug/L			08/30/16 13:17	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-242
Date Collected: 08/19/16 07:35
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 15:04	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 15:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 15:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 15:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:04	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 15:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 15:04	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 15:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 15:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 15:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 15:04	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 15:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 15:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 15:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 15:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 15:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 15:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 15:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 15:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 15:04	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 15:04	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 15:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 15:04	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:04	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 15:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 15:04	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 15:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 15:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 15:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 15:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 15:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 15:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 15:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 15:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 15:04	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 15:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 15:04	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 15:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 15:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 15:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 15:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 15:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 15:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 15:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 15:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 15:04	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 15:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 15:04	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-242
Date Collected: 08/19/16 07:35
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 15:04	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 15:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 15:04	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 15:04	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 15:04	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 15:04	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 15:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 15:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 15:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 15:04	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 15:04	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 15:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 15:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 15:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/30/16 15:04*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/30/16 15:04*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*08/30/16 15:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/30/16 13:40	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-243
Date Collected: 08/19/16 07:05
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 15:23	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 15:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 15:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 15:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 15:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 15:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 15:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 15:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 15:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 15:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 15:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 15:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 15:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 15:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 15:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 15:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 15:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 15:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 15:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 15:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 15:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 15:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:23	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 15:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 15:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 15:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 15:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 15:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 15:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 15:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 15:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 15:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 15:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 15:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 15:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 15:23	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 15:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 15:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 15:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 15:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 15:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 15:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 15:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 15:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 15:23	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 15:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 15:23	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-243
Date Collected: 08/19/16 07:05
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 15:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 15:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 15:23	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 15:23	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 15:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 15:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 15:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 15:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 15:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 15:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 15:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 15:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 15:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 15:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 15:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/30/16 15:23*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/30/16 15:23*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/30/16 15:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/30/16 13:58	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK -36
Date Collected: 08/17/16 09:32
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 11:17	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 11:17	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 11:17	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 11:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:17	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 11:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 11:17	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 11:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 11:17	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 11:17	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 11:17	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:17	1
Chloroform	**4.3**		1.0	0.90	ug/L			08/30/16 11:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 11:17	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 11:17	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 11:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 11:17	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 11:17	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 11:17	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 11:17	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 11:17	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 11:17	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 11:17	1
Dichlorobromomethane	**2.7**		1.0	0.44	ug/L			08/30/16 11:17	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:17	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 11:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 11:17	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 11:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 11:17	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 11:17	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 11:17	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 11:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 11:17	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 11:17	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 11:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 11:17	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 11:17	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 11:17	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 11:17	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 11:17	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 11:17	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 11:17	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 11:17	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 11:17	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 11:17	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 11:17	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 11:17	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 11:17	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 11:17	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK -36
Date Collected: 08/17/16 09:32
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 11:17	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 11:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 11:17	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 11:17	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 11:17	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 11:17	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 11:17	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 11:17	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 11:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 11:17	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 11:17	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 11:17	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 11:17	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 11:17	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 11:17	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/30/16 11:17*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/30/16 11:17*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*08/30/16 11:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/30/16 11:27	1

Client Sample ID: BLANK -37
Date Collected: 08/17/16 14:02
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-41
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 10:58	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 10:58	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 10:58	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 10:58	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:58	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 10:58	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 10:58	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 10:58	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 10:58	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 10:58	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 10:58	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:58	1
Chloroform	**4.2**		1.0	0.90	ug/L			08/30/16 10:58	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 10:58	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 10:58	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 10:58	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 10:58	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 10:58	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 10:58	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 10:58	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 10:58	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 10:58	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 10:58	1
Dichlorobromomethane	**2.5**		1.0	0.44	ug/L			08/30/16 10:58	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:58	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 10:58	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 10:58	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 10:58	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 10:58	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 10:58	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 10:58	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 10:58	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 10:58	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 10:58	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 10:58	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 10:58	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 10:58	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 10:58	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 10:58	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 10:58	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 10:58	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 10:58	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 10:58	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 10:58	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 10:58	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 10:58	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 10:58	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 10:58	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 10:58	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK -37
Date Collected: 08/17/16 14:02
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-41
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 10:58	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 10:58	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 10:58	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 10:58	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 10:58	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 10:58	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 10:58	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 10:58	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 10:58	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 10:58	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 10:58	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:58	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 10:58	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 10:58	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 10:58	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/30/16 10:58*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/30/16 10:58*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/30/16 10:58*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/30/16 11:08	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK -38
Date Collected: 08/18/16 09:47
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-42
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 10:39	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 10:39	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 10:39	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 10:39	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:39	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 10:39	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 10:39	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 10:39	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 10:39	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 10:39	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 10:39	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:39	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 10:39	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 10:39	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 10:39	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 10:39	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 10:39	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 10:39	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 10:39	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 10:39	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 10:39	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 10:39	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 10:39	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 10:39	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:39	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 10:39	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 10:39	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 10:39	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 10:39	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 10:39	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 10:39	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 10:39	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 10:39	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 10:39	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 10:39	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 10:39	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 10:39	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 10:39	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 10:39	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 10:39	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 10:39	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 10:39	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 10:39	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 10:39	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 10:39	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 10:39	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 10:39	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 10:39	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 10:39	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK -38
Date Collected: 08/18/16 09:47
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-42
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 10:39	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 10:39	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 10:39	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 10:39	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 10:39	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 10:39	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 10:39	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 10:39	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 10:39	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 10:39	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 10:39	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:39	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 10:39	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 10:39	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 10:39	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 10:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/30/16 10:39*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/30/16 10:39*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/30/16 10:39*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/30/16 10:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: TRIP BLANK 75664
Date Collected: 08/17/16 00:00
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-43
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 10:20	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 10:20	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 10:20	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 10:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:20	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 10:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 10:20	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 10:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 10:20	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 10:20	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 10:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 10:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 10:20	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 10:20	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 10:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 10:20	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 10:20	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 10:20	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 10:20	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 10:20	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 10:20	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 10:20	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 10:20	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:20	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 10:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 10:20	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 10:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 10:20	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 10:20	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 10:20	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 10:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 10:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 10:20	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 10:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 10:20	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 10:20	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 10:20	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 10:20	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 10:20	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 10:20	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 10:20	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 10:20	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 10:20	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 10:20	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 10:20	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 10:20	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 10:20	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 10:20	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: TRIP BLANK 75664
Date Collected: 08/17/16 00:00
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-43
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 10:20	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 10:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 10:20	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 10:20	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 10:20	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 10:20	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 10:20	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 10:20	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 10:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 10:20	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 10:20	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 10:20	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 10:20	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 10:20	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 10:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 10:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/30/16 10:20*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/30/16 10:20*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/30/16 10:20*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/30/16 10:31	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: IWI-1
Date Collected: 08/23/16 10:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	100	50	ug/L			08/31/16 17:58	5
Benzene	2.5	U	5.0	2.5	ug/L			08/31/16 17:58	5
Bromobenzene	2.9	U	5.0	2.9	ug/L			08/31/16 17:58	5
Bromoform	3.2	U	5.0	3.2	ug/L			08/31/16 17:58	5
Bromomethane	13	U	25	13	ug/L			08/31/16 17:58	5
2-Butanone (MEK)	42	U	50	42	ug/L			08/31/16 17:58	5
Carbon disulfide	5.0	U	10	5.0	ug/L			08/31/16 17:58	5
Carbon tetrachloride	2.2	U	5.0	2.2	ug/L			08/31/16 17:58	5
Chlorobenzene	3.2	U	5.0	3.2	ug/L			08/31/16 17:58	5
Chlorobromomethane	2.9	U	5.0	2.9	ug/L			08/31/16 17:58	5
Chlorodibromomethane	1.6	U	5.0	1.6	ug/L			08/31/16 17:58	5
Chloroethane	13	U	25	13	ug/L			08/31/16 17:58	5
Chloroform	4.5	U	5.0	4.5	ug/L			08/31/16 17:58	5
Chloromethane	5.0	U	20	5.0	ug/L			08/31/16 17:58	5
2-Chlorotoluene	3.3	U	5.0	3.3	ug/L			08/31/16 17:58	5
4-Chlorotoluene	2.6	U	5.0	2.6	ug/L			08/31/16 17:58	5
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/L			08/31/16 17:58	5
1,2-Dibromo-3-Chloropropane	13	U	25	13	ug/L			08/31/16 17:58	5
Dibromomethane	2.3	U	5.0	2.3	ug/L			08/31/16 17:58	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			08/31/16 17:58	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			08/31/16 17:58	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			08/31/16 17:58	5
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			08/31/16 17:58	5
Dichlorodifluoromethane	13	U	25	13	ug/L			08/31/16 17:58	5
1,1-Dichloroethane	**33**		5.0	2.6	ug/L			08/31/16 17:58	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			08/31/16 17:58	5
1,1-Dichloroethene	**150**		5.0	3.4	ug/L			08/31/16 17:58	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			08/31/16 17:58	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			08/31/16 17:58	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			08/31/16 17:58	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			08/31/16 17:58	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			08/31/16 17:58	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			08/31/16 17:58	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			08/31/16 17:58	5
2-Hexanone	22	U	50	22	ug/L			08/31/16 17:58	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			08/31/16 17:58	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			08/31/16 17:58	5
Methylene Chloride	25	U	50	25	ug/L			08/31/16 17:58	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			08/31/16 17:58	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			08/31/16 17:58	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			08/31/16 17:58	5
Naphthalene	13	U	25	13	ug/L			08/31/16 17:58	5
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			08/31/16 17:58	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			08/31/16 17:58	5
o-Xylene	2.5	U	5.0	2.5	ug/L			08/31/16 17:58	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			08/31/16 17:58	5
Styrene	4.9	U	10	4.9	ug/L			08/31/16 17:58	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			08/31/16 17:58	5
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			08/31/16 17:58	5

Client Sample ID: IWI-1
Date Collected: 08/23/16 10:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.85	U	5.0	0.85	ug/L			08/31/16 17:58	5
Tetrachloroethene	2.5	U	5.0	2.5	ug/L			08/31/16 17:58	5
Toluene	2.6	U	5.0	2.6	ug/L			08/31/16 17:58	5
trans-1,2-Dichloroethene	**8.0**		5.0	3.4	ug/L			08/31/16 17:58	5
trans-1,3-Dichloropropene	1.4	U	5.0	1.4	ug/L			08/31/16 17:58	5
1,2,3-Trichlorobenzene	3.9	U	5.0	3.9	ug/L			08/31/16 17:58	5
1,2,4-Trichlorobenzene	2.9	U	5.0	2.9	ug/L			08/31/16 17:58	5
1,1,1-Trichloroethane	2.4	U	5.0	2.4	ug/L			08/31/16 17:58	5
1,1,2-Trichloroethane	2.4	U J3	5.0	2.4	ug/L			08/31/16 17:58	5
Trichloroethene	**22**		5.0	3.1	ug/L			08/31/16 17:58	5
Trichlorofluoromethane	13	U	25	13	ug/L			08/31/16 17:58	5
1,2,3-Trichloropropane	2.2	U	5.0	2.2	ug/L			08/31/16 17:58	5
1,2,4-Trimethylbenzene	4.3	U	5.0	4.3	ug/L			08/31/16 17:58	5
1,3,5-Trimethylbenzene	2.7	U	5.0	2.7	ug/L			08/31/16 17:58	5
Vinyl chloride	**310**		5.0	3.6	ug/L			08/31/16 17:58	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*08/31/16 17:58*	*5*
Dibromofluoromethane	*109*		*70 - 130*		*08/31/16 17:58*	*5*
Toluene-d8 (Surr)	*123*		*70 - 130*		*08/31/16 17:58*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**1300**		50	33	ug/L			08/31/16 17:40	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*08/31/16 17:40*	*50*
Dibromofluoromethane	*112*		*70 - 130*		*08/31/16 17:40*	*50*
Toluene-d8 (Surr)	*117*		*70 - 130*		*08/31/16 17:40*	*50*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**200**		10	5.0	ug/L			09/01/16 10:06	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: IWI-2
Date Collected: 08/23/16 09:02
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 16:44	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 16:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 16:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 16:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 16:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 16:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 16:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 16:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 16:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 16:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 16:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 16:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 16:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 16:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 16:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 16:44	1
cis-1,2-Dichloroethene	**54**		1.0	0.65	ug/L			08/31/16 16:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 16:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 16:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 16:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 16:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 16:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 16:44	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 16:44	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 16:44	1
1,1-Dichloroethane	**6.2**		1.0	0.52	ug/L			08/31/16 16:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 16:44	1
1,1-Dichloroethene	**19**		1.0	0.67	ug/L			08/31/16 16:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 16:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 16:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 16:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 16:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 16:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 16:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 16:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 16:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 16:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 16:44	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 16:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 16:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 16:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 16:44	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 16:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 16:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 16:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 16:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 16:44	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 16:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 16:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: IWI-2
Date Collected: 08/23/16 09:02
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 16:44	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 16:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 16:44	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 16:44	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 16:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 16:44	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 16:44	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 16:44	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 16:44	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 16:44	1
Trichloroethene	**33**		1.0	0.61	ug/L			08/31/16 16:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 16:44	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 16:44	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 16:44	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 16:44	1
Vinyl chloride	**2.2**		1.0	0.71	ug/L			08/31/16 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*08/31/16 16:44*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/31/16 16:44*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*08/31/16 16:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**83**		2.0	1.0	ug/L			08/30/16 14:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-13D
Date Collected: 08/22/16 14:05
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 10:31	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 10:31	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 10:31	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 10:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 10:31	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 10:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 10:31	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 10:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 10:31	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 10:31	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 10:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 10:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 10:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 10:31	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 10:31	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 10:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/31/16 10:31	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 10:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 10:31	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 10:31	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 10:31	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 10:31	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 10:31	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 10:31	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 10:31	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/31/16 10:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 10:31	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 10:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 10:31	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 10:31	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 10:31	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 10:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 10:31	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 10:31	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 10:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 10:31	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 10:31	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 10:31	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 10:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 10:31	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 10:31	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 10:31	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 10:31	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 10:31	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 10:31	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 10:31	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 10:31	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 10:31	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 10:31	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-13D
Date Collected: 08/22/16 14:05
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 10:31	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 10:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 10:31	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 10:31	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 10:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 10:31	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 10:31	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 10:31	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 10:31	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 10:31	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/31/16 10:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 10:31	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 10:31	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 10:31	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 10:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*70 - 130*		*08/31/16 10:31*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*08/31/16 10:31*	*1*
Toluene-d8 (Surr)	*118*		*70 - 130*		*08/31/16 10:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/30/16 14:54	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-21
Date Collected: 08/22/16 11:55
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 12:23	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 12:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 12:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 12:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 12:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 12:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 12:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 12:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 12:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 12:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 12:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 12:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 12:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 12:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 12:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 12:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/31/16 12:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 12:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 12:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 12:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 12:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 12:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 12:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 12:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 12:23	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/31/16 12:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 12:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 12:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 12:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 12:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 12:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 12:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 12:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 12:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 12:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 12:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 12:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 12:23	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 12:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 12:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 12:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 12:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 12:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 12:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 12:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 12:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 12:23	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 12:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 12:23	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-21
Date Collected: 08/22/16 11:55
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 12:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 12:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 12:23	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 12:23	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 12:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 12:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 12:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 12:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 12:23	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 12:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/31/16 12:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 12:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 12:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 12:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 12:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*08/31/16 12:23*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/31/16 12:23*	*1*
Toluene-d8 (Surr)	*119*		*70 - 130*		*08/31/16 12:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.4**	**I**	2.0	1.0	ug/L			08/30/16 15:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-37
Date Collected: 08/23/16 11:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 17:02	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 17:02	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 17:02	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 17:02	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 17:02	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 17:02	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 17:02	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 17:02	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 17:02	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 17:02	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 17:02	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 17:02	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 17:02	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 17:02	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 17:02	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 17:02	1
cis-1,2-Dichloroethene	**85**		1.0	0.65	ug/L			08/31/16 17:02	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 17:02	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 17:02	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 17:02	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 17:02	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 17:02	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 17:02	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 17:02	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 17:02	1
1,1-Dichloroethane	**2.5**		1.0	0.52	ug/L			08/31/16 17:02	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 17:02	1
1,1-Dichloroethene	**12**		1.0	0.67	ug/L			08/31/16 17:02	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 17:02	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 17:02	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 17:02	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 17:02	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 17:02	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 17:02	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 17:02	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 17:02	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 17:02	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 17:02	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 17:02	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 17:02	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 17:02	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 17:02	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 17:02	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 17:02	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 17:02	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 17:02	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 17:02	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 17:02	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 17:02	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-37
Date Collected: 08/23/16 11:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 17:02	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 17:02	1
Tetrachloroethene	**1.2**		1.0	0.50	ug/L			08/31/16 17:02	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 17:02	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 17:02	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 17:02	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 17:02	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 17:02	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 17:02	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 17:02	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 17:02	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 17:02	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 17:02	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 17:02	1
Vinyl chloride	**1.3**		1.0	0.71	ug/L			08/31/16 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*08/31/16 17:02*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*08/31/16 17:02*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*08/31/16 17:02*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**95**		5.0	3.1	ug/L			09/02/16 14:22	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*09/02/16 14:22*	*5*
Dibromofluoromethane	*103*		*70 - 130*		*09/02/16 14:22*	*5*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/02/16 14:22*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**9.6**		2.0	1.0	ug/L			08/30/16 15:31	1

Client Sample ID: MW-39
Date Collected: 08/24/16 08:33
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 18:35	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 18:35	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 18:35	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 18:35	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 18:35	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 18:35	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 18:35	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 18:35	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 18:35	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 18:35	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 18:35	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 18:35	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 18:35	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 18:35	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 18:35	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 18:35	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 18:35	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 18:35	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 18:35	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 18:35	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 18:35	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 18:35	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 18:35	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 18:35	1
1,1-Dichloroethane	**4.5**		1.0	0.52	ug/L			08/31/16 18:35	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 18:35	1
1,1-Dichloroethene	**19**		1.0	0.67	ug/L			08/31/16 18:35	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 18:35	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 18:35	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 18:35	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 18:35	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 18:35	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 18:35	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 18:35	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 18:35	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 18:35	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 18:35	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 18:35	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 18:35	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 18:35	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 18:35	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 18:35	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 18:35	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 18:35	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 18:35	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 18:35	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 18:35	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 18:35	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 18:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-39
Date Collected: 08/24/16 08:33
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 18:35	1
Tetrachloroethene	**0.92**	**I**	1.0	0.50	ug/L			08/31/16 18:35	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 18:35	1
trans-1,2-Dichloroethene	**2.1**		1.0	0.67	ug/L			08/31/16 18:35	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 18:35	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 18:35	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 18:35	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 18:35	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 18:35	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 18:35	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 18:35	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 18:35	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 18:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*08/31/16 18:35*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/31/16 18:35*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*08/31/16 18:35*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**140**		10	6.5	ug/L			08/31/16 17:21	10
Trichloroethene	**850**		10	6.1	ug/L			08/31/16 17:21	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*70 - 130*		*08/31/16 17:21*	*10*
Dibromofluoromethane	*114*		*70 - 130*		*08/31/16 17:21*	*10*
Toluene-d8 (Surr)	*125*		*70 - 130*		*08/31/16 17:21*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**41**		2.0	1.0	ug/L			08/30/16 15:54	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-42
Date Collected: 08/23/16 12:09
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 12:42	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 12:42	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 12:42	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 12:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 12:42	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 12:42	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 12:42	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 12:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 12:42	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 12:42	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 12:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 12:42	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 12:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 12:42	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 12:42	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 12:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/31/16 12:42	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 12:42	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 12:42	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 12:42	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 12:42	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 12:42	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 12:42	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 12:42	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 12:42	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/31/16 12:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 12:42	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 12:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 12:42	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 12:42	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 12:42	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 12:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 12:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 12:42	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 12:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 12:42	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 12:42	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 12:42	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 12:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 12:42	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 12:42	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 12:42	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 12:42	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 12:42	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 12:42	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 12:42	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 12:42	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 12:42	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 12:42	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-42
Date Collected: 08/23/16 12:09
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 12:42	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 12:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 12:42	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 12:42	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 12:42	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 12:42	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 12:42	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 12:42	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 12:42	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 12:42	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/31/16 12:42	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 12:42	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 12:42	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 12:42	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 12:42	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/31/16 12:42*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/31/16 12:42*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*08/31/16 12:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/30/16 16:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-43
Date Collected: 08/23/16 11:08
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 16:25	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 16:25	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 16:25	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 16:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 16:25	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 16:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 16:25	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 16:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 16:25	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 16:25	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 16:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 16:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 16:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 16:25	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 16:25	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 16:25	1
cis-1,2-Dichloroethene	**37**		1.0	0.65	ug/L			08/31/16 16:25	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 16:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 16:25	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 16:25	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 16:25	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 16:25	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 16:25	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 16:25	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 16:25	1
1,1-Dichloroethane	**3.2**		1.0	0.52	ug/L			08/31/16 16:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 16:25	1
1,1-Dichloroethene	**12**		1.0	0.67	ug/L			08/31/16 16:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 16:25	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 16:25	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 16:25	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 16:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 16:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 16:25	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 16:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 16:25	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 16:25	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 16:25	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 16:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 16:25	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 16:25	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 16:25	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 16:25	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 16:25	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 16:25	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 16:25	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 16:25	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 16:25	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 16:25	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-43
Date Collected: 08/23/16 11:08
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 16:25	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 16:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 16:25	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 16:25	1
trans-1,2-Dichloroethene	**1.8**		1.0	0.67	ug/L			08/31/16 16:25	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 16:25	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 16:25	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 16:25	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 16:25	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 16:25	1
Trichloroethene	**60**		1.0	0.61	ug/L			08/31/16 16:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 16:25	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 16:25	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 16:25	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 16:25	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*70 - 130*		*08/31/16 16:25*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*08/31/16 16:25*	*1*
Toluene-d8 (Surr)	*120*		*70 - 130*		*08/31/16 16:25*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**35**		2.0	1.0	ug/L			08/30/16 16:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-44
Date Collected: 08/22/16 14:05
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 13:00	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 13:00	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 13:00	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 13:00	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:00	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 13:00	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 13:00	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 13:00	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 13:00	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 13:00	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 13:00	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:00	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 13:00	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 13:00	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 13:00	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 13:00	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/31/16 13:00	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 13:00	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 13:00	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 13:00	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 13:00	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 13:00	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 13:00	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 13:00	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:00	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/31/16 13:00	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 13:00	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 13:00	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 13:00	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 13:00	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 13:00	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 13:00	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 13:00	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 13:00	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 13:00	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 13:00	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 13:00	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 13:00	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 13:00	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 13:00	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 13:00	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 13:00	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 13:00	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 13:00	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 13:00	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 13:00	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 13:00	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 13:00	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 13:00	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-44
Date Collected: 08/22/16 14:05
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 13:00	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 13:00	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 13:00	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 13:00	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 13:00	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 13:00	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 13:00	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 13:00	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 13:00	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 13:00	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/31/16 13:00	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:00	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 13:00	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 13:00	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 13:00	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*08/31/16 13:00*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*08/31/16 13:00*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*08/31/16 13:00*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/30/16 16:54	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-45
Date Collected: 08/22/16 15:06
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 13:19	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 13:19	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 13:19	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 13:19	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:19	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 13:19	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 13:19	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 13:19	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 13:19	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 13:19	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 13:19	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:19	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 13:19	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 13:19	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 13:19	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 13:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/31/16 13:19	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 13:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 13:19	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 13:19	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 13:19	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 13:19	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 13:19	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 13:19	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:19	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/31/16 13:19	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 13:19	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 13:19	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 13:19	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 13:19	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 13:19	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 13:19	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 13:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 13:19	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 13:19	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 13:19	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 13:19	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 13:19	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 13:19	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 13:19	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 13:19	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 13:19	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 13:19	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 13:19	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 13:19	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 13:19	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 13:19	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 13:19	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 13:19	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-45
Date Collected: 08/22/16 15:06
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 13:19	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 13:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 13:19	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 13:19	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 13:19	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 13:19	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 13:19	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 13:19	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 13:19	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 13:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/31/16 13:19	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:19	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 13:19	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 13:19	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 13:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*120*		*70 - 130*		*08/31/16 13:19*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/31/16 13:19*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*08/31/16 13:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/30/16 17:12	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-62
Date Collected: 08/22/16 12:40
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 13:38	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 13:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 13:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 13:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 13:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 13:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 13:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 13:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 13:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 13:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 13:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 13:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 13:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 13:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/31/16 13:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 13:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 13:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 13:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 13:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 13:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 13:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 13:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/31/16 13:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 13:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 13:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 13:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 13:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 13:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 13:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 13:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 13:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 13:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 13:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 13:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 13:38	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 13:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 13:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 13:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 13:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 13:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 13:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 13:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 13:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 13:38	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 13:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 13:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-62
Date Collected: 08/22/16 12:40
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 13:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 13:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 13:38	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 13:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 13:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 13:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 13:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 13:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 13:38	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 13:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/31/16 13:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 13:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 13:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 13:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*119*		*70 - 130*		*08/31/16 13:38*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/31/16 13:38*	*1*
Toluene-d8 (Surr)	*116*		*70 - 130*		*08/31/16 13:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 10:43	1

Client Sample ID: MW-72
Date Collected: 08/23/16 13:32
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 10:50	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 10:50	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 10:50	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 10:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 10:50	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 10:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 10:50	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 10:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 10:50	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 10:50	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 10:50	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			08/31/16 10:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 10:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 10:50	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 10:50	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 10:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/31/16 10:50	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 10:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 10:50	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 10:50	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 10:50	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 10:50	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 10:50	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 10:50	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/31/16 10:50	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/31/16 10:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 10:50	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 10:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 10:50	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 10:50	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 10:50	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 10:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 10:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 10:50	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 10:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 10:50	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 10:50	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 10:50	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 10:50	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 10:50	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 10:50	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 10:50	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 10:50	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 10:50	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 10:50	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 10:50	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 10:50	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 10:50	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 10:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-72
Date Collected: 08/23/16 13:32
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 10:50	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 10:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 10:50	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 10:50	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 10:50	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 10:50	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 10:50	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 10:50	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 10:50	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 10:50	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/31/16 10:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 10:50	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 10:50	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 10:50	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 10:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*08/31/16 10:50*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/31/16 10:50*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*08/31/16 10:50*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 11:02	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-72 (DUP)
Date Collected: 08/23/16 13:37
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 13:56	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 13:56	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 13:56	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 13:56	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:56	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 13:56	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 13:56	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 13:56	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 13:56	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 13:56	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 13:56	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:56	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 13:56	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 13:56	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 13:56	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 13:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/31/16 13:56	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 13:56	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 13:56	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 13:56	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 13:56	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 13:56	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 13:56	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 13:56	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:56	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/31/16 13:56	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 13:56	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 13:56	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 13:56	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 13:56	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 13:56	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 13:56	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 13:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 13:56	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 13:56	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 13:56	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 13:56	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 13:56	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 13:56	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 13:56	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 13:56	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 13:56	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 13:56	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 13:56	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 13:56	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 13:56	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 13:56	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 13:56	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 13:56	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-72 (DUP)
Date Collected: 08/23/16 13:37
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 13:56	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 13:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 13:56	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 13:56	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 13:56	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 13:56	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 13:56	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 13:56	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 13:56	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 13:56	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/31/16 13:56	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 13:56	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 13:56	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 13:56	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 13:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*08/31/16 13:56*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/31/16 13:56*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*08/31/16 13:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 12:21	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-76
Date Collected: 08/23/16 13:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 14:15	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 14:15	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 14:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 14:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 14:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 14:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 14:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 14:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 14:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 14:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 14:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 14:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 14:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 14:15	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 14:15	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 14:15	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/31/16 14:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 14:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 14:15	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 14:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 14:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 14:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 14:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 14:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 14:15	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/31/16 14:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 14:15	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 14:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 14:15	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 14:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 14:15	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 14:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 14:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 14:15	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 14:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 14:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 14:15	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 14:15	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 14:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 14:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 14:15	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 14:15	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 14:15	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 14:15	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 14:15	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 14:15	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 14:15	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 14:15	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 14:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-76
Date Collected: 08/23/16 13:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 14:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 14:15	1
Tetrachloroethene	**29**		1.0	0.50	ug/L			08/31/16 14:15	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 14:15	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 14:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 14:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 14:15	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 14:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 14:15	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 14:15	1
Trichloroethene	**5.7**		1.0	0.61	ug/L			08/31/16 14:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 14:15	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 14:15	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 14:15	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 14:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*08/31/16 14:15*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/31/16 14:15*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*08/31/16 14:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 12:40	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-80
Date Collected: 08/23/16 14:27
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 14:34	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 14:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 14:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 14:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 14:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 14:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 14:34	1
Carbon tetrachloride	0.43	U J3	1.0	0.43	ug/L			08/31/16 14:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 14:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 14:34	1
Chlorodibromomethane	0.31	U J3	1.0	0.31	ug/L			08/31/16 14:34	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 14:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 14:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 14:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 14:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 14:34	1
cis-1,2-Dichloroethene	**0.97**	**I J3**	1.0	0.65	ug/L			08/31/16 14:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 14:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 14:34	1
Dibromomethane	0.46	U J3	1.0	0.46	ug/L			08/31/16 14:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 14:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 14:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 14:34	1
Dichlorobromomethane	0.44	U J3	1.0	0.44	ug/L			08/31/16 14:34	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			08/31/16 14:34	1
1,1-Dichloroethane	0.52	U J3	1.0	0.52	ug/L			08/31/16 14:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 14:34	1
1,1-Dichloroethene	**9.6**		1.0	0.67	ug/L			08/31/16 14:34	1
1,2-Dichloropropane	0.52	U J3	1.0	0.52	ug/L			08/31/16 14:34	1
1,3-Dichloropropane	0.42	U J3	1.0	0.42	ug/L			08/31/16 14:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 14:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 14:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 14:34	1
Ethylene Dibromide	0.50	U J3	1.0	0.50	ug/L			08/31/16 14:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 14:34	1
2-Hexanone	4.4	U J3	10	4.4	ug/L			08/31/16 14:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 14:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 14:34	1
Methylene Chloride	5.0	U J3	10	5.0	ug/L			08/31/16 14:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 14:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 14:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 14:34	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 14:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 14:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 14:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 14:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 14:34	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 14:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 14:34	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-80
Date Collected: 08/23/16 14:27
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 14:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 14:34	1
Tetrachloroethene	0.50	U J3	1.0	0.50	ug/L			08/31/16 14:34	1
Toluene	0.51	U J3	1.0	0.51	ug/L			08/31/16 14:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 14:34	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 14:34	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 14:34	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 14:34	1
1,1,1-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 14:34	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 14:34	1
Trichloroethene	**1.9**		1.0	0.61	ug/L			08/31/16 14:34	1
Trichlorofluoromethane	2.5	U J3	5.0	2.5	ug/L			08/31/16 14:34	1
1,2,3-Trichloropropane	0.44	U J3	1.0	0.44	ug/L			08/31/16 14:34	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 14:34	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 14:34	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			08/31/16 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*70 - 130*		*08/31/16 14:34*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/31/16 14:34*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*08/31/16 14:34*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.0**		2.0	1.0	ug/L			08/31/16 12:58	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-80 (DUP)
Date Collected: 08/23/16 14:37
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 15:48	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 15:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 15:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 15:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 15:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 15:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 15:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 15:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 15:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 15:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 15:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 15:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 15:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 15:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 15:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 15:48	1
cis-1,2-Dichloroethene	**0.95**	**I**	1.0	0.65	ug/L			08/31/16 15:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 15:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 15:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 15:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 15:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 15:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 15:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 15:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 15:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/31/16 15:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 15:48	1
1,1-Dichloroethene	**8.9**		1.0	0.67	ug/L			08/31/16 15:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 15:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 15:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 15:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 15:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 15:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 15:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 15:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 15:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 15:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 15:48	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 15:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 15:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 15:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 15:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 15:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 15:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 15:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 15:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 15:48	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 15:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 15:48	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-80 (DUP)
Date Collected: 08/23/16 14:37
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 15:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 15:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 15:48	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 15:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 15:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 15:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 15:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 15:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 15:48	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 15:48	1
Trichloroethene	**2.2**		1.0	0.61	ug/L			08/31/16 15:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 15:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 15:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 15:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 15:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*08/31/16 15:48*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*08/31/16 15:48*	*1*
Toluene-d8 (Surr)	*115*		*70 - 130*		*08/31/16 15:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.3**	**I**	2.0	1.0	ug/L			08/31/16 14:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-84
Date Collected: 08/24/16 08:10
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 16:07	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 16:07	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 16:07	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 16:07	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 16:07	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 16:07	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 16:07	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 16:07	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 16:07	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 16:07	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 16:07	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 16:07	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 16:07	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 16:07	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 16:07	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 16:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/31/16 16:07	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 16:07	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 16:07	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 16:07	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 16:07	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 16:07	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 16:07	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 16:07	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 16:07	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/31/16 16:07	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 16:07	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 16:07	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 16:07	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 16:07	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 16:07	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 16:07	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 16:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 16:07	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 16:07	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 16:07	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 16:07	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 16:07	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 16:07	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 16:07	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 16:07	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 16:07	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 16:07	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 16:07	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 16:07	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 16:07	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 16:07	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 16:07	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 16:07	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-84
Date Collected: 08/24/16 08:10
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 16:07	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 16:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 16:07	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 16:07	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 16:07	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 16:07	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 16:07	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 16:07	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 16:07	1
1,1,2-Trichloroethane	0.47	U J3	1.0	0.47	ug/L			08/31/16 16:07	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/31/16 16:07	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 16:07	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 16:07	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 16:07	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 16:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*08/31/16 16:07*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/31/16 16:07*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/31/16 16:07*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**	**I**	2.0	1.0	ug/L			08/31/16 14:32	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-162
Date Collected: 08/22/16 11:10
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 13:29	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 13:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 13:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 13:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 13:29	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 13:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 13:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 13:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 13:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 13:29	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 13:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 13:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 13:29	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 13:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 13:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 13:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 13:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 13:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 13:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 13:29	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 13:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 13:29	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 13:29	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 13:29	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 13:29	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 13:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 13:29	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 13:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 13:29	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 13:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 13:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 13:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 13:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 13:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 13:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 13:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 13:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 13:29	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 13:29	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 13:29	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 13:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 13:29	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 13:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 13:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 13:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 13:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 13:29	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 13:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 13:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-162
Date Collected: 08/22/16 11:10
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 13:29	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 13:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 13:29	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 13:29	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 13:29	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 13:29	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 13:29	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 13:29	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 13:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 13:29	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 13:29	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 13:29	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 13:29	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 13:29	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 13:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*09/01/16 13:29*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*09/01/16 13:29*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*09/01/16 13:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 14:50	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-164
Date Collected: 08/22/16 12:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 13:48	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 13:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 13:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 13:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 13:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 13:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 13:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 13:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 13:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 13:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 13:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 13:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 13:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 13:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 13:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 13:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 13:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 13:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 13:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 13:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 13:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 13:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 13:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 13:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 13:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 13:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 13:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 13:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 13:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 13:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 13:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 13:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 13:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 13:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 13:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 13:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 13:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 13:48	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 13:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 13:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 13:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 13:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 13:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 13:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 13:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 13:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 13:48	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 13:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 13:48	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-164
Date Collected: 08/22/16 12:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 13:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 13:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 13:48	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 13:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 13:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 13:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 13:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 13:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 13:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 13:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 13:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 13:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 13:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 13:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 13:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/01/16 13:48*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*09/01/16 13:48*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*09/01/16 13:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 15:09	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-233
Date Collected: 08/22/16 12:52
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 14:08	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 14:08	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 14:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 14:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 14:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 14:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 14:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 14:08	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 14:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 14:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 14:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 14:08	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 14:08	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 14:08	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 14:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 14:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 14:08	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 14:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 14:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 14:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 14:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 14:08	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:08	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 14:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 14:08	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 14:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 14:08	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 14:08	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 14:08	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 14:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 14:08	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 14:08	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 14:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 14:08	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 14:08	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 14:08	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 14:08	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 14:08	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 14:08	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 14:08	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 14:08	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 14:08	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 14:08	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 14:08	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 14:08	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 14:08	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 14:08	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-233
Date Collected: 08/22/16 12:52
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 14:08	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 14:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 14:08	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 14:08	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 14:08	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 14:08	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 14:08	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 14:08	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 14:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 14:08	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 14:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:08	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 14:08	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 14:08	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 14:08	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*09/01/16 14:08*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*09/01/16 14:08*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/01/16 14:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 15:27	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-253
Date Collected: 08/23/16 10:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 14:28	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 14:28	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 14:28	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 14:28	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:28	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 14:28	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 14:28	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 14:28	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 14:28	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 14:28	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 14:28	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			09/01/16 14:28	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 14:28	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 14:28	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 14:28	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 14:28	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 14:28	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 14:28	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 14:28	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 14:28	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 14:28	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 14:28	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 14:28	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:28	1
1,1-Dichloroethane	**12**		1.0	0.52	ug/L			09/01/16 14:28	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 14:28	1
1,1-Dichloroethene	**66**		1.0	0.67	ug/L			09/01/16 14:28	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 14:28	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 14:28	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 14:28	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 14:28	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 14:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 14:28	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 14:28	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 14:28	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 14:28	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 14:28	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 14:28	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 14:28	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 14:28	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 14:28	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 14:28	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 14:28	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 14:28	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 14:28	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 14:28	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 14:28	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 14:28	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 14:28	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-253
Date Collected: 08/23/16 10:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 14:28	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 14:28	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 14:28	1
trans-1,2-Dichloroethene	**2.1**		1.0	0.67	ug/L			09/01/16 14:28	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 14:28	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 14:28	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 14:28	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 14:28	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 14:28	1
Trichloroethene	**20**		1.0	0.61	ug/L			09/01/16 14:28	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:28	1
1,2,3-Trichloropropane	0.44	U J3	1.0	0.44	ug/L			09/01/16 14:28	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 14:28	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 14:28	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*09/01/16 14:28*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*09/01/16 14:28*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*09/01/16 14:28*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**540**		10	6.5	ug/L			09/05/16 13:02	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*09/05/16 13:02*	*10*
Dibromofluoromethane	*109*		*70 - 130*		*09/05/16 13:02*	*10*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/05/16 13:02*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**72**		2.0	1.0	ug/L			08/31/16 15:45	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK -39
Date Collected: 08/23/16 13:12
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 11:52	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 11:52	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 11:52	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 11:52	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 11:52	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 11:52	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 11:52	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 11:52	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 11:52	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 11:52	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 11:52	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 11:52	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 11:52	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 11:52	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 11:52	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 11:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 11:52	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 11:52	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 11:52	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 11:52	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 11:52	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 11:52	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 11:52	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 11:52	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 11:52	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 11:52	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 11:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 11:52	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 11:52	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 11:52	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 11:52	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 11:52	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 11:52	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 11:52	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 11:52	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 11:52	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 11:52	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 11:52	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 11:52	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 11:52	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 11:52	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 11:52	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 11:52	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 11:52	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 11:52	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 11:52	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 11:52	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 11:52	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 11:52	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK -39
Date Collected: 08/23/16 13:12
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 11:52	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 11:52	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 11:52	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 11:52	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 11:52	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 11:52	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 11:52	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 11:52	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 11:52	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 11:52	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 11:52	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 11:52	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 11:52	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 11:52	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 11:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*09/01/16 11:52*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*09/01/16 11:52*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/01/16 11:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 16:04	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK -40
Date Collected: 08/23/16 14:05
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 11:33	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 11:33	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 11:33	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 11:33	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 11:33	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 11:33	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 11:33	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 11:33	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 11:33	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 11:33	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 11:33	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 11:33	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 11:33	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 11:33	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 11:33	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 11:33	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 11:33	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 11:33	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 11:33	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 11:33	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 11:33	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 11:33	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 11:33	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 11:33	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 11:33	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 11:33	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 11:33	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 11:33	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 11:33	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 11:33	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 11:33	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 11:33	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 11:33	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 11:33	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 11:33	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 11:33	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 11:33	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 11:33	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 11:33	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 11:33	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 11:33	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 11:33	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 11:33	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 11:33	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 11:33	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 11:33	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 11:33	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 11:33	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 11:33	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK -40
Date Collected: 08/23/16 14:05
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 11:33	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 11:33	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 11:33	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 11:33	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 11:33	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 11:33	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 11:33	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 11:33	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 11:33	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 11:33	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 11:33	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 11:33	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 11:33	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 11:33	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 11:33	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/01/16 11:33*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*09/01/16 11:33*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*09/01/16 11:33*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 16:23	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: Trip Blank 75747
Date Collected: 08/22/16 00:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 11:13	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 11:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 11:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 11:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 11:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 11:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 11:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 11:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 11:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 11:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 11:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 11:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 11:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 11:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 11:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 11:13	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 11:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 11:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 11:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 11:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 11:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 11:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 11:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 11:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 11:13	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 11:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 11:13	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 11:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 11:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 11:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 11:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 11:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 11:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 11:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 11:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 11:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 11:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 11:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 11:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 11:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 11:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 11:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 11:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 11:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 11:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 11:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 11:13	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 11:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 11:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: Trip Blank 75747
Date Collected: 08/22/16 00:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 11:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 11:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 11:13	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 11:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 11:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 11:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 11:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 11:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 11:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 11:13	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 11:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 11:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 11:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 11:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 11:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*09/01/16 11:13*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*09/01/16 11:13*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/01/16 11:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 16:41	1

Client Sample ID: EW-UAFG-1
Date Collected: 08/25/16 14:05
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	100	50	ug/L			09/01/16 17:04	5
Benzene	2.5	U	5.0	2.5	ug/L			09/01/16 17:04	5
Bromobenzene	2.9	U	5.0	2.9	ug/L			09/01/16 17:04	5
Bromoform	3.2	U	5.0	3.2	ug/L			09/01/16 17:04	5
Bromomethane	13	U	25	13	ug/L			09/01/16 17:04	5
2-Butanone (MEK)	42	U	50	42	ug/L			09/01/16 17:04	5
Carbon disulfide	5.0	U	10	5.0	ug/L			09/01/16 17:04	5
Carbon tetrachloride	2.2	U	5.0	2.2	ug/L			09/01/16 17:04	5
Chlorobenzene	3.2	U	5.0	3.2	ug/L			09/01/16 17:04	5
Chlorobromomethane	2.9	U	5.0	2.9	ug/L			09/01/16 17:04	5
Chlorodibromomethane	1.6	U	5.0	1.6	ug/L			09/01/16 17:04	5
Chloroethane	13	U	25	13	ug/L			09/01/16 17:04	5
Chloroform	4.5	U	5.0	4.5	ug/L			09/01/16 17:04	5
Chloromethane	5.0	U	20	5.0	ug/L			09/01/16 17:04	5
2-Chlorotoluene	3.3	U	5.0	3.3	ug/L			09/01/16 17:04	5
4-Chlorotoluene	2.6	U	5.0	2.6	ug/L			09/01/16 17:04	5
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/L			09/01/16 17:04	5
1,2-Dibromo-3-Chloropropane	13	U	25	13	ug/L			09/01/16 17:04	5
Dibromomethane	2.3	U	5.0	2.3	ug/L			09/01/16 17:04	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			09/01/16 17:04	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			09/01/16 17:04	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			09/01/16 17:04	5
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			09/01/16 17:04	5
Dichlorodifluoromethane	13	U	25	13	ug/L			09/01/16 17:04	5
1,1-Dichloroethane	**25**		5.0	2.6	ug/L			09/01/16 17:04	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			09/01/16 17:04	5
1,1-Dichloroethene	**110**		5.0	3.4	ug/L			09/01/16 17:04	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			09/01/16 17:04	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			09/01/16 17:04	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			09/01/16 17:04	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			09/01/16 17:04	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			09/01/16 17:04	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			09/01/16 17:04	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			09/01/16 17:04	5
2-Hexanone	22	U	50	22	ug/L			09/01/16 17:04	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			09/01/16 17:04	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			09/01/16 17:04	5
Methylene Chloride	25	U	50	25	ug/L			09/01/16 17:04	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			09/01/16 17:04	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			09/01/16 17:04	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			09/01/16 17:04	5
Naphthalene	13	U	25	13	ug/L			09/01/16 17:04	5
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			09/01/16 17:04	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			09/01/16 17:04	5
o-Xylene	2.5	U	5.0	2.5	ug/L			09/01/16 17:04	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			09/01/16 17:04	5
Styrene	4.9	U	10	4.9	ug/L			09/01/16 17:04	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			09/01/16 17:04	5
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			09/01/16 17:04	5

Client Sample ID: EW-UAFG-1
Date Collected: 08/25/16 14:05
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.85	U	5.0	0.85	ug/L			09/01/16 17:04	5
Tetrachloroethene	2.5	U	5.0	2.5	ug/L			09/01/16 17:04	5
Toluene	2.6	U	5.0	2.6	ug/L			09/01/16 17:04	5
trans-1,2-Dichloroethene	**6.7**		5.0	3.4	ug/L			09/01/16 17:04	5
trans-1,3-Dichloropropene	1.4	U	5.0	1.4	ug/L			09/01/16 17:04	5
1,2,3-Trichlorobenzene	3.9	U	5.0	3.9	ug/L			09/01/16 17:04	5
1,2,4-Trichlorobenzene	2.9	U	5.0	2.9	ug/L			09/01/16 17:04	5
1,1,1-Trichloroethane	2.4	U	5.0	2.4	ug/L			09/01/16 17:04	5
1,1,2-Trichloroethane	2.4	U	5.0	2.4	ug/L			09/01/16 17:04	5
Trichloroethene	**19**		5.0	3.1	ug/L			09/01/16 17:04	5
Trichlorofluoromethane	13	U	25	13	ug/L			09/01/16 17:04	5
1,2,3-Trichloropropane	2.2	U	5.0	2.2	ug/L			09/01/16 17:04	5
1,2,4-Trimethylbenzene	4.3	U	5.0	4.3	ug/L			09/01/16 17:04	5
1,3,5-Trimethylbenzene	2.7	U	5.0	2.7	ug/L			09/01/16 17:04	5
Vinyl chloride	**210**		5.0	3.6	ug/L			09/01/16 17:04	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*09/01/16 17:04*	*5*
Dibromofluoromethane	*107*		*70 - 130*		*09/01/16 17:04*	*5*
Toluene-d8 (Surr)	*110*		*70 - 130*		*09/01/16 17:04*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**700**		50	33	ug/L			09/01/16 16:45	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*70 - 130*		*09/01/16 16:45*	*50*
Dibromofluoromethane	*108*		*70 - 130*		*09/01/16 16:45*	*50*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/01/16 16:45*	*50*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**160**		10	5.0	ug/L			09/02/16 17:28	5

Client Sample ID: MW-8D
Date Collected: 08/25/16 14:45
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 14:17	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 14:17	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 14:17	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 14:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:17	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 14:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 14:17	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 14:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 14:17	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 14:17	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 14:17	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:17	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 14:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 14:17	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 14:17	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 14:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 14:17	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 14:17	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 14:17	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 14:17	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 14:17	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 14:17	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 14:17	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 14:17	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:17	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 14:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 14:17	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 14:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 14:17	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 14:17	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 14:17	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 14:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 14:17	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 14:17	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 14:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 14:17	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 14:17	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 14:17	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 14:17	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 14:17	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 14:17	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 14:17	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 14:17	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 14:17	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 14:17	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 14:17	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 14:17	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 14:17	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 14:17	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-8D
Date Collected: 08/25/16 14:45
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 14:17	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 14:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 14:17	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 14:17	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 14:17	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 14:17	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 14:17	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 14:17	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 14:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 14:17	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 14:17	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:17	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 14:17	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 14:17	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 14:17	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*09/01/16 14:17*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*09/01/16 14:17*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*09/01/16 14:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 17:10	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-9D
Date Collected: 08/24/16 09:30
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 14:35	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 14:35	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 14:35	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 14:35	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:35	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 14:35	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 14:35	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 14:35	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 14:35	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 14:35	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 14:35	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:35	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 14:35	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 14:35	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 14:35	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 14:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 14:35	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 14:35	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 14:35	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 14:35	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 14:35	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 14:35	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 14:35	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 14:35	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:35	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 14:35	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 14:35	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 14:35	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 14:35	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 14:35	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 14:35	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 14:35	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 14:35	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 14:35	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 14:35	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 14:35	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 14:35	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 14:35	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 14:35	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 14:35	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 14:35	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 14:35	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 14:35	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 14:35	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 14:35	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 14:35	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 14:35	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 14:35	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 14:35	1

Client Sample ID: MW-9D
Date Collected: 08/24/16 09:30
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 14:35	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 14:35	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 14:35	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 14:35	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 14:35	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 14:35	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 14:35	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 14:35	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 14:35	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 14:35	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 14:35	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:35	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 14:35	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 14:35	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 14:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*09/01/16 14:35*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*09/01/16 14:35*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*		*09/01/16 14:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 17:39	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-30
Date Collected: 08/24/16 08:30
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 14:54	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 14:54	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 14:54	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 14:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:54	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 14:54	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 14:54	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 14:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 14:54	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 14:54	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 14:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 14:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 14:54	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 14:54	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 14:54	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 14:54	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 14:54	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 14:54	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 14:54	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 14:54	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 14:54	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 14:54	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 14:54	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:54	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 14:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 14:54	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 14:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 14:54	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 14:54	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 14:54	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 14:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 14:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 14:54	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 14:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 14:54	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 14:54	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 14:54	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 14:54	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 14:54	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 14:54	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 14:54	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 14:54	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 14:54	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 14:54	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 14:54	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 14:54	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 14:54	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 14:54	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-30
Date Collected: 08/24/16 08:30
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 14:54	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 14:54	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 14:54	1
Toluene	**0.81**	**I**	1.0	0.51	ug/L			09/01/16 14:54	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 14:54	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 14:54	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 14:54	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 14:54	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 14:54	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 14:54	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 14:54	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:54	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 14:54	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 14:54	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 14:54	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*09/01/16 14:54*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*09/01/16 14:54*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*		*09/01/16 14:54*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 17:57	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-33
Date Collected: 08/24/16 13:47
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 15:12	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 15:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 15:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 15:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 15:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 15:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 15:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 15:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 15:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 15:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 15:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 15:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 15:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 15:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 15:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 15:12	1
cis-1,2-Dichloroethene	**12**		1.0	0.65	ug/L			09/01/16 15:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 15:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 15:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 15:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 15:12	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 15:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 15:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 15:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 15:12	1
1,1-Dichloroethane	**1.2**		1.0	0.52	ug/L			09/01/16 15:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 15:12	1
1,1-Dichloroethene	**8.5**		1.0	0.67	ug/L			09/01/16 15:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 15:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 15:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 15:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 15:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 15:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 15:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 15:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 15:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 15:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 15:12	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 15:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 15:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 15:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 15:12	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 15:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 15:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 15:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 15:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 15:12	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 15:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 15:12	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-33
Date Collected: 08/24/16 13:47
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 15:12	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 15:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 15:12	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 15:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 15:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 15:12	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 15:12	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 15:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 15:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 15:12	1
Trichloroethene	**6.4**		1.0	0.61	ug/L			09/01/16 15:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 15:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 15:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 15:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 15:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*09/01/16 15:12*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*09/01/16 15:12*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*09/01/16 15:12*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**8.3**		2.0	1.0	ug/L			09/01/16 10:24	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-41
Date Collected: 08/25/16 09:48
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 17:41	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 17:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 17:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 17:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 17:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 17:41	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 17:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 17:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 17:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 17:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 17:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 17:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 17:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 17:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 17:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 17:41	1
cis-1,2-Dichloroethene	**100**		1.0	0.65	ug/L			09/01/16 17:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 17:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 17:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 17:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 17:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 17:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 17:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 17:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 17:41	1
1,1-Dichloroethane	**54**		1.0	0.52	ug/L			09/01/16 17:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 17:41	1
1,1-Dichloroethene	**81**		1.0	0.67	ug/L			09/01/16 17:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 17:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 17:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 17:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 17:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 17:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 17:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 17:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 17:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 17:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 17:41	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 17:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 17:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 17:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 17:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 17:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 17:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 17:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 17:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 17:41	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 17:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 17:41	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-41
Date Collected: 08/25/16 09:48
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 17:41	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 17:41	1
Tetrachloroethene	**1.2**		1.0	0.50	ug/L			09/01/16 17:41	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 17:41	1
trans-1,2-Dichloroethene	**0.91**	**I**	1.0	0.67	ug/L			09/01/16 17:41	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 17:41	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 17:41	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 17:41	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 17:41	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 17:41	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 17:41	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 17:41	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 17:41	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 17:41	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*09/01/16 17:41*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*09/01/16 17:41*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*		*09/01/16 17:41*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**260**		5.0	3.1	ug/L			09/01/16 16:26	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*09/01/16 16:26*	*5*
Dibromofluoromethane	*103*		*70 - 130*		*09/01/16 16:26*	*5*
Toluene-d8 (Surr)	*116*		*70 - 130*		*09/01/16 16:26*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**300**		20	10	ug/L			09/02/16 17:47	10

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-57
Date Collected: 08/26/16 08:55
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 15:31	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 15:31	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 15:31	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 15:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 15:31	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 15:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 15:31	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 15:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 15:31	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 15:31	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 15:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 15:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 15:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 15:31	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 15:31	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 15:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 15:31	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 15:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 15:31	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 15:31	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 15:31	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 15:31	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 15:31	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 15:31	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 15:31	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 15:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 15:31	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 15:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 15:31	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 15:31	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 15:31	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 15:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 15:31	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 15:31	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 15:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 15:31	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 15:31	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 15:31	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 15:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 15:31	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 15:31	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 15:31	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 15:31	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 15:31	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 15:31	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 15:31	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 15:31	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 15:31	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 15:31	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-57
Date Collected: 08/26/16 08:55
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 15:31	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 15:31	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 15:31	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 15:31	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 15:31	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 15:31	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 15:31	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 15:31	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 15:31	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 15:31	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 15:31	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 15:31	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 15:31	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 15:31	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 15:31	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*09/01/16 15:31*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*09/01/16 15:31*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*09/01/16 15:31*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/01/16 11:02	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-58
Date Collected: 08/25/16 09:01
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 15:49	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 15:49	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 15:49	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 15:49	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 15:49	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 15:49	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 15:49	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 15:49	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 15:49	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 15:49	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 15:49	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 15:49	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 15:49	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 15:49	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 15:49	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 15:49	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 15:49	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 15:49	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 15:49	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 15:49	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 15:49	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 15:49	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 15:49	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 15:49	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 15:49	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 15:49	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 15:49	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 15:49	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 15:49	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 15:49	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 15:49	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 15:49	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 15:49	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 15:49	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 15:49	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 15:49	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 15:49	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 15:49	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 15:49	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 15:49	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 15:49	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 15:49	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 15:49	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 15:49	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 15:49	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 15:49	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 15:49	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 15:49	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 15:49	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-58
Date Collected: 08/25/16 09:01
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 15:49	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 15:49	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 15:49	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 15:49	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 15:49	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 15:49	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 15:49	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 15:49	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 15:49	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 15:49	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 15:49	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 15:49	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 15:49	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 15:49	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 15:49	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*09/01/16 15:49*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*09/01/16 15:49*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*09/01/16 15:49*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/01/16 11:21	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-67
Date Collected: 08/24/16 09:45
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 16:08	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 16:08	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 16:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 16:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 16:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 16:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 16:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 16:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 16:08	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 16:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 16:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 16:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 16:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 16:08	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 16:08	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 16:08	1
cis-1,2-Dichloroethene	**0.87**	**I**	1.0	0.65	ug/L			09/01/16 16:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 16:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 16:08	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 16:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 16:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 16:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 16:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 16:08	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 16:08	1
1,1-Dichloroethane	**1.2**		1.0	0.52	ug/L			09/01/16 16:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 16:08	1
1,1-Dichloroethene	**3.8**		1.0	0.67	ug/L			09/01/16 16:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 16:08	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 16:08	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 16:08	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 16:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 16:08	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 16:08	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 16:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 16:08	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 16:08	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 16:08	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 16:08	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 16:08	1
Methyl tert-butyl ether	**0.47**	**I**	1.0	0.44	ug/L			09/01/16 16:08	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 16:08	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 16:08	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 16:08	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 16:08	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 16:08	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 16:08	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 16:08	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 16:08	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-67
Date Collected: 08/24/16 09:45
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 16:08	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 16:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 16:08	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 16:08	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 16:08	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 16:08	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 16:08	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 16:08	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 16:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 16:08	1
Trichloroethene	**9.0**		1.0	0.61	ug/L			09/01/16 16:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 16:08	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 16:08	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 16:08	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 16:08	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*09/01/16 16:08*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*09/01/16 16:08*	*1*
Toluene-d8 (Surr)	*115*		*70 - 130*		*09/01/16 16:08*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**	**I**	2.0	1.0	ug/L			09/01/16 11:40	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-70
Date Collected: 08/26/16 08:45
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 14:33	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 14:33	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 14:33	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 14:33	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 14:33	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 14:33	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 14:33	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 14:33	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 14:33	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 14:33	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 14:33	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 14:33	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 14:33	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 14:33	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 14:33	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 14:33	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 14:33	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 14:33	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 14:33	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 14:33	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 14:33	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 14:33	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 14:33	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 14:33	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 14:33	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 14:33	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 14:33	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 14:33	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 14:33	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 14:33	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 14:33	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 14:33	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 14:33	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 14:33	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 14:33	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 14:33	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 14:33	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 14:33	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 14:33	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 14:33	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 14:33	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 14:33	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 14:33	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 14:33	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 14:33	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 14:33	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 14:33	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 14:33	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 14:33	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-70
Date Collected: 08/26/16 08:45
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 14:33	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 14:33	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 14:33	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 14:33	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 14:33	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 14:33	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 14:33	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 14:33	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 14:33	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 14:33	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/02/16 14:33	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 14:33	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 14:33	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 14:33	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 14:33	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*09/02/16 14:33*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*09/02/16 14:33*	*1*
Toluene-d8 (Surr)	*114*		*70 - 130*		*09/02/16 14:33*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/01/16 11:59	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-71
Date Collected: 08/25/16 15:15
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 14:52	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 14:52	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 14:52	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 14:52	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 14:52	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 14:52	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 14:52	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 14:52	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 14:52	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 14:52	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 14:52	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 14:52	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 14:52	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 14:52	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 14:52	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 14:52	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 14:52	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 14:52	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 14:52	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 14:52	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 14:52	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 14:52	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 14:52	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 14:52	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 14:52	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 14:52	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 14:52	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 14:52	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 14:52	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 14:52	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 14:52	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 14:52	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 14:52	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 14:52	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 14:52	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 14:52	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 14:52	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 14:52	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 14:52	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 14:52	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 14:52	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 14:52	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 14:52	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 14:52	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 14:52	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 14:52	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 14:52	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 14:52	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 14:52	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-71
Date Collected: 08/25/16 15:15
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 14:52	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 14:52	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 14:52	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 14:52	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 14:52	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 14:52	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 14:52	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 14:52	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 14:52	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 14:52	1
Trichloroethene	**5.0**		1.0	0.61	ug/L			09/02/16 14:52	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 14:52	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 14:52	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 14:52	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 14:52	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*70 - 130*		*09/02/16 14:52*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*09/02/16 14:52*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*		*09/02/16 14:52*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/01/16 12:17	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-78
Date Collected: 08/24/16 09:05
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 15:10	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 15:10	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 15:10	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 15:10	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 15:10	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 15:10	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 15:10	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 15:10	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 15:10	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 15:10	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 15:10	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 15:10	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 15:10	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 15:10	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 15:10	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 15:10	1
cis-1,2-Dichloroethene	**2.3**		1.0	0.65	ug/L			09/02/16 15:10	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 15:10	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 15:10	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 15:10	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 15:10	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 15:10	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 15:10	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 15:10	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 15:10	1
1,1-Dichloroethane	**3.2**		1.0	0.52	ug/L			09/02/16 15:10	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 15:10	1
1,1-Dichloroethene	**4.9**		1.0	0.67	ug/L			09/02/16 15:10	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 15:10	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 15:10	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 15:10	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 15:10	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 15:10	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 15:10	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 15:10	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 15:10	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 15:10	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 15:10	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 15:10	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 15:10	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 15:10	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 15:10	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 15:10	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 15:10	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 15:10	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 15:10	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 15:10	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 15:10	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 15:10	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-78
Date Collected: 08/24/16 09:05
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 15:10	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 15:10	1
Tetrachloroethene	**26**		1.0	0.50	ug/L			09/02/16 15:10	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 15:10	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 15:10	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 15:10	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 15:10	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 15:10	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 15:10	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 15:10	1
Trichloroethene	**6.8**		1.0	0.61	ug/L			09/02/16 15:10	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 15:10	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 15:10	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 15:10	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 15:10	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*09/02/16 15:10*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*09/02/16 15:10*	*1*
Toluene-d8 (Surr)	*119*		*70 - 130*		*09/02/16 15:10*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.6**	**I**	2.0	1.0	ug/L			09/01/16 12:36	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-81
Date Collected: 08/24/16 09:00
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 18:44	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 18:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 18:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 18:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 18:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 18:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 18:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 18:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 18:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 18:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 18:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 18:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 18:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 18:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 18:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 18:44	1
cis-1,2-Dichloroethene	**24**		1.0	0.65	ug/L			09/01/16 18:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 18:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 18:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 18:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 18:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 18:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 18:44	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 18:44	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 18:44	1
1,1-Dichloroethane	**13**		1.0	0.52	ug/L			09/01/16 18:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 18:44	1
1,1-Dichloroethene	**53**		1.0	0.67	ug/L			09/01/16 18:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 18:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 18:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 18:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 18:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 18:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 18:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 18:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 18:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 18:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 18:44	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 18:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 18:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 18:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 18:44	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 18:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 18:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 18:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 18:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 18:44	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 18:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 18:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-81
Date Collected: 08/24/16 09:00
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 18:44	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 18:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 18:44	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 18:44	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 18:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 18:44	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 18:44	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 18:44	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 18:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 18:44	1
Trichloroethene	**5.5**		1.0	0.61	ug/L			09/01/16 18:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 18:44	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 18:44	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 18:44	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 18:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*09/01/16 18:44*	*1*
Dibromofluoromethane	*114*		*70 - 130*		*09/01/16 18:44*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/01/16 18:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**150**		10	5.0	ug/L			09/02/16 18:05	5

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-86R
Date Collected: 08/24/16 11:01
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 15:29	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 15:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 15:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 15:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 15:29	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 15:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 15:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 15:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 15:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 15:29	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 15:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 15:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 15:29	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 15:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 15:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 15:29	1
cis-1,2-Dichloroethene	**0.68**	**I**	1.0	0.65	ug/L			09/02/16 15:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 15:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 15:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 15:29	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 15:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 15:29	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 15:29	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 15:29	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 15:29	1
1,1-Dichloroethane	**11**		1.0	0.52	ug/L			09/02/16 15:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 15:29	1
1,1-Dichloroethene	**11**		1.0	0.67	ug/L			09/02/16 15:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 15:29	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 15:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 15:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 15:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 15:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 15:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 15:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 15:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 15:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 15:29	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 15:29	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 15:29	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 15:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 15:29	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 15:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 15:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 15:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 15:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 15:29	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 15:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 15:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-86R
Date Collected: 08/24/16 11:01
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 15:29	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 15:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 15:29	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 15:29	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 15:29	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 15:29	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 15:29	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 15:29	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 15:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 15:29	1
Trichloroethene	**1.1**		1.0	0.61	ug/L			09/02/16 15:29	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 15:29	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 15:29	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 15:29	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 15:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*09/02/16 15:29*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*09/02/16 15:29*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/02/16 15:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**51**		2.0	1.0	ug/L			09/01/16 13:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-110R
Date Collected: 08/24/16 12:00
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 16:45	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 16:45	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 16:45	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 16:45	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 16:45	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 16:45	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 16:45	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 16:45	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 16:45	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 16:45	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 16:45	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 16:45	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 16:45	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 16:45	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 16:45	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 16:45	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 16:45	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 16:45	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 16:45	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 16:45	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 16:45	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 16:45	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 16:45	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 16:45	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 16:45	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 16:45	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 16:45	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 16:45	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 16:45	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 16:45	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 16:45	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 16:45	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 16:45	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 16:45	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 16:45	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 16:45	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 16:45	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 16:45	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 16:45	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 16:45	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 16:45	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 16:45	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 16:45	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 16:45	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 16:45	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 16:45	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 16:45	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 16:45	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 16:45	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-110R
Date Collected: 08/24/16 12:00
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 16:45	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 16:45	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 16:45	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 16:45	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 16:45	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 16:45	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 16:45	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 16:45	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 16:45	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 16:45	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 16:45	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 16:45	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 16:45	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 16:45	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 16:45	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*09/01/16 16:45*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*09/01/16 16:45*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/01/16 16:45*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/01/16 13:32	1

Client Sample ID: MW-127
Date Collected: 08/26/16 07:59
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 19:23	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 19:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 19:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 19:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 19:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 19:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 19:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 19:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 19:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 19:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 19:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 19:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 19:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 19:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 19:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 19:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 19:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 19:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 19:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 19:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 19:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 19:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 19:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 19:23	1
1,1-Dichloroethane	**14**		1.0	0.52	ug/L			09/01/16 19:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 19:23	1
1,1-Dichloroethene	**65**		1.0	0.67	ug/L			09/01/16 19:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 19:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 19:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 19:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 19:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 19:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 19:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 19:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 19:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 19:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 19:23	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 19:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 19:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 19:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 19:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 19:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 19:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 19:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 19:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 19:23	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 19:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 19:23	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 19:23	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-127
Date Collected: 08/26/16 07:59
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 19:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 19:23	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 19:23	1
trans-1,2-Dichloroethene	**4.1**		1.0	0.67	ug/L			09/01/16 19:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 19:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 19:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 19:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 19:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 19:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 19:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 19:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 19:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*09/01/16 19:23*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*09/01/16 19:23*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/01/16 19:23*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**470**		10	6.5	ug/L			09/01/16 19:03	10
Trichloroethene	**140**		10	6.1	ug/L			09/01/16 19:03	10
Vinyl chloride	**110**		10	7.1	ug/L			09/01/16 19:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*09/01/16 19:03*	*10*
Dibromofluoromethane	*113*		*70 - 130*		*09/01/16 19:03*	*10*
Toluene-d8 (Surr)	*106*		*70 - 130*		*09/01/16 19:03*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**80**		2.0	1.0	ug/L			09/01/16 13:51	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-128
Date Collected: 08/25/16 10:51
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 17:05	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 17:05	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 17:05	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 17:05	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 17:05	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 17:05	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 17:05	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 17:05	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 17:05	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 17:05	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 17:05	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 17:05	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 17:05	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 17:05	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 17:05	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 17:05	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.65	ug/L			09/01/16 17:05	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 17:05	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 17:05	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 17:05	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 17:05	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 17:05	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 17:05	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 17:05	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 17:05	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 17:05	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 17:05	1
1,1-Dichloroethene	**1.0**		1.0	0.67	ug/L			09/01/16 17:05	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 17:05	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 17:05	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 17:05	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 17:05	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 17:05	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 17:05	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 17:05	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 17:05	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 17:05	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 17:05	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 17:05	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 17:05	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 17:05	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 17:05	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 17:05	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 17:05	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 17:05	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 17:05	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 17:05	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 17:05	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 17:05	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-128
Date Collected: 08/25/16 10:51
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 17:05	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 17:05	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 17:05	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 17:05	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 17:05	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 17:05	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 17:05	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 17:05	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 17:05	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 17:05	1
Trichloroethene	**3.7**		1.0	0.61	ug/L			09/01/16 17:05	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 17:05	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 17:05	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 17:05	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 17:05	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*09/01/16 17:05*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*09/01/16 17:05*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/01/16 17:05*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.0**		2.0	1.0	ug/L			09/01/16 14:10	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-128 (DUP)
Date Collected: 08/25/16 10:55
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 18:24	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 18:24	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 18:24	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 18:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 18:24	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 18:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 18:24	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 18:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 18:24	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 18:24	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 18:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 18:24	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 18:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 18:24	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 18:24	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 18:24	1
cis-1,2-Dichloroethene	**0.97**	**I**	1.0	0.65	ug/L			09/01/16 18:24	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 18:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 18:24	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 18:24	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 18:24	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 18:24	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 18:24	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 18:24	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 18:24	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 18:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 18:24	1
1,1-Dichloroethene	**0.75**	**I**	1.0	0.67	ug/L			09/01/16 18:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 18:24	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 18:24	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 18:24	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 18:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 18:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 18:24	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 18:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 18:24	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 18:24	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 18:24	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 18:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 18:24	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 18:24	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 18:24	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 18:24	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 18:24	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 18:24	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 18:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 18:24	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 18:24	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 18:24	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-128 (DUP)
Date Collected: 08/25/16 10:55
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 18:24	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 18:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 18:24	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 18:24	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 18:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 18:24	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 18:24	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 18:24	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 18:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 18:24	1
Trichloroethene	**3.6**		1.0	0.61	ug/L			09/01/16 18:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 18:24	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 18:24	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 18:24	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 18:24	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/01/16 18:24*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*09/01/16 18:24*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/01/16 18:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.3**		2.0	1.0	ug/L			09/01/16 15:26	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-129
Date Collected: 08/25/16 09:50
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 11:44	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 11:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 11:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 11:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 11:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 11:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 11:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 11:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 11:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 11:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 11:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 11:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 11:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 11:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 11:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 11:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 11:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 11:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 11:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 11:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 11:44	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 11:44	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:44	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 11:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 11:44	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 11:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 11:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 11:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 11:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 11:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 11:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 11:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 11:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 11:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 11:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 11:44	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 11:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 11:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 11:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 11:44	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 11:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 11:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 11:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 11:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 11:44	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 11:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 11:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-129
Date Collected: 08/25/16 09:50
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 11:44	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 11:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 11:44	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 11:44	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 11:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 11:44	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 11:44	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 11:44	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 11:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 11:44	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/02/16 11:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:44	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 11:44	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 11:44	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 11:44	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*09/02/16 11:44*	*1*
Dibromofluoromethane	*117*		*70 - 130*		*09/02/16 11:44*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*09/02/16 11:44*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.0**	**I**	2.0	1.0	ug/L			09/01/16 15:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-130
Date Collected: 08/26/16 08:15
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 12:24	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 12:24	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 12:24	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 12:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:24	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 12:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 12:24	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 12:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 12:24	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 12:24	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 12:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:24	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 12:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 12:24	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 12:24	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 12:24	1
cis-1,2-Dichloroethene	**1.1**		1.0	0.65	ug/L			09/02/16 12:24	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 12:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 12:24	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 12:24	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 12:24	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 12:24	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 12:24	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 12:24	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:24	1
1,1-Dichloroethane	**8.0**		1.0	0.52	ug/L			09/02/16 12:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 12:24	1
1,1-Dichloroethene	**28**		1.0	0.67	ug/L			09/02/16 12:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 12:24	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 12:24	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 12:24	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 12:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 12:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 12:24	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 12:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 12:24	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 12:24	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 12:24	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 12:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 12:24	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 12:24	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 12:24	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 12:24	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 12:24	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 12:24	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 12:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 12:24	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 12:24	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 12:24	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-130
Date Collected: 08/26/16 08:15
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 12:24	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 12:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 12:24	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 12:24	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 12:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 12:24	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 12:24	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 12:24	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 12:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 12:24	1
Trichloroethene	**3.4**		1.0	0.61	ug/L			09/02/16 12:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:24	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 12:24	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 12:24	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 12:24	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*09/02/16 12:24*	*1*
Dibromofluoromethane	*115*		*70 - 130*		*09/02/16 12:24*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/02/16 12:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**68**		2.0	1.0	ug/L			09/01/16 16:03	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-134
Date Collected: 08/24/16 10:54
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 13:23	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 13:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 13:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 13:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 13:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 13:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 13:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 13:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 13:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 13:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 13:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 13:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 13:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 13:23	1
cis-1,2-Dichloroethene	**24**		1.0	0.65	ug/L			09/02/16 13:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 13:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 13:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 13:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 13:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 13:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 13:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 13:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:23	1
1,1-Dichloroethane	**9.8**		1.0	0.52	ug/L			09/02/16 13:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 13:23	1
1,1-Dichloroethene	**17**		1.0	0.67	ug/L			09/02/16 13:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 13:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 13:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 13:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 13:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 13:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 13:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 13:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 13:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 13:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 13:23	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 13:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 13:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 13:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 13:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 13:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 13:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 13:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 13:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 13:23	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 13:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 13:23	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-134
Date Collected: 08/24/16 10:54
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 13:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 13:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 13:23	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 13:23	1
trans-1,2-Dichloroethene	**1.5**		1.0	0.67	ug/L			09/02/16 13:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 13:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 13:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 13:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 13:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 13:23	1
Trichloroethene	**8.7**		1.0	0.61	ug/L			09/02/16 13:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 13:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 13:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 13:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*09/02/16 13:23*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*09/02/16 13:23*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*09/02/16 13:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**69**	**J3**	2.0	1.0	ug/L			09/01/16 16:21	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-134 (DUP)
Date Collected: 08/24/16 10:59
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 12:43	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 12:43	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 12:43	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 12:43	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:43	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 12:43	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 12:43	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 12:43	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 12:43	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 12:43	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 12:43	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:43	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 12:43	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 12:43	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 12:43	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 12:43	1
cis-1,2-Dichloroethene	**27**		1.0	0.65	ug/L			09/02/16 12:43	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 12:43	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 12:43	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 12:43	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 12:43	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 12:43	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 12:43	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 12:43	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:43	1
1,1-Dichloroethane	**11**		1.0	0.52	ug/L			09/02/16 12:43	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 12:43	1
1,1-Dichloroethene	**19**		1.0	0.67	ug/L			09/02/16 12:43	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 12:43	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 12:43	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 12:43	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 12:43	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 12:43	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 12:43	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 12:43	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 12:43	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 12:43	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 12:43	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 12:43	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 12:43	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 12:43	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 12:43	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 12:43	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 12:43	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 12:43	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 12:43	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 12:43	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 12:43	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 12:43	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-134 (DUP)
Date Collected: 08/24/16 10:59
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 12:43	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 12:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 12:43	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 12:43	1
trans-1,2-Dichloroethene	**1.3**		1.0	0.67	ug/L			09/02/16 12:43	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 12:43	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 12:43	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 12:43	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 12:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 12:43	1
Trichloroethene	**9.7**		1.0	0.61	ug/L			09/02/16 12:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:43	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 12:43	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 12:43	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 12:43	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*09/02/16 12:43*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*09/02/16 12:43*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/02/16 12:43*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**71**		2.0	1.0	ug/L			09/01/16 17:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-252
Date Collected: 08/25/16 11:15
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 12:04	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 12:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 12:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 12:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:04	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 12:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 12:04	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 12:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 12:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 12:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 12:04	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 12:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 12:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 12:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 12:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 12:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 12:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 12:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 12:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 12:04	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 12:04	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 12:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 12:04	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:04	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 12:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 12:04	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 12:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 12:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 12:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 12:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 12:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 12:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 12:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 12:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 12:04	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 12:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 12:04	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 12:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 12:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 12:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 12:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 12:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 12:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 12:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 12:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 12:04	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 12:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 12:04	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-252
Date Collected: 08/25/16 11:15
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 12:04	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 12:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 12:04	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 12:04	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 12:04	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 12:04	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 12:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 12:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 12:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 12:04	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/02/16 12:04	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 12:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 12:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 12:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*09/02/16 12:04*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*09/02/16 12:04*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/02/16 12:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/01/16 17:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: PZ-LSAS-1
Date Collected: 08/25/16 13:20
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 16:20	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 16:20	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 16:20	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 16:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 16:20	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 16:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 16:20	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 16:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 16:20	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 16:20	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 16:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 16:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 16:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 16:20	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 16:20	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 16:20	1
cis-1,2-Dichloroethene	**16**		1.0	0.65	ug/L			09/02/16 16:20	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 16:20	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 16:20	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 16:20	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 16:20	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 16:20	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 16:20	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 16:20	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 16:20	1
1,1-Dichloroethane	**17**		1.0	0.52	ug/L			09/02/16 16:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 16:20	1
1,1-Dichloroethene	**14**		1.0	0.67	ug/L			09/02/16 16:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 16:20	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 16:20	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 16:20	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 16:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 16:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 16:20	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 16:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 16:20	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 16:20	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 16:20	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 16:20	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 16:20	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 16:20	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 16:20	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 16:20	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 16:20	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 16:20	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 16:20	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 16:20	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 16:20	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 16:20	1

Client Sample ID: PZ-LSAS-1
Date Collected: 08/25/16 13:20
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 16:20	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 16:20	1
Tetrachloroethene	**3.9**		1.0	0.50	ug/L			09/02/16 16:20	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 16:20	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 16:20	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 16:20	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 16:20	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 16:20	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 16:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 16:20	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 16:20	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 16:20	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 16:20	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 16:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/02/16 16:20*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*09/02/16 16:20*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*09/02/16 16:20*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**220**		5.0	3.1	ug/L			09/02/16 16:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*09/02/16 16:00*	*5*
Dibromofluoromethane	*107*		*70 - 130*		*09/02/16 16:00*	*5*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/02/16 16:00*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**73**	**J3**	2.0	1.0	ug/L			09/02/16 11:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: PZ-LSAS-2
Date Collected: 08/25/16 12:35
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	40	20	ug/L			09/02/16 16:59	2
Benzene	1.0	U	2.0	1.0	ug/L			09/02/16 16:59	2
Bromobenzene	1.2	U	2.0	1.2	ug/L			09/02/16 16:59	2
Bromoform	1.3	U	2.0	1.3	ug/L			09/02/16 16:59	2
Bromomethane	5.0	U	10	5.0	ug/L			09/02/16 16:59	2
2-Butanone (MEK)	17	U	20	17	ug/L			09/02/16 16:59	2
Carbon disulfide	2.0	U	4.0	2.0	ug/L			09/02/16 16:59	2
Carbon tetrachloride	0.86	U	2.0	0.86	ug/L			09/02/16 16:59	2
Chlorobenzene	1.3	U	2.0	1.3	ug/L			09/02/16 16:59	2
Chlorobromomethane	1.2	U	2.0	1.2	ug/L			09/02/16 16:59	2
Chlorodibromomethane	0.62	U	2.0	0.62	ug/L			09/02/16 16:59	2
Chloroethane	5.0	U	10	5.0	ug/L			09/02/16 16:59	2
Chloroform	1.8	U	2.0	1.8	ug/L			09/02/16 16:59	2
Chloromethane	2.0	U	8.0	2.0	ug/L			09/02/16 16:59	2
2-Chlorotoluene	1.3	U	2.0	1.3	ug/L			09/02/16 16:59	2
4-Chlorotoluene	1.0	U	2.0	1.0	ug/L			09/02/16 16:59	2
cis-1,2-Dichloroethene	**39**		2.0	1.3	ug/L			09/02/16 16:59	2
cis-1,3-Dichloropropene	0.78	U	2.0	0.78	ug/L			09/02/16 16:59	2
1,2-Dibromo-3-Chloropropane	5.0	U	10	5.0	ug/L			09/02/16 16:59	2
Dibromomethane	0.92	U	2.0	0.92	ug/L			09/02/16 16:59	2
1,2-Dichlorobenzene	0.98	U	2.0	0.98	ug/L			09/02/16 16:59	2
1,3-Dichlorobenzene	1.3	U	2.0	1.3	ug/L			09/02/16 16:59	2
1,4-Dichlorobenzene	1.2	U	2.0	1.2	ug/L			09/02/16 16:59	2
Dichlorobromomethane	0.88	U	2.0	0.88	ug/L			09/02/16 16:59	2
Dichlorodifluoromethane	5.0	U	10	5.0	ug/L			09/02/16 16:59	2
1,1-Dichloroethane	**2.3**		2.0	1.0	ug/L			09/02/16 16:59	2
1,2-Dichloroethane	1.1	U	2.0	1.1	ug/L			09/02/16 16:59	2
1,1-Dichloroethene	**9.4**		2.0	1.3	ug/L			09/02/16 16:59	2
1,2-Dichloropropane	1.0	U	2.0	1.0	ug/L			09/02/16 16:59	2
1,3-Dichloropropane	0.84	U	2.0	0.84	ug/L			09/02/16 16:59	2
2,2-Dichloropropane	0.72	U	2.0	0.72	ug/L			09/02/16 16:59	2
1,1-Dichloropropene	1.3	U	2.0	1.3	ug/L			09/02/16 16:59	2
Ethylbenzene	0.88	U	2.0	0.88	ug/L			09/02/16 16:59	2
Ethylene Dibromide	1.0	U	2.0	1.0	ug/L			09/02/16 16:59	2
Hexachlorobutadiene	0.68	U	2.0	0.68	ug/L			09/02/16 16:59	2
2-Hexanone	8.8	U	20	8.8	ug/L			09/02/16 16:59	2
Isopropylbenzene	1.0	U	2.0	1.0	ug/L			09/02/16 16:59	2
4-Isopropyltoluene	1.4	U	2.0	1.4	ug/L			09/02/16 16:59	2
Methylene Chloride	10	U	20	10	ug/L			09/02/16 16:59	2
4-Methyl-2-pentanone (MIBK)	8.0	U	20	8.0	ug/L			09/02/16 16:59	2
Methyl tert-butyl ether	0.88	U	2.0	0.88	ug/L			09/02/16 16:59	2
m-Xylene & p-Xylene	1.2	U	4.0	1.2	ug/L			09/02/16 16:59	2
Naphthalene	5.0	U	10	5.0	ug/L			09/02/16 16:59	2
n-Butylbenzene	1.3	U	2.0	1.3	ug/L			09/02/16 16:59	2
N-Propylbenzene	1.2	U	2.0	1.2	ug/L			09/02/16 16:59	2
o-Xylene	1.0	U	2.0	1.0	ug/L			09/02/16 16:59	2
sec-Butylbenzene	1.3	U	2.0	1.3	ug/L			09/02/16 16:59	2
Styrene	2.0	U	4.0	2.0	ug/L			09/02/16 16:59	2
tert-Butylbenzene	1.7	U	2.0	1.7	ug/L			09/02/16 16:59	2

Client Sample ID: PZ-LSAS-2
Date Collected: 08/25/16 12:35
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.3	U	2.0	1.3	ug/L			09/02/16 16:59	2
1,1,2,2-Tetrachloroethane	0.34	U	2.0	0.34	ug/L			09/02/16 16:59	2
Tetrachloroethene	**110**		2.0	1.0	ug/L			09/02/16 16:59	2
Toluene	1.0	U	2.0	1.0	ug/L			09/02/16 16:59	2
trans-1,2-Dichloroethene	1.3	U	2.0	1.3	ug/L			09/02/16 16:59	2
trans-1,3-Dichloropropene	0.54	U	2.0	0.54	ug/L			09/02/16 16:59	2
1,2,3-Trichlorobenzene	1.5	U	2.0	1.5	ug/L			09/02/16 16:59	2
1,2,4-Trichlorobenzene	1.2	U	2.0	1.2	ug/L			09/02/16 16:59	2
1,1,1-Trichloroethane	0.94	U	2.0	0.94	ug/L			09/02/16 16:59	2
1,1,2-Trichloroethane	0.94	U	2.0	0.94	ug/L			09/02/16 16:59	2
Trichlorofluoromethane	5.0	U	10	5.0	ug/L			09/02/16 16:59	2
1,2,3-Trichloropropane	0.88	U	2.0	0.88	ug/L			09/02/16 16:59	2
1,2,4-Trimethylbenzene	1.7	U	2.0	1.7	ug/L			09/02/16 16:59	2
1,3,5-Trimethylbenzene	1.1	U	2.0	1.1	ug/L			09/02/16 16:59	2
Vinyl chloride	1.4	U	2.0	1.4	ug/L			09/02/16 16:59	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/02/16 16:59*	*2*
Dibromofluoromethane	*102*		*70 - 130*		*09/02/16 16:59*	*2*
Toluene-d8 (Surr)	*95*		*70 - 130*		*09/02/16 16:59*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**1000**		20	12	ug/L			09/02/16 15:41	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*09/02/16 15:41*	*20*
Dibromofluoromethane	*113*		*70 - 130*		*09/02/16 15:41*	*20*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/02/16 15:41*	*20*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**13**		2.0	1.0	ug/L			09/02/16 13:03	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: PZ-LSAS-4
Date Collected: 08/25/16 14:45
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	40	20	ug/L			09/02/16 17:39	2
Benzene	1.0	U	2.0	1.0	ug/L			09/02/16 17:39	2
Bromobenzene	1.2	U	2.0	1.2	ug/L			09/02/16 17:39	2
Bromoform	1.3	U	2.0	1.3	ug/L			09/02/16 17:39	2
Bromomethane	5.0	U	10	5.0	ug/L			09/02/16 17:39	2
2-Butanone (MEK)	17	U	20	17	ug/L			09/02/16 17:39	2
Carbon disulfide	2.0	U	4.0	2.0	ug/L			09/02/16 17:39	2
Carbon tetrachloride	0.86	U	2.0	0.86	ug/L			09/02/16 17:39	2
Chlorobenzene	1.3	U	2.0	1.3	ug/L			09/02/16 17:39	2
Chlorobromomethane	1.2	U	2.0	1.2	ug/L			09/02/16 17:39	2
Chlorodibromomethane	0.62	U	2.0	0.62	ug/L			09/02/16 17:39	2
Chloroethane	5.0	U	10	5.0	ug/L			09/02/16 17:39	2
Chloroform	1.8	U	2.0	1.8	ug/L			09/02/16 17:39	2
Chloromethane	2.0	U	8.0	2.0	ug/L			09/02/16 17:39	2
2-Chlorotoluene	1.3	U	2.0	1.3	ug/L			09/02/16 17:39	2
4-Chlorotoluene	1.0	U	2.0	1.0	ug/L			09/02/16 17:39	2
cis-1,2-Dichloroethene	**75**		2.0	1.3	ug/L			09/02/16 17:39	2
cis-1,3-Dichloropropene	0.78	U	2.0	0.78	ug/L			09/02/16 17:39	2
1,2-Dibromo-3-Chloropropane	5.0	U	10	5.0	ug/L			09/02/16 17:39	2
Dibromomethane	0.92	U	2.0	0.92	ug/L			09/02/16 17:39	2
1,2-Dichlorobenzene	0.98	U	2.0	0.98	ug/L			09/02/16 17:39	2
1,3-Dichlorobenzene	1.3	U	2.0	1.3	ug/L			09/02/16 17:39	2
1,4-Dichlorobenzene	1.2	U	2.0	1.2	ug/L			09/02/16 17:39	2
Dichlorobromomethane	0.88	U	2.0	0.88	ug/L			09/02/16 17:39	2
Dichlorodifluoromethane	5.0	U	10	5.0	ug/L			09/02/16 17:39	2
1,1-Dichloroethane	**3.5**		2.0	1.0	ug/L			09/02/16 17:39	2
1,2-Dichloroethane	1.1	U	2.0	1.1	ug/L			09/02/16 17:39	2
1,1-Dichloroethene	**8.9**		2.0	1.3	ug/L			09/02/16 17:39	2
1,2-Dichloropropane	1.0	U	2.0	1.0	ug/L			09/02/16 17:39	2
1,3-Dichloropropane	0.84	U	2.0	0.84	ug/L			09/02/16 17:39	2
2,2-Dichloropropane	0.72	U	2.0	0.72	ug/L			09/02/16 17:39	2
1,1-Dichloropropene	1.3	U	2.0	1.3	ug/L			09/02/16 17:39	2
Ethylbenzene	0.88	U	2.0	0.88	ug/L			09/02/16 17:39	2
Ethylene Dibromide	1.0	U	2.0	1.0	ug/L			09/02/16 17:39	2
Hexachlorobutadiene	0.68	U	2.0	0.68	ug/L			09/02/16 17:39	2
2-Hexanone	8.8	U	20	8.8	ug/L			09/02/16 17:39	2
Isopropylbenzene	1.0	U	2.0	1.0	ug/L			09/02/16 17:39	2
4-Isopropyltoluene	1.4	U	2.0	1.4	ug/L			09/02/16 17:39	2
Methylene Chloride	10	U	20	10	ug/L			09/02/16 17:39	2
4-Methyl-2-pentanone (MIBK)	8.0	U	20	8.0	ug/L			09/02/16 17:39	2
Methyl tert-butyl ether	0.88	U	2.0	0.88	ug/L			09/02/16 17:39	2
m-Xylene & p-Xylene	1.2	U	4.0	1.2	ug/L			09/02/16 17:39	2
Naphthalene	5.0	U	10	5.0	ug/L			09/02/16 17:39	2
n-Butylbenzene	1.3	U	2.0	1.3	ug/L			09/02/16 17:39	2
N-Propylbenzene	1.2	U	2.0	1.2	ug/L			09/02/16 17:39	2
o-Xylene	1.0	U	2.0	1.0	ug/L			09/02/16 17:39	2
sec-Butylbenzene	1.3	U	2.0	1.3	ug/L			09/02/16 17:39	2
Styrene	2.0	U	4.0	2.0	ug/L			09/02/16 17:39	2
tert-Butylbenzene	1.7	U	2.0	1.7	ug/L			09/02/16 17:39	2

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: PZ-LSAS-4
Date Collected: 08/25/16 14:45
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.3	U	2.0	1.3	ug/L			09/02/16 17:39	2
1,1,2,2-Tetrachloroethane	0.34	U	2.0	0.34	ug/L			09/02/16 17:39	2
Tetrachloroethene	**20**		2.0	1.0	ug/L			09/02/16 17:39	2
Toluene	1.0	U	2.0	1.0	ug/L			09/02/16 17:39	2
trans-1,2-Dichloroethene	1.3	U	2.0	1.3	ug/L			09/02/16 17:39	2
trans-1,3-Dichloropropene	0.54	U	2.0	0.54	ug/L			09/02/16 17:39	2
1,2,3-Trichlorobenzene	1.5	U	2.0	1.5	ug/L			09/02/16 17:39	2
1,2,4-Trichlorobenzene	1.2	U	2.0	1.2	ug/L			09/02/16 17:39	2
1,1,1-Trichloroethane	0.94	U	2.0	0.94	ug/L			09/02/16 17:39	2
1,1,2-Trichloroethane	0.94	U	2.0	0.94	ug/L			09/02/16 17:39	2
Trichlorofluoromethane	5.0	U	10	5.0	ug/L			09/02/16 17:39	2
1,2,3-Trichloropropane	0.88	U	2.0	0.88	ug/L			09/02/16 17:39	2
1,2,4-Trimethylbenzene	1.7	U	2.0	1.7	ug/L			09/02/16 17:39	2
1,3,5-Trimethylbenzene	1.1	U	2.0	1.1	ug/L			09/02/16 17:39	2
Vinyl chloride	1.4	U	2.0	1.4	ug/L			09/02/16 17:39	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*09/02/16 17:39*	*2*
Dibromofluoromethane	*103*		*70 - 130*		*09/02/16 17:39*	*2*
Toluene-d8 (Surr)	*95*		*70 - 130*		*09/02/16 17:39*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**730**		20	12	ug/L			09/02/16 15:21	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*09/02/16 15:21*	*20*
Dibromofluoromethane	*104*		*70 - 130*		*09/02/16 15:21*	*20*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/02/16 15:21*	*20*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**15**		2.0	1.0	ug/L			09/02/16 13:21	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: PZ-LSAS-5
Date Collected: 08/25/16 13:40
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 18:18	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 18:18	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 18:18	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 18:18	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 18:18	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 18:18	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 18:18	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 18:18	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 18:18	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 18:18	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 18:18	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 18:18	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 18:18	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 18:18	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 18:18	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 18:18	1
cis-1,2-Dichloroethene	**18**		1.0	0.65	ug/L			09/02/16 18:18	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 18:18	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 18:18	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 18:18	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 18:18	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 18:18	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 18:18	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 18:18	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 18:18	1
1,1-Dichloroethane	**2.5**		1.0	0.52	ug/L			09/02/16 18:18	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 18:18	1
1,1-Dichloroethene	**4.4**		1.0	0.67	ug/L			09/02/16 18:18	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 18:18	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 18:18	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 18:18	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 18:18	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 18:18	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 18:18	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 18:18	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 18:18	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 18:18	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 18:18	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 18:18	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 18:18	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 18:18	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 18:18	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 18:18	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 18:18	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 18:18	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 18:18	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 18:18	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 18:18	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 18:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: PZ-LSAS-5
Date Collected: 08/25/16 13:40
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 18:18	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 18:18	1
Tetrachloroethene	**5.2**		1.0	0.50	ug/L			09/02/16 18:18	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 18:18	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 18:18	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 18:18	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 18:18	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 18:18	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 18:18	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 18:18	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 18:18	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 18:18	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 18:18	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 18:18	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*09/02/16 18:18*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*09/02/16 18:18*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*09/02/16 18:18*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**270**		10	6.1	ug/L			09/02/16 15:01	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*09/02/16 15:01*	*10*
Dibromofluoromethane	*107*		*70 - 130*		*09/02/16 15:01*	*10*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/02/16 15:01*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.9**		2.0	1.0	ug/L			09/02/16 13:42	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: PZ-LSAS-6
Date Collected: 08/25/16 13:00
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 18:57	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 18:57	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 18:57	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 18:57	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 18:57	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 18:57	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 18:57	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 18:57	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 18:57	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 18:57	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 18:57	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 18:57	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 18:57	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 18:57	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 18:57	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 18:57	1
cis-1,2-Dichloroethene	**4.6**		1.0	0.65	ug/L			09/02/16 18:57	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 18:57	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 18:57	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 18:57	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 18:57	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 18:57	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 18:57	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 18:57	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 18:57	1
1,1-Dichloroethane	**5.7**		1.0	0.52	ug/L			09/02/16 18:57	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 18:57	1
1,1-Dichloroethene	**23**		1.0	0.67	ug/L			09/02/16 18:57	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 18:57	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 18:57	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 18:57	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 18:57	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 18:57	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 18:57	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 18:57	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 18:57	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 18:57	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 18:57	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 18:57	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 18:57	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 18:57	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 18:57	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 18:57	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 18:57	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 18:57	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 18:57	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 18:57	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 18:57	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 18:57	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: PZ-LSAS-6
Date Collected: 08/25/16 13:00
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 18:57	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 18:57	1
Tetrachloroethene	**1.9**		1.0	0.50	ug/L			09/02/16 18:57	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 18:57	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 18:57	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 18:57	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 18:57	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 18:57	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 18:57	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 18:57	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 18:57	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 18:57	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 18:57	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 18:57	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*09/02/16 18:57*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*09/02/16 18:57*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/02/16 18:57*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**110**		5.0	3.1	ug/L			09/02/16 14:42	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*09/02/16 14:42*	*5*
Dibromofluoromethane	*104*		*70 - 130*		*09/02/16 14:42*	*5*
Toluene-d8 (Surr)	*95*		*70 - 130*		*09/02/16 14:42*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.5**		2.0	1.0	ug/L			09/02/16 14:02	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: PZ-LSAS-7
Date Collected: 08/25/16 12:14
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 13:03	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 13:03	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 13:03	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 13:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:03	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 13:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 13:03	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 13:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 13:03	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 13:03	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 13:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 13:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 13:03	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 13:03	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 13:03	1
cis-1,2-Dichloroethene	**2.8**		1.0	0.65	ug/L			09/02/16 13:03	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 13:03	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 13:03	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 13:03	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 13:03	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 13:03	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 13:03	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 13:03	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:03	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 13:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 13:03	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 13:03	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 13:03	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 13:03	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 13:03	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 13:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 13:03	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 13:03	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 13:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 13:03	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 13:03	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 13:03	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 13:03	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 13:03	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 13:03	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 13:03	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 13:03	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 13:03	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 13:03	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 13:03	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 13:03	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 13:03	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 13:03	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: PZ-LSAS-7
Date Collected: 08/25/16 12:14
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 13:03	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 13:03	1
Tetrachloroethene	**0.60**	**I**	1.0	0.50	ug/L			09/02/16 13:03	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 13:03	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 13:03	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 13:03	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 13:03	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 13:03	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 13:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 13:03	1
Trichloroethene	**37**		1.0	0.61	ug/L			09/02/16 13:03	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:03	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 13:03	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 13:03	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 13:03	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*09/02/16 13:03*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*09/02/16 13:03*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/02/16 13:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 14:21	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK-42
Date Collected: 08/24/16 10:20
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 11:24	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 11:24	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 11:24	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 11:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:24	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 11:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 11:24	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 11:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 11:24	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 11:24	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 11:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:24	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 11:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 11:24	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 11:24	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 11:24	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 11:24	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 11:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 11:24	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 11:24	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 11:24	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 11:24	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 11:24	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 11:24	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:24	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 11:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 11:24	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 11:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 11:24	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 11:24	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 11:24	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 11:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 11:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 11:24	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 11:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 11:24	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 11:24	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 11:24	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 11:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 11:24	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 11:24	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 11:24	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 11:24	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 11:24	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 11:24	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 11:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 11:24	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 11:24	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 11:24	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK-42
Date Collected: 08/24/16 10:20
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 11:24	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 11:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 11:24	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 11:24	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 11:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 11:24	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 11:24	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 11:24	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 11:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 11:24	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/02/16 11:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:24	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 11:24	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 11:24	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 11:24	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 11:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*09/02/16 11:24*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*09/02/16 11:24*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*09/02/16 11:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 11:23	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK-43
Date Collected: 08/25/16 10:23
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 11:05	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 11:05	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 11:05	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 11:05	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:05	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 11:05	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 11:05	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 11:05	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 11:05	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 11:05	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 11:05	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:05	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 11:05	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 11:05	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 11:05	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 11:05	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 11:05	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 11:05	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 11:05	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 11:05	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 11:05	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 11:05	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 11:05	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 11:05	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:05	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 11:05	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 11:05	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 11:05	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 11:05	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 11:05	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 11:05	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 11:05	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 11:05	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 11:05	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 11:05	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 11:05	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 11:05	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 11:05	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 11:05	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 11:05	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 11:05	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 11:05	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 11:05	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 11:05	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 11:05	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 11:05	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 11:05	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 11:05	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 11:05	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: BLANK-43
Date Collected: 08/25/16 10:23
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 11:05	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 11:05	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 11:05	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 11:05	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 11:05	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 11:05	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 11:05	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 11:05	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 11:05	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 11:05	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/02/16 11:05	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:05	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 11:05	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 11:05	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 11:05	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 11:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*09/02/16 11:05*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*09/02/16 11:05*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/02/16 11:05*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 11:03	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: Trip Blank
Date Collected: 08/24/16 00:00
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 10:45	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 10:45	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 10:45	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 10:45	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 10:45	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 10:45	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 10:45	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 10:45	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 10:45	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 10:45	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 10:45	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 10:45	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 10:45	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 10:45	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 10:45	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 10:45	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 10:45	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 10:45	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 10:45	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 10:45	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 10:45	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 10:45	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 10:45	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 10:45	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 10:45	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 10:45	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 10:45	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 10:45	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 10:45	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 10:45	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 10:45	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 10:45	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 10:45	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 10:45	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 10:45	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 10:45	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 10:45	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 10:45	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 10:45	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 10:45	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 10:45	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 10:45	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 10:45	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 10:45	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 10:45	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 10:45	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 10:45	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 10:45	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 10:45	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: Trip Blank
Date Collected: 08/24/16 00:00
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 10:45	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 10:45	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 10:45	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 10:45	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 10:45	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 10:45	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 10:45	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 10:45	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 10:45	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 10:45	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/02/16 10:45	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 10:45	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 10:45	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 10:45	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 10:45	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 10:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*09/02/16 10:45*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*09/02/16 10:45*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/02/16 10:45*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 10:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-11R
Date Collected: 08/29/16 13:54
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 11:46	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 11:46	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 11:46	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 11:46	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:46	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 11:46	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 11:46	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 11:46	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 11:46	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 11:46	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 11:46	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:46	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 11:46	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 11:46	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 11:46	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 11:46	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 11:46	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 11:46	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 11:46	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 11:46	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 11:46	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 11:46	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 11:46	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 11:46	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:46	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 11:46	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 11:46	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 11:46	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 11:46	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 11:46	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 11:46	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 11:46	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 11:46	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 11:46	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 11:46	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 11:46	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 11:46	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 11:46	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 11:46	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 11:46	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 11:46	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 11:46	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 11:46	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 11:46	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 11:46	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 11:46	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 11:46	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 11:46	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 11:46	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-11R
Date Collected: 08/29/16 13:54
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 11:46	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 11:46	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 11:46	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 11:46	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 11:46	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 11:46	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 11:46	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 11:46	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 11:46	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 11:46	1
Trichloroethene	**0.77**	**I**	1.0	0.61	ug/L			09/02/16 11:46	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:46	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 11:46	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 11:46	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 11:46	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*09/02/16 11:46*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*09/02/16 11:46*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*09/02/16 11:46*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 14:39	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-19
Date Collected: 08/29/16 13:01
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 12:23	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 12:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 12:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 12:23	1
Bromomethane	2.5	U J3	5.0	2.5	ug/L			09/02/16 12:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 12:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 12:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 12:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 12:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 12:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 12:23	1
Chloroethane	2.5	U J3	5.0	2.5	ug/L			09/02/16 12:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 12:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 12:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 12:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 12:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 12:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 12:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 12:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 12:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 12:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 12:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 12:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 12:23	1
Dichlorodifluoromethane	2.5	U J3	5.0	2.5	ug/L			09/02/16 12:23	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 12:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 12:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 12:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 12:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 12:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 12:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 12:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 12:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 12:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 12:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 12:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 12:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 12:23	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 12:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 12:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 12:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 12:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 12:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 12:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 12:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 12:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 12:23	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 12:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 12:23	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-19
Date Collected: 08/29/16 13:01
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 12:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 12:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 12:23	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 12:23	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 12:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 12:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 12:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 12:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 12:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 12:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/02/16 12:23	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 12:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 12:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 12:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*09/02/16 12:23*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*09/02/16 12:23*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*09/02/16 12:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 14:58	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-32
Date Collected: 08/29/16 14:47
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 13:19	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 13:19	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 13:19	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 13:19	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:19	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 13:19	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 13:19	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 13:19	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 13:19	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 13:19	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 13:19	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:19	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 13:19	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 13:19	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 13:19	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 13:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 13:19	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 13:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 13:19	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 13:19	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 13:19	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 13:19	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 13:19	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 13:19	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:19	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 13:19	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 13:19	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 13:19	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 13:19	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 13:19	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 13:19	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 13:19	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 13:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 13:19	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 13:19	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 13:19	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 13:19	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 13:19	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 13:19	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 13:19	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 13:19	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 13:19	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 13:19	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 13:19	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 13:19	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 13:19	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 13:19	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 13:19	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 13:19	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-32
Date Collected: 08/29/16 14:47
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 13:19	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 13:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 13:19	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 13:19	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 13:19	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 13:19	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 13:19	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 13:19	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 13:19	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 13:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/02/16 13:19	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:19	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 13:19	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 13:19	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 13:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*09/02/16 13:19*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*09/02/16 13:19*	*1*
Toluene-d8 (Surr)	*114*		*70 - 130*		*09/02/16 13:19*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 15:16	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-36
Date Collected: 08/30/16 07:17
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 13:38	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 13:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 13:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 13:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 13:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 13:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 13:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 13:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 13:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 13:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 13:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 13:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 13:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 13:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 13:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 13:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 13:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 13:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 13:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 13:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 13:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 13:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 13:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 13:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 13:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 13:38	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 13:38	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 13:38	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 13:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 13:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 13:38	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 13:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 13:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 13:38	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 13:38	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 13:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 13:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 13:38	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 13:38	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 13:38	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 13:38	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 13:38	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 13:38	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 13:38	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 13:38	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 13:38	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-36
Date Collected: 08/30/16 07:17
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 13:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 13:38	1
Tetrachloroethene	**1.8**		1.0	0.50	ug/L			09/02/16 13:38	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 13:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 13:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 13:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 13:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 13:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 13:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 13:38	1
Trichloroethene	**2.9**		1.0	0.61	ug/L			09/02/16 13:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 13:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 13:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 13:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*09/02/16 13:38*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*09/02/16 13:38*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*09/02/16 13:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 15:35	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-38
Date Collected: 08/30/16 07:50
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 13:56	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 13:56	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 13:56	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 13:56	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:56	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 13:56	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 13:56	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 13:56	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 13:56	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 13:56	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 13:56	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:56	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 13:56	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 13:56	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 13:56	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 13:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 13:56	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 13:56	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 13:56	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 13:56	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 13:56	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 13:56	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 13:56	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 13:56	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:56	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 13:56	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 13:56	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 13:56	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 13:56	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 13:56	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 13:56	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 13:56	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 13:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 13:56	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 13:56	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 13:56	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 13:56	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 13:56	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 13:56	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 13:56	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 13:56	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 13:56	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 13:56	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 13:56	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 13:56	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 13:56	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 13:56	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 13:56	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 13:56	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-38
Date Collected: 08/30/16 07:50
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 13:56	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 13:56	1
Tetrachloroethene	**1.7**		1.0	0.50	ug/L			09/02/16 13:56	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 13:56	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 13:56	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 13:56	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 13:56	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 13:56	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 13:56	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 13:56	1
Trichloroethene	**0.63**	**I**	1.0	0.61	ug/L			09/02/16 13:56	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 13:56	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 13:56	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 13:56	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 13:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*09/02/16 13:56*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*09/02/16 13:56*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*09/02/16 13:56*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 15:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-40
Date Collected: 08/30/16 08:22
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 14:15	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 14:15	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 14:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 14:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 14:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 14:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 14:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 14:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 14:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 14:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 14:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 14:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 14:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 14:15	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 14:15	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 14:15	1
cis-1,2-Dichloroethene	**2.1**		1.0	0.65	ug/L			09/02/16 14:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 14:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 14:15	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 14:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 14:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 14:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 14:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 14:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 14:15	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 14:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 14:15	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 14:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 14:15	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 14:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 14:15	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 14:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 14:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 14:15	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 14:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 14:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 14:15	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 14:15	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 14:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 14:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 14:15	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 14:15	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 14:15	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 14:15	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 14:15	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 14:15	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 14:15	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 14:15	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 14:15	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-40
Date Collected: 08/30/16 08:22
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 14:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 14:15	1
Tetrachloroethene	**17**		1.0	0.50	ug/L			09/02/16 14:15	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 14:15	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 14:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 14:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 14:15	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 14:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 14:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 14:15	1
Trichloroethene	**9.1**		1.0	0.61	ug/L			09/02/16 14:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 14:15	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 14:15	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 14:15	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 14:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*09/02/16 14:15*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*09/02/16 14:15*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*09/02/16 14:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 16:14	1

Client Sample ID: MW-254
Date Collected: 08/29/16 14:18
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 18:16	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 18:16	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 18:16	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 18:16	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 18:16	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 18:16	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 18:16	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 18:16	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 18:16	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 18:16	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 18:16	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 18:16	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 18:16	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 18:16	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 18:16	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 18:16	1
cis-1,2-Dichloroethene	**6.0**		1.0	0.65	ug/L			09/02/16 18:16	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 18:16	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 18:16	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 18:16	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 18:16	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 18:16	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 18:16	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 18:16	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 18:16	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 18:16	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 18:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 18:16	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 18:16	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 18:16	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 18:16	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 18:16	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 18:16	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 18:16	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 18:16	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 18:16	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 18:16	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 18:16	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 18:16	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 18:16	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 18:16	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 18:16	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 18:16	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 18:16	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 18:16	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 18:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 18:16	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 18:16	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 18:16	1

Client Sample ID: MW-254
Date Collected: 08/29/16 14:18
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 18:16	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 18:16	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 18:16	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 18:16	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 18:16	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 18:16	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 18:16	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 18:16	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 18:16	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 18:16	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 18:16	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 18:16	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 18:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*09/02/16 18:16*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*09/02/16 18:16*	*1*
Toluene-d8 (Surr)	*116*		*70 - 130*		*09/02/16 18:16*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**530**		10	5.0	ug/L			09/02/16 17:57	10
Trichloroethene	**78**		10	6.1	ug/L			09/02/16 17:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*09/02/16 17:57*	*10*
Dibromofluoromethane	*108*		*70 - 130*		*09/02/16 17:57*	*10*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/02/16 17:57*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 16:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-172907/16
Matrix: Water
Analysis Batch: 172907

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/17/16 12:36	1
Benzene	0.50	U	1.0	0.50	ug/L			08/17/16 12:36	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 12:36	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/17/16 12:36	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/17/16 12:36	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/17/16 12:36	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/17/16 12:36	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/17/16 12:36	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/17/16 12:36	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/17/16 12:36	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/17/16 12:36	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/17/16 12:36	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/17/16 12:36	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/17/16 12:36	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/17/16 12:36	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/17/16 12:36	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/17/16 12:36	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/17/16 12:36	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/17/16 12:36	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/17/16 12:36	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/17/16 12:36	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/17/16 12:36	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/17/16 12:36	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/17/16 12:36	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 12:36	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/17/16 12:36	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/17/16 12:36	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 12:36	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/17/16 12:36	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/17/16 12:36	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/17/16 12:36	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/17/16 12:36	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/17/16 12:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/17/16 12:36	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/17/16 12:36	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/17/16 12:36	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/17/16 12:36	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/17/16 12:36	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/17/16 12:36	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/17/16 12:36	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/17/16 12:36	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/17/16 12:36	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/17/16 12:36	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/17/16 12:36	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/17/16 12:36	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/17/16 12:36	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/17/16 12:36	1
Styrene	0.98	U	2.0	0.98	ug/L			08/17/16 12:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172907/16
Matrix: Water
Analysis Batch: 172907

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/17/16 12:36	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/17/16 12:36	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/17/16 12:36	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/17/16 12:36	1
Toluene	0.51	U	1.0	0.51	ug/L			08/17/16 12:36	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/17/16 12:36	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/17/16 12:36	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/17/16 12:36	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/17/16 12:36	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 12:36	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/17/16 12:36	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/17/16 12:36	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/17/16 12:36	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/17/16 12:36	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/17/16 12:36	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/17/16 12:36	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/17/16 12:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*08/17/16 12:36*	*1*
Dibromofluoromethane	*96*		*70 - 130*		*08/17/16 12:36*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/17/16 12:36*	*1*

Lab Sample ID: LCS 660-172907/13
Matrix: Water
Analysis Batch: 172907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	96.4		ug/L		96	62 - 142
Benzene	10.0	9.65		ug/L		96	68 - 134
Bromobenzene	10.0	9.54		ug/L		95	70 - 130
Bromoform	10.0	9.24		ug/L		92	65 - 130
Bromomethane	10.0	9.63		ug/L		96	22 - 150
2-Butanone (MEK)	100	98.0		ug/L		98	63 - 140
Carbon disulfide	10.0	10.2		ug/L		102	30 - 150
Carbon tetrachloride	10.0	9.58		ug/L		96	61 - 134
Chlorobenzene	10.0	10.0		ug/L		100	70 - 130
Chlorobromomethane	10.0	10.1		ug/L		101	70 - 130
Chlorodibromomethane	10.0	9.10		ug/L		91	70 - 130
Chloroethane	10.0	9.31		ug/L		93	39 - 150
Chloroform	10.0	9.75		ug/L		98	68 - 130
Chloromethane	10.0	9.81		ug/L		98	35 - 150
2-Chlorotoluene	10.0	9.52		ug/L		95	70 - 130
4-Chlorotoluene	10.0	9.49		ug/L		95	70 - 130
cis-1,2-Dichloroethene	10.0	10.2		ug/L		102	66 - 130
cis-1,3-Dichloropropene	10.0	10.1		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.77		ug/L		88	63 - 130
Dibromomethane	10.0	10.1		ug/L		101	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172907/13
Matrix: Water
Analysis Batch: 172907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	9.49		ug/L		95	70 - 130
1,3-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	10.0	9.81		ug/L		98	70 - 130
Dichlorobromomethane	10.0	9.94		ug/L		99	70 - 130
Dichlorodifluoromethane	10.0	8.87		ug/L		89	16 - 149
1,1-Dichloroethane	10.0	9.71		ug/L		97	66 - 130
1,2-Dichloroethane	10.0	9.68		ug/L		97	70 - 130
1,1-Dichloroethene	10.0	9.94		ug/L		99	51 - 150
1,2-Dichloropropane	10.0	10.0		ug/L		100	70 - 130
1,3-Dichloropropane	10.0	9.72		ug/L		97	70 - 130
2,2-Dichloropropane	10.0	10.6		ug/L		106	66 - 134
1,1-Dichloropropene	10.0	10.2		ug/L		102	65 - 136
Ethylbenzene	10.0	10.0		ug/L		100	70 - 130
Ethylene Dibromide	10.0	9.78		ug/L		98	66 - 130
Hexachlorobutadiene	10.0	9.43		ug/L		94	62 - 143
2-Hexanone	100	96.5		ug/L		97	60 - 148
Isopropylbenzene	10.0	9.57		ug/L		96	62 - 130
4-Isopropyltoluene	10.0	8.80		ug/L		88	65 - 134
Methylene Chloride	10.0	12.0		ug/L		120	57 - 130
4-Methyl-2-pentanone (MIBK)	100	96.1		ug/L		96	64 - 137
Methyl tert-butyl ether	10.0	9.86		ug/L		99	67 - 130
Naphthalene	10.0	9.26		ug/L		93	50 - 136
n-Butylbenzene	10.0	9.31		ug/L		93	61 - 131
N-Propylbenzene	10.0	9.59		ug/L		96	67 - 130
o-Xylene	10.0	10.4		ug/L		104	69 - 130
sec-Butylbenzene	10.0	10.1		ug/L		101	68 - 133
Styrene	10.0	10.4		ug/L		104	68 - 131
tert-Butylbenzene	10.0	9.66		ug/L		97	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.1		ug/L		101	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.46		ug/L		85	70 - 130
Tetrachloroethene	10.0	9.99		ug/L		100	50 - 143
Toluene	10.0	9.77		ug/L		98	70 - 131
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	62 - 139
trans-1,3-Dichloropropene	10.0	9.72		ug/L		97	67 - 130
1,2,3-Trichlorobenzene	10.0	9.57		ug/L		96	58 - 132
1,2,4-Trichlorobenzene	10.0	9.33		ug/L		93	66 - 130
1,1,1-Trichloroethane	10.0	9.81		ug/L		98	63 - 132
1,1,2-Trichloroethane	10.0	9.41		ug/L		94	70 - 130
Trichloroethene	10.0	10.1		ug/L		101	63 - 139
Trichlorofluoromethane	10.0	9.70		ug/L		97	62 - 146
1,2,3-Trichloropropane	10.0	9.33		ug/L		93	66 - 130
1,2,4-Trimethylbenzene	10.0	9.69		ug/L		97	70 - 132
1,3,5-Trimethylbenzene	10.0	9.09		ug/L		91	65 - 134
Vinyl chloride	10.0	10.0		ug/L		100	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172907/13
Matrix: Water
Analysis Batch: 172907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 660-172907/14
Matrix: Water
Analysis Batch: 172907

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	94.9		ug/L		95	62 - 142	2	30
Benzene			10.0	10.5		ug/L		105	68 - 134	9	30
Bromobenzene			10.0	9.89		ug/L		99	70 - 130	4	30
Bromoform			10.0	9.13		ug/L		91	65 - 130	1	30
Bromomethane			10.0	10.0		ug/L		100	22 - 150	4	30
2-Butanone (MEK)			100	102		ug/L		102	63 - 140	4	30
Carbon disulfide			10.0	10.4		ug/L		104	30 - 150	2	30
Carbon tetrachloride			10.0	10.4		ug/L		104	61 - 134	8	30
Chlorobenzene			10.0	10.4		ug/L		104	70 - 130	3	30
Chlorobromomethane			10.0	10.9		ug/L		109	70 - 130	7	30
Chlorodibromomethane			10.0	9.39		ug/L		94	70 - 130	3	30
Chloroethane			10.0	9.93		ug/L		99	39 - 150	6	30
Chloroform			10.0	10.7		ug/L		107	68 - 130	9	30
Chloromethane			10.0	9.85		ug/L		99	35 - 150	0	30
2-Chlorotoluene			10.0	9.98		ug/L		100	70 - 130	5	30
4-Chlorotoluene			10.0	10.2		ug/L		102	70 - 130	7	30
cis-1,2-Dichloroethene			10.0	10.7		ug/L		107	66 - 130	4	30
cis-1,3-Dichloropropene			10.0	10.5		ug/L		105	70 - 130	4	30
1,2-Dibromo-3-Chloropropane			10.0	8.85		ug/L		89	63 - 130	1	30
Dibromomethane			10.0	10.2		ug/L		102	70 - 130	1	30
1,2-Dichlorobenzene			10.0	9.96		ug/L		100	70 - 130	5	30
1,3-Dichlorobenzene			10.0	10.6		ug/L		106	70 - 130	5	30
1,4-Dichlorobenzene			10.0	10.1		ug/L		101	70 - 130	3	30
Dichlorobromomethane			10.0	9.90		ug/L		99	70 - 130	0	30
Dichlorodifluoromethane			10.0	8.99		ug/L		90	16 - 149	1	30
1,1-Dichloroethane			10.0	10.5		ug/L		105	66 - 130	8	30
1,2-Dichloroethane			10.0	10.2		ug/L		102	70 - 130	5	30
1,1-Dichloroethene			10.0	10.5		ug/L		105	51 - 150	6	30
1,2-Dichloropropane			10.0	10.4		ug/L		104	70 - 130	3	30
1,3-Dichloropropane			10.0	9.68		ug/L		97	70 - 130	0	30
2,2-Dichloropropane			10.0	10.6		ug/L		106	66 - 134	0	30
1,1-Dichloropropene			10.0	10.5		ug/L		105	65 - 136	3	30
Ethylbenzene			10.0	10.0		ug/L		100	70 - 130	0	30
Ethylene Dibromide			10.0	9.55		ug/L		95	66 - 130	2	30
Hexachlorobutadiene			10.0	10.6		ug/L		106	62 - 143	11	30
2-Hexanone			100	92.8		ug/L		93	60 - 148	4	30
Isopropylbenzene			10.0	9.97		ug/L		100	62 - 130	4	30
4-Isopropyltoluene			10.0	8.96		ug/L		90	65 - 134	2	30
Methylene Chloride			10.0	12.4		ug/L		124	57 - 130	4	30
4-Methyl-2-pentanone (MIBK)			100	99.3		ug/L		99	64 - 137	3	30
Methyl tert-butyl ether			10.0	9.91		ug/L		99	67 - 130	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172907/14
Matrix: Water
Analysis Batch: 172907

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	10.3		ug/L		103	50 - 136	10	30
n-Butylbenzene			10.0	10.0		ug/L		100	61 - 131	7	30
N-Propylbenzene			10.0	10.1		ug/L		101	67 - 130	5	30
o-Xylene			10.0	10.7		ug/L		107	69 - 130	3	30
sec-Butylbenzene			10.0	10.3		ug/L		103	68 - 133	1	30
Styrene			10.0	10.4		ug/L		104	68 - 131	0	30
tert-Butylbenzene			10.0	10.4		ug/L		104	64 - 130	7	30
1,1,1,2-Tetrachloroethane			10.0	9.98		ug/L		100	70 - 130	1	30
1,1,2,2-Tetrachloroethane			10.0	9.31		ug/L		93	70 - 130	9	30
Tetrachloroethene			10.0	9.48		ug/L		95	50 - 143	5	30
Toluene			10.0	9.93		ug/L		99	70 - 131	2	30
trans-1,2-Dichloroethene			10.0	10.4		ug/L		104	62 - 139	2	30
trans-1,3-Dichloropropene			10.0	9.72		ug/L		97	67 - 130	0	30
1,2,3-Trichlorobenzene			10.0	11.0		ug/L		110	58 - 132	14	30
1,2,4-Trichlorobenzene			10.0	11.2		ug/L		112	66 - 130	18	30
1,1,1-Trichloroethane			10.0	10.8		ug/L		108	63 - 132	10	30
1,1,2-Trichloroethane			10.0	9.76		ug/L		98	70 - 130	4	30
Trichloroethene			10.0	10.5		ug/L		105	63 - 139	4	30
Trichlorofluoromethane			10.0	10.7		ug/L		107	62 - 146	10	30
1,2,3-Trichloropropane			10.0	9.79		ug/L		98	66 - 130	5	30
1,2,4-Trimethylbenzene			10.0	10.4		ug/L		104	70 - 132	7	30
1,3,5-Trimethylbenzene			10.0	10.1		ug/L		101	65 - 134	10	30
Vinyl chloride			10.0	10.3		ug/L		103	48 - 147	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-75488-2 MS
Matrix: Water
Analysis Batch: 172907

Client Sample ID: MW-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	95.7		ug/L		96	62 - 142
Benzene	0.50	U	10.0	9.18		ug/L		92	68 - 134
Bromobenzene	0.58	U	10.0	9.32		ug/L		93	70 - 130
Bromoform	0.63	U	10.0	7.84		ug/L		78	65 - 130
Bromomethane	2.5	U	10.0	3.54	I	ug/L		35	22 - 150
2-Butanone (MEK)	8.4	U	100	104		ug/L		104	63 - 140
Carbon disulfide	1.0	U	10.0	8.58		ug/L		86	30 - 150
Carbon tetrachloride	0.43	U	10.0	8.55		ug/L		85	61 - 134
Chlorobenzene	0.63	U	10.0	9.08		ug/L		91	70 - 130
Chlorobromomethane	0.58	U	10.0	8.77		ug/L		88	70 - 130
Chlorodibromomethane	0.31	U	10.0	7.93		ug/L		79	70 - 130
Chloroethane	2.5	U	10.0	9.35		ug/L		93	39 - 150
Chloroform	0.90	U	10.0	9.22		ug/L		92	68 - 130
Chloromethane	1.0	U	10.0	8.70		ug/L		87	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75488-2 MS
Matrix: Water
Analysis Batch: 172907

Client Sample ID: MW-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	8.99		ug/L		90	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.31		ug/L		93	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.32		ug/L		93	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.77		ug/L		78	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.89		ug/L		79	63 - 130
Dibromomethane	0.46	U	10.0	8.68		ug/L		87	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	8.60		ug/L		86	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.12		ug/L		91	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.08		ug/L		91	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.88		ug/L		89	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	10.1		ug/L		101	16 - 149
1,1-Dichloroethane	0.52	U	10.0	8.94		ug/L		89	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.35		ug/L		93	70 - 130
1,1-Dichloroethene	0.67	U	10.0	8.87		ug/L		89	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.51		ug/L		95	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.17		ug/L		92	70 - 130
2,2-Dichloropropane	0.36	U	10.0	8.65		ug/L		87	66 - 134
1,1-Dichloropropene	0.65	U	10.0	8.50		ug/L		85	65 - 136
Ethylbenzene	0.44	U	10.0	9.24		ug/L		92	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.54		ug/L		85	66 - 130
Hexachlorobutadiene	0.34	U	10.0	8.48		ug/L		85	62 - 143
2-Hexanone	4.4	U	100	102		ug/L		102	60 - 148
Isopropylbenzene	0.52	U	10.0	9.08		ug/L		91	62 - 130
4-Isopropyltoluene	0.69	U	10.0	7.57		ug/L		76	65 - 134
Methylene Chloride	5.0	U	10.0	10.3		ug/L		103	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	103		ug/L		103	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	8.13		ug/L		81	67 - 130
Naphthalene	2.5	U	10.0	7.82		ug/L		78	50 - 136
n-Butylbenzene	0.67	U	10.0	8.46		ug/L		85	61 - 131
N-Propylbenzene	0.59	U	10.0	8.83		ug/L		88	67 - 130
o-Xylene	0.50	U	10.0	9.34		ug/L		93	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.11		ug/L		91	68 - 133
Styrene	0.98	U	10.0	9.64		ug/L		96	68 - 131
tert-Butylbenzene	0.84	U	10.0	8.78		ug/L		88	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.49		ug/L		95	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.78		ug/L		88	70 - 130
Tetrachloroethene	0.63	I	10.0	8.95		ug/L		83	50 - 143
Toluene	0.51	U	10.0	8.90		ug/L		89	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.45		ug/L		84	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.61		ug/L		76	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.60		ug/L		86	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.27		ug/L		83	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.25		ug/L		93	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	8.55		ug/L		86	70 - 130
Trichloroethene	0.61	U	10.0	8.53		ug/L		85	63 - 139
Trichlorofluoromethane	2.5	U	10.0	8.72		ug/L		87	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	8.93		ug/L		89	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	8.54		ug/L		85	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75488-2 MS
Matrix: Water
Analysis Batch: 172907

Client Sample ID: MW-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	8.98		ug/L		90	65 - 134
Vinyl chloride	0.71	U	10.0	7.61		ug/L		76	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 660-75488-1 DU
Matrix: Water
Analysis Batch: 172907

Client Sample ID: 7851 15TH ST E #2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75488-1 DU
Matrix: Water
Analysis Batch: 172907

Client Sample ID: 7851 15TH ST E #2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	1.2			1.33		ug/L				10	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 660-172941/10
Matrix: Water
Analysis Batch: 172941

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 10:04	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 10:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 10:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 10:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:04	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 10:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 10:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172941/10
Matrix: Water
Analysis Batch: 172941

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 10:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 10:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 10:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 10:04	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 10:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 10:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 10:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 10:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 10:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 10:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 10:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 10:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 10:04	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 10:04	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 10:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 10:04	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:04	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 10:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 10:04	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 10:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 10:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 10:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 10:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 10:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 10:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 10:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 10:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 10:04	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 10:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 10:04	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 10:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 10:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 10:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 10:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 10:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 10:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 10:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 10:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 10:04	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 10:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 10:04	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 10:04	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 10:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 10:04	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 10:04	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 10:04	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 10:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172941/10
Matrix: Water
Analysis Batch: 172941

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 10:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 10:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 10:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 10:04	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 10:04	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 10:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 10:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 10:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 10:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 10:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*08/18/16 10:04*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/18/16 10:04*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*08/18/16 10:04*	*1*

Lab Sample ID: LCS 660-172941/6
Matrix: Water
Analysis Batch: 172941

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	90.4		ug/L		90	62 - 142
Benzene	10.0	9.10		ug/L		91	68 - 134
Bromobenzene	10.0	8.67		ug/L		87	70 - 130
Bromoform	10.0	8.30		ug/L		83	65 - 130
Bromomethane	10.0	3.53	I	ug/L		35	22 - 150
2-Butanone (MEK)	100	98.3		ug/L		98	63 - 140
Carbon disulfide	10.0	8.56		ug/L		86	30 - 150
Carbon tetrachloride	10.0	8.68		ug/L		87	61 - 134
Chlorobenzene	10.0	8.89		ug/L		89	70 - 130
Chlorobromomethane	10.0	9.58		ug/L		96	70 - 130
Chlorodibromomethane	10.0	8.84		ug/L		88	70 - 130
Chloroethane	10.0	7.71		ug/L		77	39 - 150
Chloroform	10.0	9.43		ug/L		94	68 - 130
Chloromethane	10.0	7.79		ug/L		78	35 - 150
2-Chlorotoluene	10.0	8.26		ug/L		83	70 - 130
4-Chlorotoluene	10.0	8.47		ug/L		85	70 - 130
cis-1,2-Dichloroethene	10.0	9.31		ug/L		93	66 - 130
cis-1,3-Dichloropropene	10.0	9.04		ug/L		90	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.72		ug/L		97	63 - 130
Dibromomethane	10.0	9.74		ug/L		97	70 - 130
1,2-Dichlorobenzene	10.0	8.58		ug/L		86	70 - 130
1,3-Dichlorobenzene	10.0	9.44		ug/L		94	70 - 130
1,4-Dichlorobenzene	10.0	8.78		ug/L		88	70 - 130
Dichlorobromomethane	10.0	9.19		ug/L		92	70 - 130
Dichlorodifluoromethane	10.0	8.03		ug/L		80	16 - 149
1,1-Dichloroethane	10.0	8.97		ug/L		90	66 - 130
1,2-Dichloroethane	10.0	9.21		ug/L		92	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172941/6
Matrix: Water
Analysis Batch: 172941

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	8.66		ug/L		87	51 - 150
1,2-Dichloropropane	10.0	9.44		ug/L		94	70 - 130
1,3-Dichloropropane	10.0	9.25		ug/L		93	70 - 130
2,2-Dichloropropane	10.0	8.95		ug/L		90	66 - 134
1,1-Dichloropropene	10.0	8.75		ug/L		88	65 - 136
Ethylbenzene	10.0	8.71		ug/L		87	70 - 130
Ethylene Dibromide	10.0	9.09		ug/L		91	66 - 130
Hexachlorobutadiene	10.0	9.10		ug/L		91	62 - 143
2-Hexanone	100	98.2		ug/L		98	60 - 148
Isopropylbenzene	10.0	8.43		ug/L		84	62 - 130
4-Isopropyltoluene	10.0	7.32		ug/L		73	65 - 134
Methylene Chloride	10.0	10.7		ug/L		107	57 - 130
4-Methyl-2-pentanone (MIBK)	100	103		ug/L		103	64 - 137
Methyl tert-butyl ether	10.0	8.58		ug/L		86	67 - 130
Naphthalene	10.0	8.50		ug/L		85	50 - 136
n-Butylbenzene	10.0	8.33		ug/L		83	61 - 131
N-Propylbenzene	10.0	8.28		ug/L		83	67 - 130
o-Xylene	10.0	8.85		ug/L		88	69 - 130
sec-Butylbenzene	10.0	8.62		ug/L		86	68 - 133
Styrene	10.0	8.81		ug/L		88	68 - 131
tert-Butylbenzene	10.0	8.80		ug/L		88	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.74		ug/L		87	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.55		ug/L		86	70 - 130
Tetrachloroethene	10.0	8.62		ug/L		86	50 - 143
Toluene	10.0	9.11		ug/L		91	70 - 131
trans-1,2-Dichloroethene	10.0	8.76		ug/L		88	62 - 139
trans-1,3-Dichloropropene	10.0	8.40		ug/L		84	67 - 130
1,2,3-Trichlorobenzene	10.0	9.45		ug/L		94	58 - 132
1,2,4-Trichlorobenzene	10.0	8.64		ug/L		86	66 - 130
1,1,1-Trichloroethane	10.0	8.83		ug/L		88	63 - 132
1,1,2-Trichloroethane	10.0	9.59		ug/L		96	70 - 130
Trichloroethene	10.0	9.22		ug/L		92	63 - 139
Trichlorofluoromethane	10.0	8.91		ug/L		89	62 - 146
1,2,3-Trichloropropane	10.0	9.05		ug/L		90	66 - 130
1,2,4-Trimethylbenzene	10.0	8.50		ug/L		85	70 - 132
1,3,5-Trimethylbenzene	10.0	8.23		ug/L		82	65 - 134
Vinyl chloride	10.0	8.48		ug/L		85	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172941/8
Matrix: Water
Analysis Batch: 172941

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	104		ug/L		104	62 - 142	14	30
Benzene	10.0	9.66		ug/L		97	68 - 134	6	30
Bromobenzene	10.0	8.74		ug/L		87	70 - 130	1	30
Bromoform	10.0	8.47		ug/L		85	65 - 130	2	30
Bromomethane	10.0	3.81	I	ug/L		38	22 - 150	7	30
2-Butanone (MEK)	100	107		ug/L		107	63 - 140	8	30
Carbon disulfide	10.0	9.51		ug/L		95	30 - 150	10	30
Carbon tetrachloride	10.0	9.54		ug/L		95	61 - 134	9	30
Chlorobenzene	10.0	9.41		ug/L		94	70 - 130	6	30
Chlorobromomethane	10.0	9.51		ug/L		95	70 - 130	1	30
Chlorodibromomethane	10.0	9.32		ug/L		93	70 - 130	5	30
Chloroethane	10.0	9.35		ug/L		94	39 - 150	19	30
Chloroform	10.0	9.80		ug/L		98	68 - 130	4	30
Chloromethane	10.0	8.85		ug/L		88	35 - 150	13	30
2-Chlorotoluene	10.0	9.30		ug/L		93	70 - 130	12	30
4-Chlorotoluene	10.0	9.50		ug/L		95	70 - 130	11	30
cis-1,2-Dichloroethene	10.0	9.80		ug/L		98	66 - 130	5	30
cis-1,3-Dichloropropene	10.0	9.47		ug/L		95	70 - 130	5	30
1,2-Dibromo-3-Chloropropane	10.0	7.93		ug/L		79	63 - 130	20	30
Dibromomethane	10.0	9.87		ug/L		99	70 - 130	1	30
1,2-Dichlorobenzene	10.0	9.20		ug/L		92	70 - 130	7	30
1,3-Dichlorobenzene	10.0	9.50		ug/L		95	70 - 130	1	30
1,4-Dichlorobenzene	10.0	9.04		ug/L		90	70 - 130	3	30
Dichlorobromomethane	10.0	9.31		ug/L		93	70 - 130	1	30
Dichlorodifluoromethane	10.0	8.71		ug/L		87	16 - 149	8	30
1,1-Dichloroethane	10.0	9.71		ug/L		97	66 - 130	8	30
1,2-Dichloroethane	10.0	9.55		ug/L		95	70 - 130	4	30
1,1-Dichloroethene	10.0	10.0		ug/L		100	51 - 150	15	30
1,2-Dichloropropane	10.0	9.73		ug/L		97	70 - 130	3	30
1,3-Dichloropropane	10.0	9.36		ug/L		94	70 - 130	1	30
2,2-Dichloropropane	10.0	9.60		ug/L		96	66 - 134	7	30
1,1-Dichloropropene	10.0	9.32		ug/L		93	65 - 136	6	30
Ethylbenzene	10.0	9.37		ug/L		94	70 - 130	7	30
Ethylene Dibromide	10.0	9.71		ug/L		97	66 - 130	7	30
Hexachlorobutadiene	10.0	8.72		ug/L		87	62 - 143	4	30
2-Hexanone	100	103		ug/L		103	60 - 148	5	30
Isopropylbenzene	10.0	9.31		ug/L		93	62 - 130	10	30
4-Isopropyltoluene	10.0	7.97		ug/L		80	65 - 134	8	30
Methylene Chloride	10.0	10.9		ug/L		109	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	64 - 137	2	30
Methyl tert-butyl ether	10.0	9.09		ug/L		91	67 - 130	6	30
Naphthalene	10.0	8.28		ug/L		83	50 - 136	3	30
n-Butylbenzene	10.0	8.76		ug/L		88	61 - 131	5	30
N-Propylbenzene	10.0	8.99		ug/L		90	67 - 130	8	30
o-Xylene	10.0	9.63		ug/L		96	69 - 130	9	30
sec-Butylbenzene	10.0	9.54		ug/L		95	68 - 133	10	30
Styrene	10.0	9.52		ug/L		95	68 - 131	8	30
tert-Butylbenzene	10.0	9.35		ug/L		93	64 - 130	6	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172941/8
Matrix: Water
Analysis Batch: 172941

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			10.0	9.37		ug/L		94	70 - 130	7	30
1,1,2,2-Tetrachloroethane			10.0	9.04		ug/L		90	70 - 130	5	30
Tetrachloroethene			10.0	8.76		ug/L		88	50 - 143	2	30
Toluene			10.0	9.67		ug/L		97	70 - 131	6	30
trans-1,2-Dichloroethene			10.0	9.07		ug/L		91	62 - 139	3	30
trans-1,3-Dichloropropene			10.0	8.78		ug/L		88	67 - 130	4	30
1,2,3-Trichlorobenzene			10.0	9.21		ug/L		92	58 - 132	3	30
1,2,4-Trichlorobenzene			10.0	8.87		ug/L		89	66 - 130	3	30
1,1,1-Trichloroethane			10.0	9.76		ug/L		98	63 - 132	10	30
1,1,2-Trichloroethane			10.0	9.74		ug/L		97	70 - 130	2	30
Trichloroethene			10.0	9.68		ug/L		97	63 - 139	5	30
Trichlorofluoromethane			10.0	9.91		ug/L		99	62 - 146	11	30
1,2,3-Trichloropropane			10.0	8.99		ug/L		90	66 - 130	1	30
1,2,4-Trimethylbenzene			10.0	9.08		ug/L		91	70 - 132	7	30
1,3,5-Trimethylbenzene			10.0	9.00		ug/L		90	65 - 134	9	30
Vinyl chloride			10.0	9.58		ug/L		96	48 - 147	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 660-75524-24 MS
Matrix: Water
Analysis Batch: 172941

Client Sample ID: MW-155 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acetone	9.9	U J3	100	61.1	J3	ug/L		61	62 - 142		
Benzene	0.50	U	10.0	8.08		ug/L		81	68 - 134		
Bromobenzene	0.58	U	10.0	7.97		ug/L		80	70 - 130		
Bromoform	0.63	U	10.0	6.67		ug/L		67	65 - 130		
Bromomethane	2.5	U	10.0	3.87	I	ug/L		39	22 - 150		
2-Butanone (MEK)	8.4	U J3	100	58.3	J3	ug/L		58	63 - 140		
Carbon disulfide	1.0	U	10.0	7.92		ug/L		79	30 - 150		
Carbon tetrachloride	0.43	U	10.0	7.61		ug/L		76	61 - 134		
Chlorobenzene	0.63	U	10.0	7.61		ug/L		76	70 - 130		
Chlorobromomethane	0.58	U	10.0	8.67		ug/L		87	70 - 130		
Chlorodibromomethane	0.31	U	10.0	7.74		ug/L		77	70 - 130		
Chloroethane	2.5	U	10.0	13.7		ug/L		137	39 - 150		
Chloroform	0.90	U	10.0	8.14		ug/L		81	68 - 130		
Chloromethane	1.0	U J3	10.0	6.48		ug/L		65	35 - 150		
2-Chlorotoluene	0.65	U	10.0	8.08		ug/L		81	70 - 130		
4-Chlorotoluene	0.52	U	10.0	8.00		ug/L		80	70 - 130		
cis-1,2-Dichloroethene	0.65	U	10.0	7.58		ug/L		76	66 - 130		
cis-1,3-Dichloropropene	0.39	U	10.0	7.51		ug/L		75	70 - 130		
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.24		ug/L		72	63 - 130		
Dibromomethane	0.46	U	10.0	7.71		ug/L		77	70 - 130		
1,2-Dichlorobenzene	0.49	U	10.0	7.65		ug/L		77	70 - 130		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75524-24 MS
Matrix: Water
Analysis Batch: 172941

Client Sample ID: MW-155 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.64	U	10.0	7.99		ug/L		80	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	7.54		ug/L		75	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.32		ug/L		83	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	6.95		ug/L		70	16 - 149
1,1-Dichloroethane	0.52	U	10.0	7.67		ug/L		77	66 - 130
1,2-Dichloroethane	0.57	U	10.0	7.61		ug/L		76	70 - 130
1,1-Dichloroethene	0.67	U	10.0	8.69		ug/L		87	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.20		ug/L		82	70 - 130
1,3-Dichloropropane	0.42	U	10.0	7.60		ug/L		76	70 - 130
2,2-Dichloropropane	0.36	U	10.0	7.56		ug/L		76	66 - 134
1,1-Dichloropropene	0.65	U	10.0	8.14		ug/L		81	65 - 136
Ethylbenzene	0.44	U	10.0	7.71		ug/L		77	70 - 130
Ethylene Dibromide	0.50	U	10.0	7.63		ug/L		76	66 - 130
Hexachlorobutadiene	0.34	U	10.0	7.86		ug/L		79	62 - 143
2-Hexanone	4.4	U J3	100	58.5	J3	ug/L		59	60 - 148
Isopropylbenzene	0.52	U	10.0	7.88		ug/L		79	62 - 130
4-Isopropyltoluene	0.69	U	10.0	6.66		ug/L		67	65 - 134
Methylene Chloride	5.0	U	10.0	9.33	I	ug/L		93	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U J3	100	55.2	J3	ug/L		55	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	7.19		ug/L		72	67 - 130
Naphthalene	2.5	U	10.0	7.05		ug/L		71	50 - 136
n-Butylbenzene	0.67	U	10.0	7.53		ug/L		75	61 - 131
N-Propylbenzene	0.59	U	10.0	7.89		ug/L		79	67 - 130
o-Xylene	0.50	U	10.0	7.38		ug/L		74	69 - 130
sec-Butylbenzene	0.63	U	10.0	8.06		ug/L		81	68 - 133
Styrene	0.98	U	10.0	7.38		ug/L		74	68 - 131
tert-Butylbenzene	0.84	U	10.0	7.88		ug/L		79	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	7.56		ug/L		76	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	7.52		ug/L		75	70 - 130
Tetrachloroethene	0.50	U	10.0	7.51		ug/L		75	50 - 143
Toluene	0.51	U	10.0	8.22		ug/L		82	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	7.59		ug/L		76	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	6.99		ug/L		70	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	7.94		ug/L		79	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	7.48		ug/L		75	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	7.90		ug/L		79	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	7.94		ug/L		79	70 - 130
Trichloroethene	0.61	U	10.0	7.95		ug/L		79	63 - 139
Trichlorofluoromethane	2.5	U J3	10.0	6.09	J3	ug/L		61	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	6.58		ug/L		66	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	7.62		ug/L		76	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	7.69		ug/L		77	65 - 134
Vinyl chloride	0.71	U	10.0	5.73		ug/L		57	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-75524-24 MSD
Matrix: Water
Analysis Batch: 172941

Client Sample ID: MW-155 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	9.9	U J3	100	60.7	J3	ug/L		61	62 - 142	1	30
Benzene	0.50	U	10.0	7.82		ug/L		78	68 - 134	3	30
Bromobenzene	0.58	U	10.0	8.39		ug/L		84	70 - 130	5	30
Bromoform	0.63	U	10.0	7.19		ug/L		72	65 - 130	8	30
Bromomethane	2.5	U	10.0	3.83	I	ug/L		38	22 - 150	1	30
2-Butanone (MEK)	8.4	U J3	100	53.9	J3	ug/L		54	63 - 140	8	30
Carbon disulfide	1.0	U	10.0	7.86		ug/L		79	30 - 150	1	30
Carbon tetrachloride	0.43	U	10.0	8.05		ug/L		80	61 - 134	6	30
Chlorobenzene	0.63	U	10.0	7.69		ug/L		77	70 - 130	1	30
Chlorobromomethane	0.58	U	10.0	8.31		ug/L		83	70 - 130	4	30
Chlorodibromomethane	0.31	U	10.0	7.80		ug/L		78	70 - 130	1	30
Chloroethane	2.5	U	10.0	11.4		ug/L		114	39 - 150	18	30
Chloroform	0.90	U	10.0	8.30		ug/L		83	68 - 130	2	30
Chloromethane	1.0	U J3	10.0	4.35	J3	ug/L		43	35 - 150	39	30
2-Chlorotoluene	0.65	U	10.0	8.51		ug/L		85	70 - 130	5	30
4-Chlorotoluene	0.52	U	10.0	8.31		ug/L		83	70 - 130	4	30
cis-1,2-Dichloroethene	0.65	U	10.0	7.65		ug/L		76	66 - 130	1	30
cis-1,3-Dichloropropene	0.39	U	10.0	7.54		ug/L		75	70 - 130	0	30
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.67		ug/L		77	63 - 130	6	30
Dibromomethane	0.46	U	10.0	8.04		ug/L		80	70 - 130	4	30
1,2-Dichlorobenzene	0.49	U	10.0	7.61		ug/L		76	70 - 130	1	30
1,3-Dichlorobenzene	0.64	U	10.0	8.02		ug/L		80	70 - 130	0	30
1,4-Dichlorobenzene	0.60	U	10.0	7.48		ug/L		75	70 - 130	1	30
Dichlorobromomethane	0.44	U	10.0	8.10		ug/L		81	70 - 130	3	30
Dichlorodifluoromethane	2.5	U	10.0	7.86		ug/L		79	16 - 149	12	30
1,1-Dichloroethane	0.52	U	10.0	7.92		ug/L		79	66 - 130	3	30
1,2-Dichloroethane	0.57	U	10.0	7.95		ug/L		79	70 - 130	4	30
1,1-Dichloroethene	0.67	U	10.0	8.66		ug/L		87	51 - 150	0	30
1,2-Dichloropropane	0.52	U	10.0	8.61		ug/L		86	70 - 130	5	30
1,3-Dichloropropane	0.42	U	10.0	7.71		ug/L		77	70 - 130	1	30
2,2-Dichloropropane	0.36	U	10.0	7.71		ug/L		77	66 - 134	2	30
1,1-Dichloropropene	0.65	U	10.0	7.75		ug/L		77	65 - 136	5	30
Ethylbenzene	0.44	U	10.0	7.71		ug/L		77	70 - 130	0	30
Ethylene Dibromide	0.50	U	10.0	7.91		ug/L		79	66 - 130	4	30
Hexachlorobutadiene	0.34	U	10.0	7.83		ug/L		78	62 - 143	0	30
2-Hexanone	4.4	U J3	100	58.3	J3	ug/L		58	60 - 148	0	30
Isopropylbenzene	0.52	U	10.0	8.43		ug/L		84	62 - 130	7	30
4-Isopropyltoluene	0.69	U	10.0	6.75		ug/L		68	65 - 134	1	30
Methylene Chloride	5.0	U	10.0	9.14	I	ug/L		91	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)	4.0	U J3	100	60.9	J3	ug/L		61	64 - 137	10	30
Methyl tert-butyl ether	0.44	U	10.0	7.07		ug/L		71	67 - 130	2	30
Naphthalene	2.5	U	10.0	7.06		ug/L		71	50 - 136	0	30
n-Butylbenzene	0.67	U	10.0	7.75		ug/L		78	61 - 131	3	30
N-Propylbenzene	0.59	U	10.0	8.59		ug/L		86	67 - 130	9	30
o-Xylene	0.50	U	10.0	7.58		ug/L		76	69 - 130	3	30
sec-Butylbenzene	0.63	U	10.0	8.05		ug/L		81	68 - 133	0	30
Styrene	0.98	U	10.0	7.38		ug/L		74	68 - 131	0	30
tert-Butylbenzene	0.84	U	10.0	8.53		ug/L		85	64 - 130	8	30
1,1,1,2-Tetrachloroethane	0.63	U	10.0	7.46		ug/L		75	70 - 130	1	30
1,1,2,2-Tetrachloroethane	0.17	U	10.0	7.72		ug/L		77	70 - 130	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75524-24 MSD
Matrix: Water
Analysis Batch: 172941

Client Sample ID: MW-155 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	0.50	U	10.0	7.90		ug/L		79	50 - 143	5	30
Toluene	0.51	U	10.0	8.21		ug/L		82	70 - 131	0	30
trans-1,2-Dichloroethene	0.67	U	10.0	7.69		ug/L		77	62 - 139	1	30
trans-1,3-Dichloropropene	0.27	U	10.0	7.04		ug/L		70	67 - 130	1	30
1,2,3-Trichlorobenzene	0.77	U	10.0	7.56		ug/L		76	58 - 132	5	30
1,2,4-Trichlorobenzene	0.58	U	10.0	7.73		ug/L		77	66 - 130	3	30
1,1,1-Trichloroethane	0.47	U	10.0	8.03		ug/L		80	63 - 132	2	30
1,1,2-Trichloroethane	0.47	U	10.0	7.37		ug/L		74	70 - 130	7	30
Trichloroethene	0.61	U	10.0	8.10		ug/L		81	63 - 139	2	30
Trichlorofluoromethane	2.5	U J3	10.0	6.20		ug/L		62	62 - 146	2	30
1,2,3-Trichloropropane	0.44	U	10.0	8.05		ug/L		81	66 - 130	20	30
1,2,4-Trimethylbenzene	0.86	U	10.0	8.00		ug/L		80	70 - 132	5	30
1,3,5-Trimethylbenzene	0.54	U	10.0	8.27		ug/L		83	65 - 134	7	30
Vinyl chloride	0.71	U	10.0	5.79		ug/L		58	48 - 147	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 660-172942/7
Matrix: Water
Analysis Batch: 172942

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/18/16 08:57	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 08:57	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 08:57	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 08:57	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 08:57	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/18/16 08:57	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 08:57	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 08:57	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 08:57	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 08:57	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 08:57	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 08:57	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 08:57	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/18/16 08:57	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 08:57	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 08:57	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 08:57	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 08:57	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 08:57	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 08:57	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 08:57	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 08:57	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 08:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-172942/7
Matrix: Water
Analysis Batch: 172942

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 08:57	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 08:57	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 08:57	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 08:57	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 08:57	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 08:57	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 08:57	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 08:57	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 08:57	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 08:57	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 08:57	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 08:57	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/18/16 08:57	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 08:57	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 08:57	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 08:57	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/18/16 08:57	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 08:57	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 08:57	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 08:57	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 08:57	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 08:57	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 08:57	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 08:57	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 08:57	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 08:57	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 08:57	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 08:57	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 08:57	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 08:57	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 08:57	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 08:57	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 08:57	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 08:57	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 08:57	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 08:57	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 08:57	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 08:57	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 08:57	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 08:57	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 08:57	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 08:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/18/16 08:57*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/18/16 08:57*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/18/16 08:57*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172942/4
Matrix: Water
Analysis Batch: 172942

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	119		ug/L		119	62 - 142
Benzene	10.0	10.1		ug/L		101	68 - 134
Bromobenzene	10.0	9.15		ug/L		92	70 - 130
Bromoform	10.0	9.04		ug/L		90	65 - 130
Bromomethane	10.0	12.4		ug/L		124	22 - 150
2-Butanone (MEK)	100	99.6		ug/L		100	63 - 140
Carbon disulfide	10.0	9.96		ug/L		100	30 - 150
Carbon tetrachloride	10.0	10.1		ug/L		101	61 - 134
Chlorobenzene	10.0	10.0		ug/L		100	70 - 130
Chlorobromomethane	10.0	11.1		ug/L		111	70 - 130
Chlorodibromomethane	10.0	9.56		ug/L		96	70 - 130
Chloroethane	10.0	14.4		ug/L		144	39 - 150
Chloroform	10.0	10.9		ug/L		109	68 - 130
Chloromethane	10.0	10.3		ug/L		103	35 - 150
2-Chlorotoluene	10.0	9.23		ug/L		92	70 - 130
4-Chlorotoluene	10.0	10.4		ug/L		104	70 - 130
cis-1,2-Dichloroethene	10.0	11.5		ug/L		115	66 - 130
cis-1,3-Dichloropropene	10.0	9.36		ug/L		94	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.08		ug/L		81	63 - 130
Dibromomethane	10.0	9.31		ug/L		93	70 - 130
1,2-Dichlorobenzene	10.0	9.76		ug/L		98	70 - 130
1,3-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
1,4-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
Dichlorobromomethane	10.0	9.52		ug/L		95	70 - 130
Dichlorodifluoromethane	10.0	8.99		ug/L		90	16 - 149
1,1-Dichloroethane	10.0	10.9		ug/L		109	66 - 130
1,2-Dichloroethane	10.0	10.6		ug/L		106	70 - 130
1,1-Dichloroethene	10.0	9.91		ug/L		99	51 - 150
1,2-Dichloropropane	10.0	11.0		ug/L		110	70 - 130
1,3-Dichloropropane	10.0	9.43		ug/L		94	70 - 130
2,2-Dichloropropane	10.0	10.7		ug/L		107	66 - 134
1,1-Dichloropropene	10.0	9.89		ug/L		99	65 - 136
Ethylbenzene	10.0	9.41		ug/L		94	70 - 130
Ethylene Dibromide	10.0	9.61		ug/L		96	66 - 130
Hexachlorobutadiene	10.0	10.6		ug/L		106	62 - 143
2-Hexanone	100	88.0		ug/L		88	60 - 148
Isopropylbenzene	10.0	9.43		ug/L		94	62 - 130
4-Isopropyltoluene	10.0	9.99		ug/L		100	65 - 134
Methylene Chloride	10.0	12.6		ug/L		126	57 - 130
4-Methyl-2-pentanone (MIBK)	100	91.0		ug/L		91	64 - 137
Methyl tert-butyl ether	10.0	9.68		ug/L		97	67 - 130
Naphthalene	10.0	9.73		ug/L		97	50 - 136
n-Butylbenzene	10.0	10.8		ug/L		108	61 - 131
N-Propylbenzene	10.0	9.45		ug/L		95	67 - 130
o-Xylene	10.0	9.53		ug/L		95	69 - 130
sec-Butylbenzene	10.0	10.3		ug/L		103	68 - 133
Styrene	10.0	9.57		ug/L		96	68 - 131
tert-Butylbenzene	10.0	10.0		ug/L		100	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-172942/4
Matrix: Water
Analysis Batch: 172942

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	9.96		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.13		ug/L		91	70 - 130
Tetrachloroethene	10.0	9.56		ug/L		96	50 - 143
Toluene	10.0	9.26		ug/L		93	70 - 131
trans-1,2-Dichloroethene	10.0	11.4		ug/L		114	62 - 139
trans-1,3-Dichloropropene	10.0	9.42		ug/L		94	67 - 130
1,2,3-Trichlorobenzene	10.0	10.1		ug/L		101	58 - 132
1,2,4-Trichlorobenzene	10.0	9.66		ug/L		97	66 - 130
1,1,1-Trichloroethane	10.0	9.90		ug/L		99	63 - 132
1,1,2-Trichloroethane	10.0	9.49		ug/L		95	70 - 130
Trichloroethene	10.0	9.62		ug/L		96	63 - 139
Trichlorofluoromethane	10.0	11.2		ug/L		112	62 - 146
1,2,3-Trichloropropane	10.0	9.54		ug/L		95	66 - 130
1,2,4-Trimethylbenzene	10.0	9.97		ug/L		100	70 - 132
1,3,5-Trimethylbenzene	10.0	9.30		ug/L		93	65 - 134
Vinyl chloride	10.0	11.0		ug/L		110	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 660-172942/5
Matrix: Water
Analysis Batch: 172942

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	116		ug/L		116	62 - 142	3	30
Benzene	10.0	9.62		ug/L		96	68 - 134	5	30
Bromobenzene	10.0	9.12		ug/L		91	70 - 130	0	30
Bromoform	10.0	8.67		ug/L		87	65 - 130	4	30
Bromomethane	10.0	10.7		ug/L		107	22 - 150	15	30
2-Butanone (MEK)	100	99.8		ug/L		100	63 - 140	0	30
Carbon disulfide	10.0	9.02		ug/L		90	30 - 150	10	30
Carbon tetrachloride	10.0	9.36		ug/L		94	61 - 134	7	30
Chlorobenzene	10.0	9.36		ug/L		94	70 - 130	7	30
Chlorobromomethane	10.0	10.1		ug/L		101	70 - 130	9	30
Chlorodibromomethane	10.0	9.23		ug/L		92	70 - 130	3	30
Chloroethane	10.0	12.5		ug/L		125	39 - 150	14	30
Chloroform	10.0	9.99		ug/L		100	68 - 130	8	30
Chloromethane	10.0	9.11		ug/L		91	35 - 150	12	30
2-Chlorotoluene	10.0	9.39		ug/L		94	70 - 130	2	30
4-Chlorotoluene	10.0	10.7		ug/L		107	70 - 130	3	30
cis-1,2-Dichloroethene	10.0	11.0		ug/L		110	66 - 130	5	30
cis-1,3-Dichloropropene	10.0	8.84		ug/L		88	70 - 130	6	30
1,2-Dibromo-3-Chloropropane	10.0	7.77		ug/L		78	63 - 130	4	30
Dibromomethane	10.0	8.78		ug/L		88	70 - 130	6	30
1,2-Dichlorobenzene	10.0	9.50		ug/L		95	70 - 130	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-172942/5
Matrix: Water
Analysis Batch: 172942

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene			10.0	10.5		ug/L		105	70 - 130	4	30
1,4-Dichlorobenzene			10.0	10.0		ug/L		100	70 - 130	5	30
Dichlorobromomethane			10.0	8.95		ug/L		89	70 - 130	6	30
Dichlorodifluoromethane			10.0	8.09		ug/L		81	16 - 149	11	30
1,1-Dichloroethane			10.0	10.7		ug/L		107	66 - 130	2	30
1,2-Dichloroethane			10.0	10.1		ug/L		101	70 - 130	5	30
1,1-Dichloroethene			10.0	8.86		ug/L		89	51 - 150	11	30
1,2-Dichloropropane			10.0	10.0		ug/L		100	70 - 130	9	30
1,3-Dichloropropane			10.0	9.10		ug/L		91	70 - 130	4	30
2,2-Dichloropropane			10.0	10.4		ug/L		104	66 - 134	3	30
1,1-Dichloropropene			10.0	9.05		ug/L		91	65 - 136	9	30
Ethylbenzene			10.0	9.35		ug/L		94	70 - 130	1	30
Ethylene Dibromide			10.0	8.85		ug/L		88	66 - 130	8	30
Hexachlorobutadiene			10.0	11.0		ug/L		110	62 - 143	4	30
2-Hexanone			100	85.2		ug/L		85	60 - 148	3	30
Isopropylbenzene			10.0	9.63		ug/L		96	62 - 130	2	30
4-Isopropyltoluene			10.0	9.78		ug/L		98	65 - 134	2	30
Methylene Chloride			10.0	12.3		ug/L		123	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)			100	89.6		ug/L		90	64 - 137	2	30
Methyl tert-butyl ether			10.0	8.94		ug/L		89	67 - 130	8	30
Naphthalene			10.0	9.96		ug/L		100	50 - 136	2	30
n-Butylbenzene			10.0	10.3		ug/L		103	61 - 131	5	30
N-Propylbenzene			10.0	9.66		ug/L		97	67 - 130	2	30
o-Xylene			10.0	9.17		ug/L		92	69 - 130	4	30
sec-Butylbenzene			10.0	9.78		ug/L		98	68 - 133	5	30
Styrene			10.0	9.21		ug/L		92	68 - 131	4	30
tert-Butylbenzene			10.0	9.88		ug/L		99	64 - 130	1	30
1,1,1,2-Tetrachloroethane			10.0	9.26		ug/L		93	70 - 130	7	30
1,1,2,2-Tetrachloroethane			10.0	9.40		ug/L		94	70 - 130	3	30
Tetrachloroethene			10.0	8.92		ug/L		89	50 - 143	7	30
Toluene			10.0	8.53		ug/L		85	70 - 131	8	30
trans-1,2-Dichloroethene			10.0	10.5		ug/L		105	62 - 139	8	30
trans-1,3-Dichloropropene			10.0	8.54		ug/L		85	67 - 130	10	30
1,2,3-Trichlorobenzene			10.0	10.3		ug/L		103	58 - 132	1	30
1,2,4-Trichlorobenzene			10.0	9.95		ug/L		99	66 - 130	3	30
1,1,1-Trichloroethane			10.0	9.19		ug/L		92	63 - 132	7	30
1,1,2-Trichloroethane			10.0	8.76		ug/L		88	70 - 130	8	30
Trichloroethene			10.0	9.07		ug/L		91	63 - 139	6	30
Trichlorofluoromethane			10.0	10.3		ug/L		103	62 - 146	9	30
1,2,3-Trichloropropane			10.0	10.0		ug/L		100	66 - 130	5	30
1,2,4-Trimethylbenzene			10.0	9.79		ug/L		98	70 - 132	2	30
1,3,5-Trimethylbenzene			10.0	9.68		ug/L		97	65 - 134	4	30
Vinyl chloride			10.0	9.75		ug/L		98	48 - 147	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Lab Sample ID: 660-75524-3 MS
Matrix: Water
Analysis Batch: 172942

Client Sample ID: MW-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	121		ug/L		121	62 - 142
Benzene	0.50	U	10.0	9.53		ug/L		95	68 - 134
Bromobenzene	0.58	U	10.0	8.53		ug/L		85	70 - 130
Bromoform	0.63	U	10.0	8.19		ug/L		82	65 - 130
Bromomethane	2.5	U	10.0	6.68		ug/L		67	22 - 150
2-Butanone (MEK)	8.4	U	100	105		ug/L		105	63 - 140
Carbon disulfide	1.0	U	10.0	9.03		ug/L		90	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.44		ug/L		94	61 - 134
Chlorobenzene	0.63	U	10.0	9.09		ug/L		91	70 - 130
Chlorobromomethane	0.58	U	10.0	9.93		ug/L		99	70 - 130
Chlorodibromomethane	0.31	U	10.0	8.43		ug/L		84	70 - 130
Chloroethane	2.5	U	10.0	10.1		ug/L		101	39 - 150
Chloroform	0.90	U	10.0	9.83		ug/L		98	68 - 130
Chloromethane	1.0	U	10.0	7.72		ug/L		77	35 - 150
2-Chlorotoluene	0.65	U	10.0	9.06		ug/L		91	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.84		ug/L		98	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.8		ug/L		108	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	8.57		ug/L		86	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.71		ug/L		77	63 - 130
Dibromomethane	0.46	U	10.0	8.93		ug/L		89	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	8.91		ug/L		89	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.84		ug/L		98	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.88		ug/L		99	70 - 130
Dichlorobromomethane	0.44	U	10.0	8.34		ug/L		83	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	6.61		ug/L		66	16 - 149
1,1-Dichloroethane	0.52	U	10.0	10.8		ug/L		108	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.57		ug/L		96	70 - 130
1,1-Dichloroethene	0.67	U	10.0	9.51		ug/L		95	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.4		ug/L		104	70 - 130
1,3-Dichloropropane	0.42	U	10.0	8.98		ug/L		90	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.43		ug/L		94	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.46		ug/L		95	65 - 136
Ethylbenzene	0.44	U	10.0	8.68		ug/L		87	70 - 130
Ethylene Dibromide	0.50	U	10.0	9.16		ug/L		92	66 - 130
Hexachlorobutadiene	0.34	U	10.0	8.73		ug/L		87	62 - 143
2-Hexanone	4.4	U	100	94.8		ug/L		95	60 - 148
Isopropylbenzene	0.52	U	10.0	9.12		ug/L		91	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.12		ug/L		91	65 - 134
Methylene Chloride	5.0	U	10.0	12.7		ug/L		127	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	100		ug/L		100	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.43		ug/L		94	67 - 130
Naphthalene	2.5	U	10.0	9.23		ug/L		92	50 - 136
n-Butylbenzene	0.67	U	10.0	9.69		ug/L		97	61 - 131
N-Propylbenzene	0.59	U	10.0	8.89		ug/L		89	67 - 130
o-Xylene	0.50	U	10.0	9.15		ug/L		91	69 - 130
sec-Butylbenzene	0.63	U	10.0	9.40		ug/L		94	68 - 133
Styrene	0.98	U	10.0	9.13		ug/L		91	68 - 131
tert-Butylbenzene	0.84	U	10.0	9.21		ug/L		92	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.79		ug/L		88	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.48		ug/L		95	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75524-3 MS
Matrix: Water
Analysis Batch: 172942

Client Sample ID: MW-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	0.50	U	10.0	9.20		ug/L		92	50 - 143
Toluene	0.51	U	10.0	8.58		ug/L		86	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.7		ug/L		107	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	8.20		ug/L		82	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.83		ug/L		88	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.81		ug/L		88	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.45		ug/L		95	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.35		ug/L		93	70 - 130
Trichloroethene	0.61	U	10.0	9.12		ug/L		91	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.56		ug/L		96	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.1		ug/L		101	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.01		ug/L		90	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	9.20		ug/L		92	65 - 134
Vinyl chloride	0.71	U	10.0	8.30		ug/L		83	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 660-75524-2 DU
Matrix: Water
Analysis Batch: 172942

Client Sample ID: MW-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75524-2 DU
Matrix: Water
Analysis Batch: 172942

Client Sample ID: MW-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	0.52	U		0.52	U	ug/L				NC	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173248/7
Matrix: Water
Analysis Batch: 173248

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 10:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 10:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 10:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 10:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 10:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 10:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 10:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 10:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 10:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 10:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 10:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 10:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 10:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 10:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 10:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 10:13	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 10:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 10:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 10:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 10:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 10:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 10:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 10:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 10:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 10:13	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 10:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 10:13	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 10:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 10:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 10:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 10:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 10:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 10:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 10:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 10:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 10:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 10:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 10:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 10:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 10:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 10:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 10:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 10:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 10:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 10:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 10:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 10:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 10:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173248/7
Matrix: Water
Analysis Batch: 173248

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 10:13	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 10:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 10:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 10:13	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 10:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 10:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 10:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 10:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 10:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 10:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 10:13	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 10:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 10:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 10:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 10:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 10:13	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 10:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/26/16 10:13*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/26/16 10:13*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/26/16 10:13*	*1*

Lab Sample ID: LCS 660-173248/4
Matrix: Water
Analysis Batch: 173248

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	106		ug/L		106	62 - 142
Benzene	10.0	9.77		ug/L		98	68 - 134
Bromobenzene	10.0	10.8		ug/L		108	70 - 130
Bromoform	10.0	9.48		ug/L		95	65 - 130
Bromomethane	10.0	8.57		ug/L		86	22 - 150
2-Butanone (MEK)	100	101		ug/L		101	63 - 140
Carbon disulfide	10.0	9.52		ug/L		95	30 - 150
Carbon tetrachloride	10.0	9.69		ug/L		97	61 - 134
Chlorobenzene	10.0	10.1		ug/L		101	70 - 130
Chlorobromomethane	10.0	9.57		ug/L		96	70 - 130
Chlorodibromomethane	10.0	9.67		ug/L		97	70 - 130
Chloroethane	10.0	9.85		ug/L		98	39 - 150
Chloroform	10.0	10.2		ug/L		102	68 - 130
Chloromethane	10.0	9.65		ug/L		97	35 - 150
2-Chlorotoluene	10.0	10.8		ug/L		108	70 - 130
4-Chlorotoluene	10.0	10.5		ug/L		105	70 - 130
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	66 - 130
cis-1,3-Dichloropropene	10.0	9.77		ug/L		98	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.87		ug/L		89	63 - 130
Dibromomethane	10.0	10.2		ug/L		102	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173248/4
Matrix: Water
Analysis Batch: 173248

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
1,3-Dichlorobenzene	10.0	10.7		ug/L		107	70 - 130
1,4-Dichlorobenzene	10.0	10.8		ug/L		108	70 - 130
Dichlorobromomethane	10.0	9.29		ug/L		93	70 - 130
Dichlorodifluoromethane	10.0	7.07		ug/L		71	16 - 149
1,1-Dichloroethane	10.0	10.1		ug/L		101	66 - 130
1,2-Dichloroethane	10.0	9.58		ug/L		96	70 - 130
1,1-Dichloroethene	10.0	10.5		ug/L		105	51 - 150
1,2-Dichloropropane	10.0	9.57		ug/L		96	70 - 130
1,3-Dichloropropane	10.0	9.91		ug/L		99	70 - 130
2,2-Dichloropropane	10.0	10.1		ug/L		101	66 - 134
1,1-Dichloropropene	10.0	9.97		ug/L		100	65 - 136
Ethylbenzene	10.0	10.2		ug/L		102	70 - 130
Ethylene Dibromide	10.0	9.83		ug/L		98	66 - 130
Hexachlorobutadiene	10.0	12.4		ug/L		124	62 - 143
2-Hexanone	100	97.4		ug/L		97	60 - 148
Isopropylbenzene	10.0	11.0		ug/L		110	62 - 130
4-Isopropyltoluene	10.0	11.1		ug/L		111	65 - 134
Methylene Chloride	10.0	12.1		ug/L		121	57 - 130
4-Methyl-2-pentanone (MIBK)	100	99.2		ug/L		99	64 - 137
Methyl tert-butyl ether	10.0	9.99		ug/L		100	67 - 130
Naphthalene	10.0	11.8		ug/L		118	50 - 136
n-Butylbenzene	10.0	11.1		ug/L		111	61 - 131
N-Propylbenzene	10.0	11.0		ug/L		110	67 - 130
o-Xylene	10.0	10.7		ug/L		107	69 - 130
sec-Butylbenzene	10.0	10.9		ug/L		109	68 - 133
Styrene	10.0	10.7		ug/L		107	68 - 131
tert-Butylbenzene	10.0	10.9		ug/L		109	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.4		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.8		ug/L		108	70 - 130
Tetrachloroethene	10.0	9.99		ug/L		100	50 - 143
Toluene	10.0	9.95		ug/L		100	70 - 131
trans-1,2-Dichloroethene	10.0	10.6		ug/L		106	62 - 139
trans-1,3-Dichloropropene	10.0	8.40		ug/L		84	67 - 130
1,2,3-Trichlorobenzene	10.0	11.8		ug/L		118	58 - 132
1,2,4-Trichlorobenzene	10.0	11.5		ug/L		115	66 - 130
1,1,1-Trichloroethane	10.0	9.89		ug/L		99	63 - 132
1,1,2-Trichloroethane	10.0	9.86		ug/L		99	70 - 130
Trichloroethene	10.0	9.97		ug/L		100	63 - 139
Trichlorofluoromethane	10.0	10.7		ug/L		107	62 - 146
1,2,3-Trichloropropane	10.0	11.0		ug/L		110	66 - 130
1,2,4-Trimethylbenzene	10.0	10.8		ug/L		108	70 - 132
1,3,5-Trimethylbenzene	10.0	11.0		ug/L		110	65 - 134
Vinyl chloride	10.0	10.4		ug/L		104	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173248/4
Matrix: Water
Analysis Batch: 173248

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: LCSD 660-173248/5
Matrix: Water
Analysis Batch: 173248

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	105		ug/L		105	62 - 142	1	30
Benzene			10.0	9.53		ug/L		95	68 - 134	2	30
Bromobenzene			10.0	10.3		ug/L		103	70 - 130	5	30
Bromoform			10.0	9.22		ug/L		92	65 - 130	3	30
Bromomethane			10.0	8.20		ug/L		82	22 - 150	4	30
2-Butanone (MEK)			100	104		ug/L		104	63 - 140	3	30
Carbon disulfide			10.0	8.87		ug/L		89	30 - 150	7	30
Carbon tetrachloride			10.0	9.07		ug/L		91	61 - 134	7	30
Chlorobenzene			10.0	9.68		ug/L		97	70 - 130	4	30
Chlorobromomethane			10.0	9.46		ug/L		95	70 - 130	1	30
Chlorodibromomethane			10.0	9.34		ug/L		93	70 - 130	3	30
Chloroethane			10.0	8.14		ug/L		81	39 - 150	19	30
Chloroform			10.0	9.51		ug/L		95	68 - 130	7	30
Chloromethane			10.0	8.79		ug/L		88	35 - 150	9	30
2-Chlorotoluene			10.0	10.2		ug/L		102	70 - 130	6	30
4-Chlorotoluene			10.0	10.3		ug/L		103	70 - 130	2	30
cis-1,2-Dichloroethene			10.0	9.68		ug/L		97	66 - 130	6	30
cis-1,3-Dichloropropene			10.0	9.21		ug/L		92	70 - 130	6	30
1,2-Dibromo-3-Chloropropane			10.0	8.65		ug/L		87	63 - 130	2	30
Dibromomethane			10.0	9.65		ug/L		97	70 - 130	5	30
1,2-Dichlorobenzene			10.0	10.7		ug/L		107	70 - 130	2	30
1,3-Dichlorobenzene			10.0	10.2		ug/L		102	70 - 130	5	30
1,4-Dichlorobenzene			10.0	10.1		ug/L		101	70 - 130	8	30
Dichlorobromomethane			10.0	9.02		ug/L		90	70 - 130	3	30
Dichlorodifluoromethane			10.0	6.45		ug/L		65	16 - 149	9	30
1,1-Dichloroethane			10.0	9.73		ug/L		97	66 - 130	4	30
1,2-Dichloroethane			10.0	9.36		ug/L		94	70 - 130	2	30
1,1-Dichloroethene			10.0	9.95		ug/L		100	51 - 150	6	30
1,2-Dichloropropane			10.0	9.25		ug/L		93	70 - 130	3	30
1,3-Dichloropropane			10.0	9.48		ug/L		95	70 - 130	4	30
2,2-Dichloropropane			10.0	9.46		ug/L		95	66 - 134	6	30
1,1-Dichloropropene			10.0	9.45		ug/L		94	65 - 136	5	30
Ethylbenzene			10.0	9.98		ug/L		100	70 - 130	2	30
Ethylene Dibromide			10.0	9.70		ug/L		97	66 - 130	1	30
Hexachlorobutadiene			10.0	10.6		ug/L		106	62 - 143	16	30
2-Hexanone			100	99.8		ug/L		100	60 - 148	2	30
Isopropylbenzene			10.0	10.3		ug/L		103	62 - 130	6	30
4-Isopropyltoluene			10.0	10.4		ug/L		104	65 - 134	6	30
Methylene Chloride			10.0	12.0		ug/L		120	57 - 130	1	30
4-Methyl-2-pentanone (MIBK)			100	99.4		ug/L		99	64 - 137	0	30
Methyl tert-butyl ether			10.0	9.82		ug/L		98	67 - 130	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173248/5
Matrix: Water
Analysis Batch: 173248

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	10.7		ug/L		107	50 - 136	10	30
n-Butylbenzene			10.0	10.1		ug/L		101	61 - 131	9	30
N-Propylbenzene			10.0	10.3		ug/L		103	67 - 130	6	30
o-Xylene			10.0	10.1		ug/L		101	69 - 130	6	30
sec-Butylbenzene			10.0	10.4		ug/L		104	68 - 133	5	30
Styrene			10.0	10.2		ug/L		102	68 - 131	5	30
tert-Butylbenzene			10.0	10.3		ug/L		103	64 - 130	6	30
1,1,1,2-Tetrachloroethane			10.0	9.87		ug/L		99	70 - 130	6	30
1,1,2,2-Tetrachloroethane			10.0	10.2		ug/L		102	70 - 130	6	30
Tetrachloroethene			10.0	9.60		ug/L		96	50 - 143	4	30
Toluene			10.0	9.43		ug/L		94	70 - 131	5	30
trans-1,2-Dichloroethene			10.0	9.97		ug/L		100	62 - 139	6	30
trans-1,3-Dichloropropene			10.0	8.19		ug/L		82	67 - 130	2	30
1,2,3-Trichlorobenzene			10.0	10.5		ug/L		105	58 - 132	12	30
1,2,4-Trichlorobenzene			10.0	10.6		ug/L		106	66 - 130	8	30
1,1,1-Trichloroethane			10.0	9.39		ug/L		94	63 - 132	5	30
1,1,2-Trichloroethane			10.0	9.50		ug/L		95	70 - 130	4	30
Trichloroethene			10.0	9.30		ug/L		93	63 - 139	7	30
Trichlorofluoromethane			10.0	10.0		ug/L		100	62 - 146	7	30
1,2,3-Trichloropropane			10.0	11.1		ug/L		111	66 - 130	1	30
1,2,4-Trimethylbenzene			10.0	10.0		ug/L		100	70 - 132	8	30
1,3,5-Trimethylbenzene			10.0	10.3		ug/L		103	65 - 134	7	30
Vinyl chloride			10.0	9.19		ug/L		92	48 - 147	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 660-173251/7
Matrix: Water
Analysis Batch: 173251

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/26/16 10:09	1
Benzene	0.50	U	1.0	0.50	ug/L			08/26/16 10:09	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 10:09	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/26/16 10:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/26/16 10:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/26/16 10:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/26/16 10:09	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/26/16 10:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/26/16 10:09	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/26/16 10:09	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/26/16 10:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/26/16 10:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/26/16 10:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/26/16 10:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173251/7
Matrix: Water
Analysis Batch: 173251

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/26/16 10:09	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/26/16 10:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/26/16 10:09	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/26/16 10:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/26/16 10:09	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/26/16 10:09	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/26/16 10:09	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/26/16 10:09	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/26/16 10:09	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/26/16 10:09	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 10:09	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/26/16 10:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/26/16 10:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 10:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/26/16 10:09	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/26/16 10:09	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/26/16 10:09	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/26/16 10:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/26/16 10:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/16 10:09	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/26/16 10:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/26/16 10:09	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/26/16 10:09	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/26/16 10:09	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/26/16 10:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/26/16 10:09	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/26/16 10:09	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/26/16 10:09	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/26/16 10:09	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/26/16 10:09	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/26/16 10:09	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/26/16 10:09	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/26/16 10:09	1
Styrene	0.98	U	2.0	0.98	ug/L			08/26/16 10:09	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/26/16 10:09	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/26/16 10:09	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/26/16 10:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/26/16 10:09	1
Toluene	0.51	U	1.0	0.51	ug/L			08/26/16 10:09	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/26/16 10:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/26/16 10:09	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/26/16 10:09	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/26/16 10:09	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 10:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/26/16 10:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/26/16 10:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/26/16 10:09	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/26/16 10:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173251/7
Matrix: Water
Analysis Batch: 173251

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/26/16 10:09	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/26/16 10:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/26/16 10:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*70 - 130*		*08/26/16 10:09*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/26/16 10:09*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*08/26/16 10:09*	*1*

Lab Sample ID: LCS 660-173251/4
Matrix: Water
Analysis Batch: 173251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	108		ug/L		108	62 - 142
Benzene	10.0	11.3		ug/L		113	68 - 134
Bromobenzene	10.0	9.64		ug/L		96	70 - 130
Bromoform	10.0	8.31		ug/L		83	65 - 130
Bromomethane	10.0	5.17		ug/L		52	22 - 150
2-Butanone (MEK)	100	114		ug/L		114	63 - 140
Carbon disulfide	10.0	12.3		ug/L		123	30 - 150
Carbon tetrachloride	10.0	12.3		ug/L		123	61 - 134
Chlorobenzene	10.0	10.2		ug/L		102	70 - 130
Chlorobromomethane	10.0	12.6		ug/L		126	70 - 130
Chlorodibromomethane	10.0	11.0		ug/L		110	70 - 130
Chloroethane	10.0	11.8		ug/L		118	39 - 150
Chloroform	10.0	12.5		ug/L		125	68 - 130
Chloromethane	10.0	10.1		ug/L		101	35 - 150
2-Chlorotoluene	10.0	9.76		ug/L		98	70 - 130
4-Chlorotoluene	10.0	9.53		ug/L		95	70 - 130
cis-1,2-Dichloroethene	10.0	12.4		ug/L		124	66 - 130
cis-1,3-Dichloropropene	10.0	11.8		ug/L		118	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.77		ug/L		98	63 - 130
Dibromomethane	10.0	11.7		ug/L		117	70 - 130
1,2-Dichlorobenzene	10.0	9.20		ug/L		92	70 - 130
1,3-Dichlorobenzene	10.0	9.79		ug/L		98	70 - 130
1,4-Dichlorobenzene	10.0	9.87		ug/L		99	70 - 130
Dichlorobromomethane	10.0	11.7		ug/L		117	70 - 130
Dichlorodifluoromethane	10.0	11.0		ug/L		110	16 - 149
1,1-Dichloroethane	10.0	12.3		ug/L		123	66 - 130
1,2-Dichloroethane	10.0	11.4		ug/L		114	70 - 130
1,1-Dichloroethene	10.0	12.9		ug/L		129	51 - 150
1,2-Dichloropropane	10.0	11.2		ug/L		112	70 - 130
1,3-Dichloropropane	10.0	11.3		ug/L		113	70 - 130
2,2-Dichloropropane	10.0	12.2		ug/L		122	66 - 134
1,1-Dichloropropene	10.0	11.8		ug/L		118	65 - 136
Ethylbenzene	10.0	10.2		ug/L		102	70 - 130
Ethylene Dibromide	10.0	11.4		ug/L		114	66 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173251/4
Matrix: Water
Analysis Batch: 173251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	10.0	10.3		ug/L		103	62 - 143
2-Hexanone	100	120		ug/L		120	60 - 148
Isopropylbenzene	10.0	10.4		ug/L		104	62 - 130
4-Isopropyltoluene	10.0	10.3		ug/L		103	65 - 134
Methylene Chloride	10.0	11.1		ug/L		111	57 - 130
4-Methyl-2-pentanone (MIBK)	100	133		ug/L		133	64 - 137
Methyl tert-butyl ether	10.0	11.6		ug/L		116	67 - 130
Naphthalene	10.0	8.35		ug/L		84	50 - 136
n-Butylbenzene	10.0	9.66		ug/L		97	61 - 131
N-Propylbenzene	10.0	9.80		ug/L		98	67 - 130
o-Xylene	10.0	10.4		ug/L		104	69 - 130
sec-Butylbenzene	10.0	10.5		ug/L		105	68 - 133
Styrene	10.0	8.89		ug/L		89	68 - 131
tert-Butylbenzene	10.0	10.5		ug/L		105	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.67		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.02		ug/L		90	70 - 130
Tetrachloroethene	10.0	12.8		ug/L		128	50 - 143
Toluene	10.0	13.1		ug/L		131	70 - 131
trans-1,2-Dichloroethene	10.0	12.7		ug/L		127	62 - 139
trans-1,3-Dichloropropene	10.0	11.9		ug/L		119	67 - 130
1,2,3-Trichlorobenzene	10.0	10.2		ug/L		102	58 - 132
1,2,4-Trichlorobenzene	10.0	9.86		ug/L		99	66 - 130
1,1,1-Trichloroethane	10.0	12.5		ug/L		125	63 - 132
1,1,2-Trichloroethane	10.0	11.9		ug/L		119	70 - 130
Trichloroethene	10.0	11.4		ug/L		114	63 - 139
Trichlorofluoromethane	10.0	13.2		ug/L		132	62 - 146
1,2,3-Trichloropropane	10.0	9.24		ug/L		92	66 - 130
1,2,4-Trimethylbenzene	10.0	10.2		ug/L		102	70 - 132
1,3,5-Trimethylbenzene	10.0	9.79		ug/L		98	65 - 134
Vinyl chloride	10.0	12.9		ug/L		129	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*92*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*115*		*70 - 130*

Lab Sample ID: LCSD 660-173251/5
Matrix: Water
Analysis Batch: 173251

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	103		ug/L		103	62 - 142	5	30
Benzene	10.0	11.2		ug/L		112	68 - 134	2	30
Bromobenzene	10.0	10.1		ug/L		101	70 - 130	5	30
Bromoform	10.0	8.41		ug/L		84	65 - 130	1	30
Bromomethane	10.0	4.65	I	ug/L		46	22 - 150	11	30
2-Butanone (MEK)	100	112		ug/L		112	63 - 140	2	30
Carbon disulfide	10.0	12.3		ug/L		123	30 - 150	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173251/5
Matrix: Water
Analysis Batch: 173251

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	10.0	11.9		ug/L		119	61 - 134	4	30
Chlorobenzene	10.0	9.81		ug/L		98	70 - 130	4	30
Chlorobromomethane	10.0	12.3		ug/L		123	70 - 130	2	30
Chlorodibromomethane	10.0	10.4		ug/L		104	70 - 130	6	30
Chloroethane	10.0	10.4		ug/L		104	39 - 150	13	30
Chloroform	10.0	11.9		ug/L		119	68 - 130	5	30
Chloromethane	10.0	10.1		ug/L		101	35 - 150	0	30
2-Chlorotoluene	10.0	10.0		ug/L		100	70 - 130	3	30
4-Chlorotoluene	10.0	9.90		ug/L		99	70 - 130	4	30
cis-1,2-Dichloroethene	10.0	11.9		ug/L		119	66 - 130	4	30
cis-1,3-Dichloropropene	10.0	11.8		ug/L		118	70 - 130	0	30
1,2-Dibromo-3-Chloropropane	10.0	10.8		ug/L		108	63 - 130	10	30
Dibromomethane	10.0	10.8		ug/L		108	70 - 130	8	30
1,2-Dichlorobenzene	10.0	9.99		ug/L		100	70 - 130	8	30
1,3-Dichlorobenzene	10.0	9.60		ug/L		96	70 - 130	2	30
1,4-Dichlorobenzene	10.0	9.83		ug/L		98	70 - 130	0	30
Dichlorobromomethane	10.0	11.3		ug/L		113	70 - 130	3	30
Dichlorodifluoromethane	10.0	10.7		ug/L		107	16 - 149	3	30
1,1-Dichloroethane	10.0	12.3		ug/L		123	66 - 130	0	30
1,2-Dichloroethane	10.0	10.6		ug/L		106	70 - 130	7	30
1,1-Dichloroethene	10.0	12.6		ug/L		126	51 - 150	2	30
1,2-Dichloropropane	10.0	10.9		ug/L		109	70 - 130	3	30
1,3-Dichloropropane	10.0	11.6		ug/L		116	70 - 130	2	30
2,2-Dichloropropane	10.0	12.0		ug/L		120	66 - 134	2	30
1,1-Dichloropropene	10.0	11.2		ug/L		112	65 - 136	6	30
Ethylbenzene	10.0	9.63		ug/L		96	70 - 130	5	30
Ethylene Dibromide	10.0	10.9		ug/L		109	66 - 130	5	30
Hexachlorobutadiene	10.0	10.0		ug/L		100	62 - 143	3	30
2-Hexanone	100	108		ug/L		108	60 - 148	10	30
Isopropylbenzene	10.0	9.90		ug/L		99	62 - 130	5	30
4-Isopropyltoluene	10.0	10.3		ug/L		103	65 - 134	0	30
Methylene Chloride	10.0	13.8	J3	ug/L		138	57 - 130	21	30
4-Methyl-2-pentanone (MIBK)	100	110		ug/L		110	64 - 137	19	30
Methyl tert-butyl ether	10.0	12.5		ug/L		125	67 - 130	7	30
Naphthalene	10.0	8.49		ug/L		85	50 - 136	2	30
n-Butylbenzene	10.0	10.1		ug/L		101	61 - 131	5	30
N-Propylbenzene	10.0	10.1		ug/L		101	67 - 130	3	30
o-Xylene	10.0	9.26		ug/L		93	69 - 130	12	30
sec-Butylbenzene	10.0	10.6		ug/L		106	68 - 133	1	30
Styrene	10.0	8.07		ug/L		81	68 - 131	10	30
tert-Butylbenzene	10.0	10.9		ug/L		109	64 - 130	3	30
1,1,1,2-Tetrachloroethane	10.0	9.50		ug/L		95	70 - 130	2	30
1,1,2,2-Tetrachloroethane	10.0	9.47		ug/L		95	70 - 130	5	30
Tetrachloroethene	10.0	10.8		ug/L		108	50 - 143	16	30
Toluene	10.0	12.0		ug/L		120	70 - 131	9	30
trans-1,2-Dichloroethene	10.0	12.4		ug/L		124	62 - 139	3	30
trans-1,3-Dichloropropene	10.0	12.2		ug/L		122	67 - 130	3	30
1,2,3-Trichlorobenzene	10.0	10.1		ug/L		101	58 - 132	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173251/5
Matrix: Water
Analysis Batch: 173251

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			10.0	9.83		ug/L		98	66 - 130	0	30
1,1,1-Trichloroethane			10.0	11.8		ug/L		118	63 - 132	6	30
1,1,2-Trichloroethane			10.0	11.3		ug/L		113	70 - 130	5	30
Trichloroethene			10.0	10.7		ug/L		107	63 - 139	7	30
Trichlorofluoromethane			10.0	11.6		ug/L		116	62 - 146	13	30
1,2,3-Trichloropropane			10.0	9.44		ug/L		94	66 - 130	2	30
1,2,4-Trimethylbenzene			10.0	10.2		ug/L		102	70 - 132	0	30
1,3,5-Trimethylbenzene			10.0	10.1		ug/L		101	65 - 134	3	30
Vinyl chloride			10.0	10.2		ug/L		102	48 - 147	23	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*112*		*70 - 130*

Lab Sample ID: 660-75655-1 MS
Matrix: Water
Analysis Batch: 173251

Client Sample ID: 2400 TALLEVAST RD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	106		ug/L		106	62 - 142
Benzene	0.50	U	10.0	11.6		ug/L		116	68 - 134
Bromobenzene	0.58	U	10.0	10.9		ug/L		109	70 - 130
Bromoform	0.63	U	10.0	10.7		ug/L		107	65 - 130
Bromomethane	2.5	U	10.0	8.00		ug/L		80	22 - 150
2-Butanone (MEK)	8.4	U	100	121		ug/L		121	63 - 140
Carbon disulfide	1.0	U	10.0	11.0		ug/L		110	30 - 150
Carbon tetrachloride	0.43	U	10.0	12.7		ug/L		127	61 - 134
Chlorobenzene	0.63	U	10.0	10.5		ug/L		105	70 - 130
Chlorobromomethane	0.58	U	10.0	11.4		ug/L		114	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.8		ug/L		108	70 - 130
Chloroethane	2.5	U	10.0	10.9		ug/L		109	39 - 150
Chloroform	0.90	U	10.0	12.2		ug/L		122	68 - 130
Chloromethane	1.0	U	10.0	13.3		ug/L		133	35 - 150
2-Chlorotoluene	0.65	U	10.0	11.3		ug/L		113	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.7		ug/L		107	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	12.0		ug/L		120	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	11.8		ug/L		118	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.79		ug/L		98	63 - 130
Dibromomethane	0.46	U	10.0	11.0		ug/L		110	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.8		ug/L		108	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.3		ug/L		103	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.6		ug/L		106	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.9		ug/L		119	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	15.8	J3	ug/L		158	16 - 149
1,1-Dichloroethane	0.52	U	10.0	12.1		ug/L		121	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.8		ug/L		108	70 - 130
1,1-Dichloroethene	0.67	U	10.0	12.6		ug/L		126	51 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75655-1 MS
Matrix: Water
Analysis Batch: 173251

Client Sample ID: 2400 TALLEVAST RD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	0.52	U	10.0	12.1		ug/L		121	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.7		ug/L		117	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.6		ug/L		116	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.8		ug/L		118	65 - 136
Ethylbenzene	0.44	U	10.0	10.5		ug/L		105	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.8		ug/L		118	66 - 130
Hexachlorobutadiene	0.34	U	10.0	9.26		ug/L		93	62 - 143
2-Hexanone	4.4	U	100	110		ug/L		110	60 - 148
Isopropylbenzene	0.52	U	10.0	11.6		ug/L		116	62 - 130
4-Isopropyltoluene	0.69	U	10.0	10.9		ug/L		109	65 - 134
Methylene Chloride	5.0	U J3	10.0	10.4		ug/L		104	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	117		ug/L		117	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	11.3		ug/L		113	67 - 130
Naphthalene	2.5	U	10.0	7.32		ug/L		73	50 - 136
n-Butylbenzene	0.67	U	10.0	10.6		ug/L		106	61 - 131
N-Propylbenzene	0.59	U	10.0	11.5		ug/L		115	67 - 130
o-Xylene	0.50	U	10.0	10.9		ug/L		109	69 - 130
sec-Butylbenzene	0.63	U	10.0	11.3		ug/L		113	68 - 133
Styrene	0.98	U	10.0	9.48		ug/L		95	68 - 131
tert-Butylbenzene	0.84	U	10.0	11.6		ug/L		116	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.9		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.3		ug/L		103	70 - 130
Tetrachloroethene	0.50	U	10.0	11.4		ug/L		114	50 - 143
Toluene	0.51	U	10.0	11.9		ug/L		119	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	12.2		ug/L		122	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.8		ug/L		108	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.79		ug/L		88	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.37		ug/L		94	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.0		ug/L		120	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.7		ug/L		107	70 - 130
Trichloroethene	0.61	U	10.0	12.1		ug/L		121	63 - 139
Trichlorofluoromethane	2.5	U	10.0	14.0		ug/L		140	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.8		ug/L		108	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.7		ug/L		107	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	10.8		ug/L		108	65 - 134
Vinyl chloride	0.71	U	10.0	14.4		ug/L		144	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

Lab Sample ID: 660-75714-C-1 DU ^T
Matrix: Water
Analysis Batch: 173251

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75714-C-1 DU ^T
Matrix: Water
Analysis Batch: 173251

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Benzene	0.50	U		0.50	U	ug/L				NC	30
Bromobenzene	0.58	U		0.58	U	ug/L				NC	30
Bromoform	0.63	U		0.63	U	ug/L				NC	30
Bromomethane	2.5	U		2.5	U	ug/L				NC	30
2-Butanone (MEK)	8.4	U		8.4	U	ug/L				NC	30
Carbon disulfide	1.0	U		1.0	U	ug/L				NC	30
Carbon tetrachloride	0.43	U		0.43	U	ug/L				NC	30
Chlorobenzene	0.63	U		0.63	U	ug/L				NC	30
Chlorobromomethane	0.58	U		0.58	U	ug/L				NC	30
Chlorodibromomethane	0.31	U		0.31	U	ug/L				NC	30
Chloroethane	2.5	U		2.5	U	ug/L				NC	30
Chloroform	0.90	U		0.90	U	ug/L				NC	30
Chloromethane	1.0	U		1.0	U	ug/L				NC	30
2-Chlorotoluene	0.65	U		0.65	U	ug/L				NC	30
4-Chlorotoluene	0.52	U		0.52	U	ug/L				NC	30
cis-1,2-Dichloroethene	0.65	U		0.65	U	ug/L				NC	30
cis-1,3-Dichloropropene	0.39	U		0.39	U	ug/L				NC	30
1,2-Dibromo-3-Chloropropane	2.5	U		2.5	U	ug/L				NC	30
Dibromomethane	0.46	U		0.46	U	ug/L				NC	30
1,2-Dichlorobenzene	0.49	U		0.49	U	ug/L				NC	30
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	0.52	U		0.52	U	ug/L				NC	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U	J3	5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75714-C-1 DU ^T
Matrix: Water
Analysis Batch: 173251

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*123*		*70 - 130*

Lab Sample ID: MB 660-173308/7
Matrix: Water
Analysis Batch: 173308

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/29/16 11:24	1
Benzene	0.50	U	1.0	0.50	ug/L			08/29/16 11:24	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 11:24	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/29/16 11:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/29/16 11:24	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/29/16 11:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/29/16 11:24	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/29/16 11:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/29/16 11:24	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/29/16 11:24	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/29/16 11:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/29/16 11:24	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/29/16 11:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/29/16 11:24	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/29/16 11:24	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/29/16 11:24	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/29/16 11:24	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/29/16 11:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/29/16 11:24	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/29/16 11:24	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/29/16 11:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173308/7
Matrix: Water
Analysis Batch: 173308

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/29/16 11:24	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/29/16 11:24	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/29/16 11:24	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 11:24	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/29/16 11:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/29/16 11:24	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 11:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/29/16 11:24	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/29/16 11:24	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/29/16 11:24	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/29/16 11:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/29/16 11:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/29/16 11:24	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/29/16 11:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/29/16 11:24	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/29/16 11:24	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/29/16 11:24	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/29/16 11:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/29/16 11:24	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/29/16 11:24	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/29/16 11:24	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/29/16 11:24	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/29/16 11:24	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/29/16 11:24	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/29/16 11:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/29/16 11:24	1
Styrene	0.98	U	2.0	0.98	ug/L			08/29/16 11:24	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/29/16 11:24	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/29/16 11:24	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/29/16 11:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/29/16 11:24	1
Toluene	0.51	U	1.0	0.51	ug/L			08/29/16 11:24	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/29/16 11:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/29/16 11:24	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/29/16 11:24	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/29/16 11:24	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 11:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/29/16 11:24	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/29/16 11:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/29/16 11:24	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/29/16 11:24	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/29/16 11:24	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/29/16 11:24	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/29/16 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/29/16 11:24*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*08/29/16 11:24*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173308/7
Matrix: Water
Analysis Batch: 173308

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		70 - 130		08/29/16 11:24	1

Lab Sample ID: LCS 660-173308/4
Matrix: Water
Analysis Batch: 173308

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	103		ug/L		103	62 - 142
Benzene	10.0	9.86		ug/L		99	68 - 134
Bromobenzene	10.0	10.5		ug/L		105	70 - 130
Bromoform	10.0	9.98		ug/L		100	65 - 130
Bromomethane	10.0	5.19		ug/L		52	22 - 150
2-Butanone (MEK)	100	104		ug/L		104	63 - 140
Carbon disulfide	10.0	8.47		ug/L		85	30 - 150
Carbon tetrachloride	10.0	9.71		ug/L		97	61 - 134
Chlorobenzene	10.0	10.1		ug/L		101	70 - 130
Chlorobromomethane	10.0	9.29		ug/L		93	70 - 130
Chlorodibromomethane	10.0	10.3		ug/L		103	70 - 130
Chloroethane	10.0	18.4	J3	ug/L		184	39 - 150
Chloroform	10.0	9.89		ug/L		99	68 - 130
Chloromethane	10.0	8.29		ug/L		83	35 - 150
2-Chlorotoluene	10.0	10.5		ug/L		105	70 - 130
4-Chlorotoluene	10.0	10.6		ug/L		106	70 - 130
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	66 - 130
cis-1,3-Dichloropropene	10.0	9.95		ug/L		100	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.39		ug/L		94	63 - 130
Dibromomethane	10.0	9.67		ug/L		97	70 - 130
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
1,3-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130
1,4-Dichlorobenzene	10.0	10.8		ug/L		108	70 - 130
Dichlorobromomethane	10.0	9.82		ug/L		98	70 - 130
Dichlorodifluoromethane	10.0	4.96	I	ug/L		50	16 - 149
1,1-Dichloroethane	10.0	10.1		ug/L		101	66 - 130
1,2-Dichloroethane	10.0	9.57		ug/L		96	70 - 130
1,1-Dichloroethene	10.0	9.74		ug/L		97	51 - 150
1,2-Dichloropropane	10.0	9.66		ug/L		97	70 - 130
1,3-Dichloropropane	10.0	9.77		ug/L		98	70 - 130
2,2-Dichloropropane	10.0	9.95		ug/L		100	66 - 134
1,1-Dichloropropene	10.0	9.83		ug/L		98	65 - 136
Ethylbenzene	10.0	10.3		ug/L		103	70 - 130
Ethylene Dibromide	10.0	10.2		ug/L		102	66 - 130
Hexachlorobutadiene	10.0	12.8		ug/L		128	62 - 143
2-Hexanone	100	97.5		ug/L		97	60 - 148
Isopropylbenzene	10.0	10.8		ug/L		108	62 - 130
4-Isopropyltoluene	10.0	10.8		ug/L		108	65 - 134
Methylene Chloride	10.0	11.5		ug/L		115	57 - 130
4-Methyl-2-pentanone (MIBK)	100	97.9		ug/L		98	64 - 137
Methyl tert-butyl ether	10.0	9.63		ug/L		96	67 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173308/4
Matrix: Water
Analysis Batch: 173308

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	10.0	11.5		ug/L		115	50 - 136
n-Butylbenzene	10.0	10.7		ug/L		107	61 - 131
N-Propylbenzene	10.0	10.6		ug/L		106	67 - 130
o-Xylene	10.0	10.3		ug/L		103	69 - 130
sec-Butylbenzene	10.0	10.6		ug/L		106	68 - 133
Styrene	10.0	10.4		ug/L		104	68 - 131
tert-Butylbenzene	10.0	10.7		ug/L		107	64 - 130
1,1,1,2-Tetrachloroethane	10.0	11.0		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.4		ug/L		104	70 - 130
Tetrachloroethene	10.0	10.1		ug/L		101	50 - 143
Toluene	10.0	9.85		ug/L		98	70 - 131
trans-1,2-Dichloroethene	10.0	10.0		ug/L		100	62 - 139
trans-1,3-Dichloropropene	10.0	8.97		ug/L		90	67 - 130
1,2,3-Trichlorobenzene	10.0	11.6		ug/L		116	58 - 132
1,2,4-Trichlorobenzene	10.0	11.8		ug/L		118	66 - 130
1,1,1-Trichloroethane	10.0	9.77		ug/L		98	63 - 132
1,1,2-Trichloroethane	10.0	9.81		ug/L		98	70 - 130
Trichloroethene	10.0	10.0		ug/L		100	63 - 139
Trichlorofluoromethane	10.0	9.60		ug/L		96	62 - 146
1,2,3-Trichloropropane	10.0	10.9		ug/L		109	66 - 130
1,2,4-Trimethylbenzene	10.0	10.4		ug/L		104	70 - 132
1,3,5-Trimethylbenzene	10.0	10.5		ug/L		105	65 - 134
Vinyl chloride	10.0	9.03		ug/L		90	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 660-173308/5
Matrix: Water
Analysis Batch: 173308

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	97.8		ug/L		98	62 - 142	6	30
Benzene	10.0	9.42		ug/L		94	68 - 134	5	30
Bromobenzene	10.0	10.5		ug/L		105	70 - 130	0	30
Bromoform	10.0	9.63		ug/L		96	65 - 130	4	30
Bromomethane	10.0	4.68	I	ug/L		47	22 - 150	10	30
2-Butanone (MEK)	100	101		ug/L		101	63 - 140	3	30
Carbon disulfide	10.0	7.90		ug/L		79	30 - 150	7	30
Carbon tetrachloride	10.0	9.21		ug/L		92	61 - 134	5	30
Chlorobenzene	10.0	9.81		ug/L		98	70 - 130	3	30
Chlorobromomethane	10.0	9.23		ug/L		92	70 - 130	1	30
Chlorodibromomethane	10.0	10.0		ug/L		100	70 - 130	3	30
Chloroethane	10.0	17.0	J3	ug/L		170	39 - 150	8	30
Chloroform	10.0	9.58		ug/L		96	68 - 130	3	30
Chloromethane	10.0	7.93		ug/L		79	35 - 150	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173308/5
Matrix: Water
Analysis Batch: 173308

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorotoluene	10.0	10.4		ug/L		104	70 - 130	1	30
4-Chlorotoluene	10.0	10.3		ug/L		103	70 - 130	3	30
cis-1,2-Dichloroethene	10.0	9.84		ug/L		98	66 - 130	4	30
cis-1,3-Dichloropropene	10.0	9.68		ug/L		97	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	10.0	9.13		ug/L		91	63 - 130	3	30
Dibromomethane	10.0	9.14		ug/L		91	70 - 130	6	30
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130	0	30
1,3-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130	4	30
1,4-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130	3	30
Dichlorobromomethane	10.0	9.49		ug/L		95	70 - 130	3	30
Dichlorodifluoromethane	10.0	4.60	I	ug/L		46	16 - 149	8	30
1,1-Dichloroethane	10.0	9.56		ug/L		96	66 - 130	6	30
1,2-Dichloroethane	10.0	9.26		ug/L		93	70 - 130	3	30
1,1-Dichloroethene	10.0	8.92		ug/L		89	51 - 150	9	30
1,2-Dichloropropane	10.0	9.46		ug/L		95	70 - 130	2	30
1,3-Dichloropropane	10.0	9.70		ug/L		97	70 - 130	1	30
2,2-Dichloropropane	10.0	9.40		ug/L		94	66 - 134	6	30
1,1-Dichloropropene	10.0	9.45		ug/L		94	65 - 136	4	30
Ethylbenzene	10.0	10.3		ug/L		103	70 - 130	0	30
Ethylene Dibromide	10.0	10.1		ug/L		101	66 - 130	1	30
Hexachlorobutadiene	10.0	11.2		ug/L		112	62 - 143	13	30
2-Hexanone	100	97.2		ug/L		97	60 - 148	0	30
Isopropylbenzene	10.0	10.5		ug/L		105	62 - 130	3	30
4-Isopropyltoluene	10.0	10.6		ug/L		106	65 - 134	3	30
Methylene Chloride	10.0	11.6		ug/L		116	57 - 130	1	30
4-Methyl-2-pentanone (MIBK)	100	99.2		ug/L		99	64 - 137	1	30
Methyl tert-butyl ether	10.0	9.43		ug/L		94	67 - 130	2	30
Naphthalene	10.0	10.7		ug/L		107	50 - 136	7	30
n-Butylbenzene	10.0	10.6		ug/L		106	61 - 131	1	30
N-Propylbenzene	10.0	10.5		ug/L		105	67 - 130	2	30
o-Xylene	10.0	11.0		ug/L		110	69 - 130	7	30
sec-Butylbenzene	10.0	10.6		ug/L		106	68 - 133	1	30
Styrene	10.0	11.2		ug/L		112	68 - 131	8	30
tert-Butylbenzene	10.0	10.5		ug/L		105	64 - 130	2	30
1,1,1,2-Tetrachloroethane	10.0	10.3		ug/L		103	70 - 130	6	30
1,1,2,2-Tetrachloroethane	10.0	10.6		ug/L		106	70 - 130	2	30
Tetrachloroethene	10.0	9.83		ug/L		98	50 - 143	3	30
Toluene	10.0	9.66		ug/L		97	70 - 131	2	30
trans-1,2-Dichloroethene	10.0	9.58		ug/L		96	62 - 139	5	30
trans-1,3-Dichloropropene	10.0	8.73		ug/L		87	67 - 130	3	30
1,2,3-Trichlorobenzene	10.0	10.6		ug/L		106	58 - 132	9	30
1,2,4-Trichlorobenzene	10.0	11.0		ug/L		110	66 - 130	7	30
1,1,1-Trichloroethane	10.0	9.53		ug/L		95	63 - 132	3	30
1,1,2-Trichloroethane	10.0	10.1		ug/L		101	70 - 130	3	30
Trichloroethene	10.0	9.60		ug/L		96	63 - 139	4	30
Trichlorofluoromethane	10.0	9.15		ug/L		92	62 - 146	5	30
1,2,3-Trichloropropane	10.0	10.2		ug/L		102	66 - 130	6	30
1,2,4-Trimethylbenzene	10.0	10.3		ug/L		103	70 - 132	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173308/5
Matrix: Water
Analysis Batch: 173308

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3,5-Trimethylbenzene			10.0	10.3		ug/L		103	65 - 134	2	30
Vinyl chloride			10.0	8.54		ug/L		85	48 - 147	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-75647-A-3 MS
Matrix: Water
Analysis Batch: 173308

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	118		ug/L		118	62 - 142
Benzene	4.9		10.0	14.9		ug/L		99	68 - 134
Bromobenzene	0.58	U	10.0	11.7		ug/L		117	70 - 130
Bromoform	0.63	U	10.0	11.4		ug/L		114	65 - 130
Bromomethane	2.5	U	10.0	4.48	I	ug/L		45	22 - 150
2-Butanone (MEK)	8.4	U	100	117		ug/L		117	63 - 140
Carbon disulfide	1.0	U	10.0	8.04		ug/L		80	30 - 150
Carbon tetrachloride	0.43	U	10.0	10.4		ug/L		104	61 - 134
Chlorobenzene	0.63	U	10.0	11.4		ug/L		114	70 - 130
Chlorobromomethane	0.58	U	10.0	10.0		ug/L		100	70 - 130
Chlorodibromomethane	0.31	U	10.0	11.7		ug/L		117	70 - 130
Chloroethane	2.5	U J3	10.0	19.0	J3	ug/L		190	39 - 150
Chloroform	0.90	U	10.0	10.9		ug/L		109	68 - 130
Chloromethane	1.0	U	10.0	10.5		ug/L		105	35 - 150
2-Chlorotoluene	0.65	U	10.0	11.7		ug/L		117	70 - 130
4-Chlorotoluene	0.52	U	10.0	11.9		ug/L		119	70 - 130
cis-1,2-Dichloroethene	3.1		10.0	13.6		ug/L		105	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	11.2		ug/L		112	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	12.0		ug/L		120	63 - 130
Dibromomethane	0.46	U	10.0	10.5		ug/L		105	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	12.3		ug/L		123	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.9		ug/L		119	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	12.2		ug/L		122	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.0		ug/L		110	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	8.72		ug/L		87	16 - 149
1,1-Dichloroethane	1.3		10.0	11.0		ug/L		96	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.2		ug/L		102	70 - 130
1,1-Dichloroethene	0.67	U	10.0	9.52		ug/L		95	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.7		ug/L		107	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.7		ug/L		117	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.87		ug/L		99	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.87		ug/L		99	65 - 136
Ethylbenzene	0.81	I	10.0	12.7		ug/L		119	70 - 130
Ethylene Dibromide	0.50	U	10.0	13.0		ug/L		130	66 - 130
Hexachlorobutadiene	0.34	U	10.0	13.6		ug/L		136	62 - 143

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75647-A-3 MS
Matrix: Water
Analysis Batch: 173308

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	4.4	U	100	126		ug/L		126	60 - 148
Isopropylbenzene	0.52	U	10.0	12.9		ug/L		129	62 - 130
4-Isopropyltoluene	0.69	U	10.0	12.3		ug/L		123	65 - 134
Methylene Chloride	5.0	U	10.0	10.5		ug/L		105	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	120		ug/L		120	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.95		ug/L		99	67 - 130
Naphthalene	2.5	U	10.0	13.2		ug/L		132	50 - 136
n-Butylbenzene	0.67	U	10.0	12.6		ug/L		126	61 - 131
N-Propylbenzene	0.59	U	10.0	12.3		ug/L		123	67 - 130
o-Xylene	0.50	U	10.0	12.0		ug/L		120	69 - 130
sec-Butylbenzene	0.63	U	10.0	12.7		ug/L		127	68 - 133
Styrene	0.98	U	10.0	12.2		ug/L		122	68 - 131
tert-Butylbenzene	0.84	U	10.0	12.2		ug/L		122	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.7		ug/L		117	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	12.8		ug/L		128	70 - 130
Tetrachloroethene	0.50	U	10.0	11.8		ug/L		118	50 - 143
Toluene	6.7		10.0	17.3		ug/L		106	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.2		ug/L		102	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.1		ug/L		101	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	12.4		ug/L		124	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	12.4		ug/L		124	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.2		ug/L		102	63 - 132
1,1,2-Trichloroethane	0.47	U J3	10.0	13.6	J3	ug/L		136	70 - 130
Trichloroethene	0.61	U	10.0	10.7		ug/L		107	63 - 139
Trichlorofluoromethane	2.5	U	10.0	12.2		ug/L		122	62 - 146
1,2,3-Trichloropropane	0.44	U J3	10.0	13.4	J3	ug/L		134	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	12.0		ug/L		120	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	12.1		ug/L		121	65 - 134
Vinyl chloride	0.71	U	10.0	11.5		ug/L		115	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-75664-4 MS
Matrix: Water
Analysis Batch: 173308

Client Sample ID: MW-48 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	117		ug/L		117	62 - 142
Benzene	0.50	U	10.0	9.94		ug/L		99	68 - 134
Bromobenzene	0.58	U	10.0	11.9		ug/L		119	70 - 130
Bromoform	0.63	U	10.0	10.8		ug/L		108	65 - 130
Bromomethane	2.5	U	10.0	3.59	I	ug/L		36	22 - 150
2-Butanone (MEK)	8.4	U	100	114		ug/L		114	63 - 140
Carbon disulfide	1.0	U	10.0	7.50		ug/L		75	30 - 150
Carbon tetrachloride	0.43	U	10.0	10.2		ug/L		102	61 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75664-4 MS
Matrix: Water
Analysis Batch: 173308

Client Sample ID: MW-48 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	0.63	U	10.0	11.6		ug/L		116	70 - 130
Chlorobromomethane	0.58	U	10.0	10.4		ug/L		104	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.9		ug/L		109	70 - 130
Chloroethane	2.5	U J3	10.0	14.1		ug/L		141	39 - 150
Chloroform	0.90	U	10.0	10.6		ug/L		106	68 - 130
Chloromethane	1.0	U	10.0	9.91		ug/L		99	35 - 150
2-Chlorotoluene	0.65	U	10.0	11.7		ug/L		117	70 - 130
4-Chlorotoluene	0.52	U	10.0	12.0		ug/L		120	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.5		ug/L		105	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	11.0		ug/L		110	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.9		ug/L		109	63 - 130
Dibromomethane	0.46	U	10.0	10.5		ug/L		105	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	12.8		ug/L		128	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.9		ug/L		119	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	12.2		ug/L		122	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.7		ug/L		107	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	7.40		ug/L		74	16 - 149
1,1-Dichloroethane	0.52	U	10.0	10.0		ug/L		100	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.1		ug/L		101	70 - 130
1,1-Dichloroethene	0.67	U	10.0	9.51		ug/L		95	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.4		ug/L		104	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.4		ug/L		114	70 - 130
2,2-Dichloropropane	0.36	U	10.0	9.41		ug/L		94	66 - 134
1,1-Dichloropropene	0.65	U	10.0	10.0		ug/L		100	65 - 136
Ethylbenzene	0.44	U	10.0	11.7		ug/L		117	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.2		ug/L		112	66 - 130
Hexachlorobutadiene	0.34	U	10.0	13.5		ug/L		135	62 - 143
2-Hexanone	4.4	U	100	112		ug/L		112	60 - 148
Isopropylbenzene	0.52	U	10.0	12.2		ug/L		122	62 - 130
4-Isopropyltoluene	0.69	U	10.0	12.5		ug/L		125	65 - 134
Methylene Chloride	5.0	U	10.0	9.77	I	ug/L		98	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	115		ug/L		115	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.27		ug/L		93	67 - 130
Naphthalene	2.5	U	10.0	13.1		ug/L		131	50 - 136
n-Butylbenzene	0.67	U	10.0	12.8		ug/L		128	61 - 131
N-Propylbenzene	0.59	U	10.0	12.1		ug/L		121	67 - 130
o-Xylene	0.50	U	10.0	11.7		ug/L		117	69 - 130
sec-Butylbenzene	0.63	U	10.0	12.4		ug/L		124	68 - 133
Styrene	0.98	U	10.0	12.0		ug/L		120	68 - 131
tert-Butylbenzene	0.84	U	10.0	12.3		ug/L		123	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	12.2		ug/L		122	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	12.3		ug/L		123	70 - 130
Tetrachloroethene	0.50	U	10.0	10.9		ug/L		109	50 - 143
Toluene	0.51	U	10.0	10.6		ug/L		106	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.2		ug/L		102	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.52		ug/L		95	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	12.8		ug/L		128	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	12.9		ug/L		129	66 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75664-4 MS
Matrix: Water
Analysis Batch: 173308

Client Sample ID: MW-48 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.47	U	10.0	10.1		ug/L		101	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	11.5		ug/L		115	70 - 130
Trichloroethene	0.61	U	10.0	10.7		ug/L		107	63 - 139
Trichlorofluoromethane	2.5	U	10.0	10.9		ug/L		109	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	12.9		ug/L		129	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	12.1		ug/L		121	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	12.0		ug/L		120	65 - 134
Vinyl chloride	0.71	U	10.0	10.1		ug/L		101	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 660-75664-4 MSD
Matrix: Water
Analysis Batch: 173308

Client Sample ID: MW-48 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	9.9	U	100	112		ug/L		112	62 - 142	5	30
Benzene	0.50	U	10.0	9.94		ug/L		99	68 - 134	0	30
Bromobenzene	0.58	U	10.0	12.1		ug/L		121	70 - 130	2	30
Bromoform	0.63	U	10.0	10.7		ug/L		107	65 - 130	1	30
Bromomethane	2.5	U	10.0	4.18	I	ug/L		42	22 - 150	15	30
2-Butanone (MEK)	8.4	U	100	109		ug/L		109	63 - 140	4	30
Carbon disulfide	1.0	U	10.0	7.78		ug/L		78	30 - 150	4	30
Carbon tetrachloride	0.43	U	10.0	10.3		ug/L		103	61 - 134	2	30
Chlorobenzene	0.63	U	10.0	11.4		ug/L		114	70 - 130	1	30
Chlorobromomethane	0.58	U	10.0	10.0		ug/L		100	70 - 130	4	30
Chlorodibromomethane	0.31	U	10.0	12.1		ug/L		121	70 - 130	10	30
Chloroethane	2.5	U J3	10.0	11.3		ug/L		113	39 - 150	22	30
Chloroform	0.90	U	10.0	11.0		ug/L		110	68 - 130	3	30
Chloromethane	1.0	U	10.0	9.38		ug/L		94	35 - 150	5	30
2-Chlorotoluene	0.65	U	10.0	11.9		ug/L		119	70 - 130	1	30
4-Chlorotoluene	0.52	U	10.0	11.8		ug/L		118	70 - 130	2	30
cis-1,2-Dichloroethene	0.65	U	10.0	10.7		ug/L		107	66 - 130	2	30
cis-1,3-Dichloropropene	0.39	U	10.0	11.7		ug/L		117	70 - 130	7	30
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	11.0		ug/L		110	63 - 130	1	30
Dibromomethane	0.46	U	10.0	10.8		ug/L		108	70 - 130	3	30
1,2-Dichlorobenzene	0.49	U	10.0	12.6		ug/L		126	70 - 130	2	30
1,3-Dichlorobenzene	0.64	U	10.0	12.2		ug/L		122	70 - 130	3	30
1,4-Dichlorobenzene	0.60	U	10.0	12.4		ug/L		124	70 - 130	2	30
Dichlorobromomethane	0.44	U	10.0	11.1		ug/L		111	70 - 130	4	30
Dichlorodifluoromethane	2.5	U	10.0	6.98		ug/L		70	16 - 149	6	30
1,1-Dichloroethane	0.52	U	10.0	9.96		ug/L		100	66 - 130	1	30
1,2-Dichloroethane	0.57	U	10.0	10.0		ug/L		100	70 - 130	0	30
1,1-Dichloroethene	0.67	U	10.0	9.17		ug/L		92	51 - 150	4	30
1,2-Dichloropropane	0.52	U	10.0	11.1		ug/L		111	70 - 130	6	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75664-4 MSD
Matrix: Water
Analysis Batch: 173308

Client Sample ID: MW-48 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropane	0.42	U	10.0	12.1		ug/L		121	70 - 130	6	30
2,2-Dichloropropane	0.36	U	10.0	9.52		ug/L		95	66 - 134	1	30
1,1-Dichloropropene	0.65	U	10.0	10.1		ug/L		101	65 - 136	1	30
Ethylbenzene	0.44	U	10.0	11.6		ug/L		116	70 - 130	1	30
Ethylene Dibromide	0.50	U	10.0	13.0		ug/L		130	66 - 130	14	30
Hexachlorobutadiene	0.34	U	10.0	13.2		ug/L		132	62 - 143	2	30
2-Hexanone	4.4	U	100	120		ug/L		120	60 - 148	7	30
Isopropylbenzene	0.52	U	10.0	12.2		ug/L		122	62 - 130	0	30
4-Isopropyltoluene	0.69	U	10.0	12.5		ug/L		125	65 - 134	0	30
Methylene Chloride	5.0	U	10.0	10.3		ug/L		103	57 - 130	5	30
4-Methyl-2-pentanone (MIBK)	4.0	U	100	123		ug/L		123	64 - 137	7	30
Methyl tert-butyl ether	0.44	U	10.0	9.98		ug/L		100	67 - 130	7	30
Naphthalene	2.5	U	10.0	12.6		ug/L		126	50 - 136	4	30
n-Butylbenzene	0.67	U	10.0	12.5		ug/L		125	61 - 131	2	30
N-Propylbenzene	0.59	U	10.0	12.1		ug/L		121	67 - 130	0	30
o-Xylene	0.50	U	10.0	11.7		ug/L		117	69 - 130	0	30
sec-Butylbenzene	0.63	U	10.0	12.5		ug/L		125	68 - 133	1	30
Styrene	0.98	U	10.0	11.8		ug/L		118	68 - 131	2	30
tert-Butylbenzene	0.84	U	10.0	12.1		ug/L		121	64 - 130	2	30
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.8		ug/L		118	70 - 130	3	30
1,1,2,2-Tetrachloroethane	0.17	U	10.0	12.3		ug/L		123	70 - 130	0	30
Tetrachloroethene	0.50	U	10.0	12.0		ug/L		120	50 - 143	9	30
Toluene	0.51	U	10.0	11.7		ug/L		117	70 - 131	10	30
trans-1,2-Dichloroethene	0.67	U	10.0	10.4		ug/L		104	62 - 139	2	30
trans-1,3-Dichloropropene	0.27	U	10.0	10.3		ug/L		103	67 - 130	8	30
1,2,3-Trichlorobenzene	0.77	U	10.0	12.7		ug/L		127	58 - 132	0	30
1,2,4-Trichlorobenzene	0.58	U	10.0	12.4		ug/L		124	66 - 130	4	30
1,1,1-Trichloroethane	0.47	U	10.0	10.0		ug/L		100	63 - 132	1	30
1,1,2-Trichloroethane	0.47	U	10.0	12.6		ug/L		126	70 - 130	9	30
Trichloroethene	0.61	U	10.0	10.9		ug/L		109	63 - 139	2	30
Trichlorofluoromethane	2.5	U	10.0	10.6		ug/L		106	62 - 146	2	30
1,2,3-Trichloropropane	0.44	U	10.0	12.2		ug/L		122	66 - 130	6	30
1,2,4-Trimethylbenzene	0.86	U	10.0	11.7		ug/L		117	70 - 132	3	30
1,3,5-Trimethylbenzene	0.54	U	10.0	12.1		ug/L		121	65 - 134	2	30
Vinyl chloride	0.71	U	10.0	9.24		ug/L		92	48 - 147	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: 660-75664-9 MS
Matrix: Water
Analysis Batch: 173308

Client Sample ID: MW-65 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	107		ug/L		107	62 - 142
Benzene	0.50	U	10.0	9.78		ug/L		98	68 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75664-9 MS
Matrix: Water
Analysis Batch: 173308

Client Sample ID: MW-65 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	0.58	U	10.0	11.9		ug/L		119	70 - 130
Bromoform	0.63	U	10.0	10.9		ug/L		109	65 - 130
Bromomethane	2.5	U	10.0	3.65	I	ug/L		37	22 - 150
2-Butanone (MEK)	8.4	U	100	112		ug/L		112	63 - 140
Carbon disulfide	1.0	U	10.0	7.29		ug/L		73	30 - 150
Carbon tetrachloride	0.43	U	10.0	10.1		ug/L		101	61 - 134
Chlorobenzene	0.63	U	10.0	11.4		ug/L		114	70 - 130
Chlorobromomethane	0.58	U	10.0	10.0		ug/L		100	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.7		ug/L		107	70 - 130
Chloroethane	2.5	U J3	10.0	13.6		ug/L		136	39 - 150
Chloroform	0.90	U	10.0	10.7		ug/L		107	68 - 130
Chloromethane	1.0	U	10.0	9.36		ug/L		94	35 - 150
2-Chlorotoluene	0.65	U	10.0	11.8		ug/L		118	70 - 130
4-Chlorotoluene	0.52	U	10.0	11.9		ug/L		119	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	10.1		ug/L		101	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	10.7		ug/L		107	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.1		ug/L		101	63 - 130
Dibromomethane	0.46	U	10.0	10.4		ug/L		104	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	12.3		ug/L		123	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.7		ug/L		117	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	12.4		ug/L		124	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.5		ug/L		105	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	7.45		ug/L		74	16 - 149
1,1-Dichloroethane	0.52	U	10.0	9.40		ug/L		94	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.92		ug/L		99	70 - 130
1,1-Dichloroethene	0.67	U	10.0	8.59		ug/L		86	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.5		ug/L		105	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.2		ug/L		112	70 - 130
2,2-Dichloropropane	0.36	U	10.0	8.77		ug/L		88	66 - 134
1,1-Dichloropropene	0.65	U	10.0	10.1		ug/L		101	65 - 136
Ethylbenzene	0.44	U	10.0	11.7		ug/L		117	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.6		ug/L		116	66 - 130
Hexachlorobutadiene	0.34	U	10.0	13.4		ug/L		134	62 - 143
2-Hexanone	4.4	U	100	112		ug/L		112	60 - 148
Isopropylbenzene	0.52	U	10.0	12.4		ug/L		124	62 - 130
4-Isopropyltoluene	0.69	U	10.0	12.3		ug/L		123	65 - 134
Methylene Chloride	5.0	U	10.0	9.56	I	ug/L		96	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	111		ug/L		111	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.23		ug/L		92	67 - 130
Naphthalene	2.5	U	10.0	12.7		ug/L		127	50 - 136
n-Butylbenzene	0.67	U	10.0	12.1		ug/L		121	61 - 131
N-Propylbenzene	0.59	U	10.0	12.3		ug/L		123	67 - 130
o-Xylene	0.50	U	10.0	11.7		ug/L		117	69 - 130
sec-Butylbenzene	0.63	U	10.0	12.7		ug/L		127	68 - 133
Styrene	0.98	U	10.0	12.0		ug/L		120	68 - 131
tert-Butylbenzene	0.84	U	10.0	12.4		ug/L		124	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.7		ug/L		117	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	12.4		ug/L		124	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75664-9 MS
Matrix: Water
Analysis Batch: 173308

Client Sample ID: MW-65 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	0.50	U	10.0	10.6		ug/L		106	50 - 143
Toluene	0.51	U	10.0	10.7		ug/L		107	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.55		ug/L		96	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.30		ug/L		93	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	12.6		ug/L		126	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	12.5		ug/L		125	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.68		ug/L		97	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	11.5		ug/L		115	70 - 130
Trichloroethene	0.61	U	10.0	10.5		ug/L		105	63 - 139
Trichlorofluoromethane	2.5	U	10.0	11.1		ug/L		111	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	12.9		ug/L		129	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	12.0		ug/L		120	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	12.3		ug/L		123	65 - 134
Vinyl chloride	0.71	U	10.0	9.73		ug/L		97	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 660-75664-9 MSD
Matrix: Water
Analysis Batch: 173308

Client Sample ID: MW-65 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	9.9	U	100	106		ug/L		106	62 - 142	0	30
Benzene	0.50	U	10.0	9.99		ug/L		100	68 - 134	2	30
Bromobenzene	0.58	U	10.0	12.0		ug/L		120	70 - 130	1	30
Bromoform	0.63	U	10.0	10.9		ug/L		109	65 - 130	0	30
Bromomethane	2.5	U	10.0	4.33	I	ug/L		43	22 - 150	17	30
2-Butanone (MEK)	8.4	U	100	108		ug/L		108	63 - 140	4	30
Carbon disulfide	1.0	U	10.0	7.83		ug/L		78	30 - 150	7	30
Carbon tetrachloride	0.43	U	10.0	10.1		ug/L		101	61 - 134	0	30
Chlorobenzene	0.63	U	10.0	11.3		ug/L		113	70 - 130	1	30
Chlorobromomethane	0.58	U	10.0	9.62		ug/L		96	70 - 130	4	30
Chlorodibromomethane	0.31	U	10.0	10.9		ug/L		109	70 - 130	2	30
Chloroethane	2.5	U J3	10.0	15.1	J3	ug/L		151	39 - 150	10	30
Chloroform	0.90	U	10.0	10.7		ug/L		107	68 - 130	0	30
Chloromethane	1.0	U	10.0	9.72		ug/L		97	35 - 150	4	30
2-Chlorotoluene	0.65	U	10.0	11.9		ug/L		119	70 - 130	1	30
4-Chlorotoluene	0.52	U	10.0	12.0		ug/L		120	70 - 130	1	30
cis-1,2-Dichloroethene	0.65	U	10.0	10.3		ug/L		103	66 - 130	2	30
cis-1,3-Dichloropropene	0.39	U	10.0	10.9		ug/L		109	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.5		ug/L		105	63 - 130	4	30
Dibromomethane	0.46	U	10.0	10.3		ug/L		103	70 - 130	1	30
1,2-Dichlorobenzene	0.49	U	10.0	12.2		ug/L		122	70 - 130	0	30
1,3-Dichlorobenzene	0.64	U	10.0	12.0		ug/L		120	70 - 130	3	30
1,4-Dichlorobenzene	0.60	U	10.0	12.0		ug/L		120	70 - 130	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75664-9 MSD
Matrix: Water
Analysis Batch: 173308

Client Sample ID: MW-65 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	0.44	U	10.0	10.7		ug/L		107	70 - 130	2	30
Dichlorodifluoromethane	2.5	U	10.0	7.26		ug/L		73	16 - 149	2	30
1,1-Dichloroethane	0.52	U	10.0	9.61		ug/L		96	66 - 130	2	30
1,2-Dichloroethane	0.57	U	10.0	10.0		ug/L		100	70 - 130	1	30
1,1-Dichloroethene	0.67	U	10.0	9.34		ug/L		93	51 - 150	8	30
1,2-Dichloropropane	0.52	U	10.0	10.8		ug/L		108	70 - 130	2	30
1,3-Dichloropropane	0.42	U	10.0	11.1		ug/L		111	70 - 130	1	30
2,2-Dichloropropane	0.36	U	10.0	9.25		ug/L		92	66 - 134	5	30
1,1-Dichloropropene	0.65	U	10.0	10.2		ug/L		102	65 - 136	1	30
Ethylbenzene	0.44	U	10.0	11.8		ug/L		118	70 - 130	0	30
Ethylene Dibromide	0.50	U	10.0	11.1		ug/L		111	66 - 130	5	30
Hexachlorobutadiene	0.34	U	10.0	13.1		ug/L		131	62 - 143	2	30
2-Hexanone	4.4	U	100	108		ug/L		108	60 - 148	4	30
Isopropylbenzene	0.52	U	10.0	12.4		ug/L		124	62 - 130	0	30
4-Isopropyltoluene	0.69	U	10.0	12.4		ug/L		124	65 - 134	1	30
Methylene Chloride	5.0	U	10.0	10.1		ug/L		101	57 - 130	5	30
4-Methyl-2-pentanone (MIBK)	4.0	U	100	111		ug/L		111	64 - 137	0	30
Methyl tert-butyl ether	0.44	U	10.0	9.44		ug/L		94	67 - 130	2	30
Naphthalene	2.5	U	10.0	12.5		ug/L		125	50 - 136	1	30
n-Butylbenzene	0.67	U	10.0	12.4		ug/L		124	61 - 131	3	30
N-Propylbenzene	0.59	U	10.0	12.2		ug/L		122	67 - 130	0	30
o-Xylene	0.50	U	10.0	12.1		ug/L		121	69 - 130	3	30
sec-Butylbenzene	0.63	U	10.0	12.6		ug/L		126	68 - 133	1	30
Styrene	0.98	U	10.0	12.4		ug/L		124	68 - 131	3	30
tert-Butylbenzene	0.84	U	10.0	12.4		ug/L		124	64 - 130	1	30
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.3		ug/L		113	70 - 130	3	30
1,1,2,2-Tetrachloroethane	0.17	U	10.0	12.0		ug/L		120	70 - 130	3	30
Tetrachloroethene	0.50	U	10.0	11.0		ug/L		110	50 - 143	4	30
Toluene	0.51	U	10.0	10.6		ug/L		106	70 - 131	1	30
trans-1,2-Dichloroethene	0.67	U	10.0	9.86		ug/L		99	62 - 139	3	30
trans-1,3-Dichloropropene	0.27	U	10.0	9.07		ug/L		91	67 - 130	2	30
1,2,3-Trichlorobenzene	0.77	U	10.0	12.3		ug/L		123	58 - 132	3	30
1,2,4-Trichlorobenzene	0.58	U	10.0	12.5		ug/L		125	66 - 130	0	30
1,1,1-Trichloroethane	0.47	U	10.0	9.99		ug/L		100	63 - 132	3	30
1,1,2-Trichloroethane	0.47	U	10.0	11.2		ug/L		112	70 - 130	3	30
Trichloroethene	0.61	U	10.0	10.6		ug/L		106	63 - 139	1	30
Trichlorofluoromethane	2.5	U	10.0	11.3		ug/L		113	62 - 146	2	30
1,2,3-Trichloropropane	0.44	U	10.0	12.1		ug/L		121	66 - 130	6	30
1,2,4-Trimethylbenzene	0.86	U	10.0	12.0		ug/L		120	70 - 132	0	30
1,3,5-Trimethylbenzene	0.54	U	10.0	12.2		ug/L		122	65 - 134	1	30
Vinyl chloride	0.71	U	10.0	9.76		ug/L		98	48 - 147	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75647-A-1 DU
Matrix: Water
Analysis Batch: 173308

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Acetone	9.9	U		9.9	U	ug/L				NC	30
Benzene	0.50	U		0.50	U	ug/L				NC	30
Bromobenzene	0.58	U		0.58	U	ug/L				NC	30
Bromoform	0.63	U		0.63	U	ug/L				NC	30
Bromomethane	2.5	U		2.5	U	ug/L				NC	30
2-Butanone (MEK)	8.4	U		8.4	U	ug/L				NC	30
Carbon disulfide	1.0	U		1.0	U	ug/L				NC	30
Carbon tetrachloride	0.43	U		0.43	U	ug/L				NC	30
Chlorobenzene	0.63	U		0.63	U	ug/L				NC	30
Chlorobromomethane	0.58	U		0.58	U	ug/L				NC	30
Chlorodibromomethane	0.31	U		0.31	U	ug/L				NC	30
Chloroethane	2.5	U J3		2.5	U J3	ug/L				NC	30
Chloroform	0.90	U		0.90	U	ug/L				NC	30
Chloromethane	1.0	U		1.0	U	ug/L				NC	30
2-Chlorotoluene	0.65	U		0.65	U	ug/L				NC	30
4-Chlorotoluene	0.52	U		0.52	U	ug/L				NC	30
cis-1,2-Dichloroethene	0.65	U		0.65	U	ug/L				NC	30
cis-1,3-Dichloropropene	0.39	U		0.39	U	ug/L				NC	30
1,2-Dibromo-3-Chloropropane	2.5	U		2.5	U	ug/L				NC	30
Dibromomethane	0.46	U		0.46	U	ug/L				NC	30
1,2-Dichlorobenzene	0.49	U		0.49	U	ug/L				NC	30
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	0.52	U		0.52	U	ug/L				NC	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75647-A-1 DU
Matrix: Water
Analysis Batch: 173308

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 660-173367/7
Matrix: Water
Analysis Batch: 173367

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 09:50	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 09:50	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 09:50	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 09:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 09:50	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 09:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 09:50	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 09:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 09:50	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 09:50	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 09:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 09:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 09:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 09:50	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 09:50	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 09:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 09:50	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 09:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 09:50	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 09:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173367/7
Matrix: Water
Analysis Batch: 173367

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 09:50	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 09:50	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 09:50	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 09:50	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 09:50	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 09:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 09:50	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 09:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 09:50	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 09:50	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 09:50	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 09:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 09:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 09:50	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 09:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 09:50	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 09:50	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 09:50	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 09:50	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 09:50	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 09:50	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 09:50	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 09:50	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 09:50	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 09:50	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 09:50	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 09:50	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 09:50	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 09:50	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 09:50	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 09:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 09:50	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 09:50	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 09:50	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 09:50	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 09:50	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 09:50	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 09:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 09:50	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 09:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 09:50	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 09:50	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 09:50	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 09:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 09:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*70 - 130*		*08/30/16 09:50*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173367/7
Matrix: Water
Analysis Batch: 173367

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	*100*		*70 - 130*		*08/30/16 09:50*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*08/30/16 09:50*	*1*

Lab Sample ID: LCS 660-173367/4
Matrix: Water
Analysis Batch: 173367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	104		ug/L		104	62 - 142
Benzene	10.0	10.8		ug/L		108	68 - 134
Bromobenzene	10.0	11.0		ug/L		110	70 - 130
Bromoform	10.0	10.3		ug/L		103	65 - 130
Bromomethane	10.0	11.2		ug/L		112	22 - 150
2-Butanone (MEK)	100	89.0		ug/L		89	63 - 140
Carbon disulfide	10.0	11.1		ug/L		111	30 - 150
Carbon tetrachloride	10.0	11.2		ug/L		112	61 - 134
Chlorobenzene	10.0	10.6		ug/L		106	70 - 130
Chlorobromomethane	10.0	10.5		ug/L		105	70 - 130
Chlorodibromomethane	10.0	11.5		ug/L		115	70 - 130
Chloroethane	10.0	8.22		ug/L		82	39 - 150
Chloroform	10.0	10.7		ug/L		107	68 - 130
Chloromethane	10.0	9.51		ug/L		95	35 - 150
2-Chlorotoluene	10.0	11.8		ug/L		118	70 - 130
4-Chlorotoluene	10.0	11.8		ug/L		118	70 - 130
cis-1,2-Dichloroethene	10.0	10.8		ug/L		108	66 - 130
cis-1,3-Dichloropropene	10.0	9.99		ug/L		100	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	12.3		ug/L		123	63 - 130
Dibromomethane	10.0	11.4		ug/L		114	70 - 130
1,2-Dichlorobenzene	10.0	11.0		ug/L		110	70 - 130
1,3-Dichlorobenzene	10.0	11.3		ug/L		113	70 - 130
1,4-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
Dichlorobromomethane	10.0	11.2		ug/L		112	70 - 130
Dichlorodifluoromethane	10.0	9.76		ug/L		98	16 - 149
1,1-Dichloroethane	10.0	10.5		ug/L		105	66 - 130
1,2-Dichloroethane	10.0	10.2		ug/L		102	70 - 130
1,1-Dichloroethene	10.0	11.1		ug/L		111	51 - 150
1,2-Dichloropropane	10.0	11.0		ug/L		110	70 - 130
1,3-Dichloropropane	10.0	11.3		ug/L		113	70 - 130
2,2-Dichloropropane	10.0	10.4		ug/L		104	66 - 134
1,1-Dichloropropene	10.0	11.1		ug/L		111	65 - 136
Ethylbenzene	10.0	10.6		ug/L		106	70 - 130
Ethylene Dibromide	10.0	11.4		ug/L		114	66 - 130
Hexachlorobutadiene	10.0	11.1		ug/L		111	62 - 143
2-Hexanone	100	103		ug/L		103	60 - 148
Isopropylbenzene	10.0	11.9		ug/L		119	62 - 130
4-Isopropyltoluene	10.0	10.2		ug/L		102	65 - 134
Methylene Chloride	10.0	12.3		ug/L		123	57 - 130
4-Methyl-2-pentanone (MIBK)	100	90.8		ug/L		91	64 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173367/4
Matrix: Water
Analysis Batch: 173367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	10.0	9.53		ug/L		95	67 - 130
Naphthalene	10.0	9.65		ug/L		96	50 - 136
n-Butylbenzene	10.0	10.2		ug/L		102	61 - 131
N-Propylbenzene	10.0	11.4		ug/L		114	67 - 130
o-Xylene	10.0	10.1		ug/L		101	69 - 130
sec-Butylbenzene	10.0	11.7		ug/L		117	68 - 133
Styrene	10.0	9.47		ug/L		95	68 - 131
tert-Butylbenzene	10.0	11.6		ug/L		116	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.7		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.1		ug/L		111	70 - 130
Tetrachloroethene	10.0	12.1		ug/L		121	50 - 143
Toluene	10.0	11.4		ug/L		114	70 - 131
trans-1,2-Dichloroethene	10.0	10.7		ug/L		107	62 - 139
trans-1,3-Dichloropropene	10.0	11.1		ug/L		111	67 - 130
1,2,3-Trichlorobenzene	10.0	10.5		ug/L		105	58 - 132
1,2,4-Trichlorobenzene	10.0	10.2		ug/L		102	66 - 130
1,1,1-Trichloroethane	10.0	10.5		ug/L		105	63 - 132
1,1,2-Trichloroethane	10.0	11.3		ug/L		113	70 - 130
Trichloroethene	10.0	11.2		ug/L		112	63 - 139
Trichlorofluoromethane	10.0	10.1		ug/L		101	62 - 146
1,2,3-Trichloropropane	10.0	12.6		ug/L		126	66 - 130
1,2,4-Trimethylbenzene	10.0	10.1		ug/L		101	70 - 132
1,3,5-Trimethylbenzene	10.0	12.1		ug/L		121	65 - 134
Vinyl chloride	10.0	9.30		ug/L		93	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 660-173367/5
Matrix: Water
Analysis Batch: 173367

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	99.6		ug/L		100	62 - 142	4	30
Benzene	10.0	9.72		ug/L		97	68 - 134	11	30
Bromobenzene	10.0	9.82		ug/L		98	70 - 130	12	30
Bromoform	10.0	10.0		ug/L		100	65 - 130	2	30
Bromomethane	10.0	10.9		ug/L		109	22 - 150	3	30
2-Butanone (MEK)	100	83.8		ug/L		84	63 - 140	6	30
Carbon disulfide	10.0	9.54		ug/L		95	30 - 150	15	30
Carbon tetrachloride	10.0	10.5		ug/L		105	61 - 134	6	30
Chlorobenzene	10.0	9.75		ug/L		97	70 - 130	9	30
Chlorobromomethane	10.0	9.20		ug/L		92	70 - 130	13	30
Chlorodibromomethane	10.0	9.89		ug/L		99	70 - 130	15	30
Chloroethane	10.0	7.33		ug/L		73	39 - 150	11	30
Chloroform	10.0	9.31		ug/L		93	68 - 130	13	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173367/5
Matrix: Water
Analysis Batch: 173367

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	10.0	8.67		ug/L		87	35 - 150	9	30
2-Chlorotoluene	10.0	10.4		ug/L		104	70 - 130	13	30
4-Chlorotoluene	10.0	10.6		ug/L		106	70 - 130	11	30
cis-1,2-Dichloroethene	10.0	9.45		ug/L		94	66 - 130	14	30
cis-1,3-Dichloropropene	10.0	9.27		ug/L		93	70 - 130	7	30
1,2-Dibromo-3-Chloropropane	10.0	10.2		ug/L		102	63 - 130	19	30
Dibromomethane	10.0	10.2		ug/L		102	70 - 130	11	30
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130	7	30
1,3-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130	11	30
1,4-Dichlorobenzene	10.0	9.81		ug/L		98	70 - 130	11	30
Dichlorobromomethane	10.0	10.0		ug/L		100	70 - 130	11	30
Dichlorodifluoromethane	10.0	9.37		ug/L		94	16 - 149	4	30
1,1-Dichloroethane	10.0	9.54		ug/L		95	66 - 130	10	30
1,2-Dichloroethane	10.0	9.29		ug/L		93	70 - 130	9	30
1,1-Dichloroethene	10.0	9.35		ug/L		93	51 - 150	18	30
1,2-Dichloropropane	10.0	10.1		ug/L		101	70 - 130	8	30
1,3-Dichloropropane	10.0	10.2		ug/L		102	70 - 130	10	30
2,2-Dichloropropane	10.0	9.27		ug/L		93	66 - 134	12	30
1,1-Dichloropropene	10.0	10.0		ug/L		100	65 - 136	10	30
Ethylbenzene	10.0	9.63		ug/L		96	70 - 130	9	30
Ethylene Dibromide	10.0	9.91		ug/L		99	66 - 130	14	30
Hexachlorobutadiene	10.0	10.1		ug/L		101	62 - 143	9	30
2-Hexanone	100	105		ug/L		105	60 - 148	2	30
Isopropylbenzene	10.0	10.8		ug/L		108	62 - 130	10	30
4-Isopropyltoluene	10.0	8.80		ug/L		88	65 - 134	14	30
Methylene Chloride	10.0	11.4		ug/L		114	57 - 130	7	30
4-Methyl-2-pentanone (MIBK)	100	89.1		ug/L		89	64 - 137	2	30
Methyl tert-butyl ether	10.0	8.61		ug/L		86	67 - 130	10	30
Naphthalene	10.0	8.82		ug/L		88	50 - 136	9	30
n-Butylbenzene	10.0	9.31		ug/L		93	61 - 131	9	30
N-Propylbenzene	10.0	10.3		ug/L		103	67 - 130	10	30
o-Xylene	10.0	9.69		ug/L		97	69 - 130	4	30
sec-Butylbenzene	10.0	10.3		ug/L		103	68 - 133	13	30
Styrene	10.0	8.87		ug/L		89	68 - 131	6	30
tert-Butylbenzene	10.0	10.3		ug/L		103	64 - 130	12	30
1,1,1,2-Tetrachloroethane	10.0	9.37		ug/L		94	70 - 130	13	30
1,1,2,2-Tetrachloroethane	10.0	10.3		ug/L		103	70 - 130	7	30
Tetrachloroethene	10.0	9.51		ug/L		95	50 - 143	24	30
Toluene	10.0	10.3		ug/L		103	70 - 131	10	30
trans-1,2-Dichloroethene	10.0	9.82		ug/L		98	62 - 139	9	30
trans-1,3-Dichloropropene	10.0	10.3		ug/L		103	67 - 130	8	30
1,2,3-Trichlorobenzene	10.0	10.0		ug/L		100	58 - 132	5	30
1,2,4-Trichlorobenzene	10.0	9.56		ug/L		96	66 - 130	6	30
1,1,1-Trichloroethane	10.0	9.53		ug/L		95	63 - 132	10	30
1,1,2-Trichloroethane	10.0	10.4		ug/L		104	70 - 130	8	30
Trichloroethene	10.0	9.77		ug/L		98	63 - 139	14	30
Trichlorofluoromethane	10.0	9.91		ug/L		99	62 - 146	2	30
1,2,3-Trichloropropane	10.0	11.0		ug/L		110	66 - 130	13	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173367/5
Matrix: Water
Analysis Batch: 173367

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene			10.0	8.94		ug/L		89	70 - 132	12	30
1,3,5-Trimethylbenzene			10.0	10.2		ug/L		102	65 - 134	17	30
Vinyl chloride			10.0	8.88		ug/L		89	48 - 147	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: 660-75664-18 MS
Matrix: Water
Analysis Batch: 173367

Client Sample ID: MW-102 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	101		ug/L		101	62 - 142
Benzene	0.50	U	10.0	9.67		ug/L		97	68 - 134
Bromobenzene	0.58	U	10.0	12.2		ug/L		122	70 - 130
Bromoform	0.63	U	10.0	12.1		ug/L		121	65 - 130
Bromomethane	2.5	U	10.0	10.4		ug/L		104	22 - 150
2-Butanone (MEK)	8.4	U	100	93.0		ug/L		93	63 - 140
Carbon disulfide	1.0	U	10.0	8.51		ug/L		85	30 - 150
Carbon tetrachloride	0.43	U	10.0	10.4		ug/L		104	61 - 134
Chlorobenzene	0.63	U	10.0	11.2		ug/L		112	70 - 130
Chlorobromomethane	0.58	U	10.0	8.15		ug/L		81	70 - 130
Chlorodibromomethane	0.31	U	10.0	11.8		ug/L		118	70 - 130
Chloroethane	2.5	U	10.0	7.33		ug/L		73	39 - 150
Chloroform	0.90	U	10.0	9.45		ug/L		94	68 - 130
Chloromethane	1.0	U	10.0	7.53		ug/L		75	35 - 150
2-Chlorotoluene	0.65	U J3	10.0	12.5		ug/L		125	70 - 130
4-Chlorotoluene	0.52	U	10.0	12.2		ug/L		122	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.16		ug/L		92	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.18		ug/L		92	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U J3	10.0	14.1	J3	ug/L		141	63 - 130
Dibromomethane	0.46	U	10.0	9.73		ug/L		97	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.6		ug/L		116	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.8		ug/L		118	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.5		ug/L		115	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.9		ug/L		109	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	7.55		ug/L		76	16 - 149
1,1-Dichloroethane	0.52	U	10.0	9.13		ug/L		91	66 - 130
1,2-Dichloroethane	0.57	U	10.0	8.84		ug/L		88	70 - 130
1,1-Dichloroethene	0.67	U	10.0	8.70		ug/L		87	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.5		ug/L		105	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.1		ug/L		111	70 - 130
2,2-Dichloropropane	0.36	U	10.0	8.55		ug/L		85	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.58		ug/L		96	65 - 136
Ethylbenzene	0.44	U	10.0	11.1		ug/L		111	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.7		ug/L		117	66 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75664-18 MS
Matrix: Water
Analysis Batch: 173367

Client Sample ID: MW-102 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	0.34	U	10.0	12.7		ug/L		127	62 - 143
2-Hexanone	4.4	U	100	125		ug/L		125	60 - 148
Isopropylbenzene	0.52	U J3	10.0	12.7		ug/L		127	62 - 130
4-Isopropyltoluene	0.69	U	10.0	10.4		ug/L		104	65 - 134
Methylene Chloride	5.0	U	10.0	7.93	I	ug/L		79	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	95.0		ug/L		95	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	7.40		ug/L		74	67 - 130
Naphthalene	2.5	U	10.0	10.2		ug/L		102	50 - 136
n-Butylbenzene	0.67	U	10.0	10.7		ug/L		107	61 - 131
N-Propylbenzene	0.59	U J3	10.0	12.1		ug/L		121	67 - 130
o-Xylene	0.50	U	10.0	10.6		ug/L		106	69 - 130
sec-Butylbenzene	0.63	U	10.0	12.8		ug/L		128	68 - 133
Styrene	0.98	U	10.0	9.81		ug/L		98	68 - 131
tert-Butylbenzene	0.84	U	10.0	12.3		ug/L		123	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.3		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	12.7		ug/L		127	70 - 130
Tetrachloroethene	0.50	U	10.0	11.0		ug/L		110	50 - 143
Toluene	0.51	U	10.0	11.2		ug/L		112	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.83		ug/L		88	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.6		ug/L		106	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	11.1		ug/L		111	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.9		ug/L		109	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	10.2		ug/L		102	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	11.7		ug/L		117	70 - 130
Trichloroethene	0.61	U	10.0	10.7		ug/L		107	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.64		ug/L		96	62 - 146
1,2,3-Trichloropropane	0.44	U J3	10.0	14.3	J3	ug/L		143	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.2		ug/L		102	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	12.5		ug/L		125	65 - 134
Vinyl chloride	0.71	U	10.0	9.23		ug/L		92	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

Lab Sample ID: 660-75664-18 MSD
Matrix: Water
Analysis Batch: 173367

Client Sample ID: MW-102 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	9.9	U	100	101		ug/L		101	62 - 142	0	30
Benzene	0.50	U	10.0	9.74		ug/L		97	68 - 134	1	30
Bromobenzene	0.58	U	10.0	12.0		ug/L		120	70 - 130	2	30
Bromoform	0.63	U	10.0	12.4		ug/L		124	65 - 130	3	30
Bromomethane	2.5	U	10.0	13.5		ug/L		135	22 - 150	26	30
2-Butanone (MEK)	8.4	U	100	85.0		ug/L		85	63 - 140	9	30
Carbon disulfide	1.0	U	10.0	8.92		ug/L		89	30 - 150	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75664-18 MSD
Matrix: Water
Analysis Batch: 173367

Client Sample ID: MW-102 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	0.43	U	10.0	10.7		ug/L		107	61 - 134	3	30
Chlorobenzene	0.63	U	10.0	11.5		ug/L		115	70 - 130	2	30
Chlorobromomethane	0.58	U	10.0	8.88		ug/L		89	70 - 130	9	30
Chlorodibromomethane	0.31	U	10.0	12.1		ug/L		121	70 - 130	2	30
Chloroethane	2.5	U	10.0	8.02		ug/L		80	39 - 150	9	30
Chloroform	0.90	U	10.0	9.43		ug/L		94	68 - 130	0	30
Chloromethane	1.0	U	10.0	9.06		ug/L		91	35 - 150	18	30
2-Chlorotoluene	0.65	U J3	10.0	13.1	J3	ug/L		131	70 - 130	5	30
4-Chlorotoluene	0.52	U	10.0	13.0		ug/L		130	70 - 130	6	30
cis-1,2-Dichloroethene	0.65	U	10.0	9.52		ug/L		95	66 - 130	4	30
cis-1,3-Dichloropropene	0.39	U	10.0	8.79		ug/L		88	70 - 130	4	30
1,2-Dibromo-3-Chloropropane	2.5	U J3	10.0	13.7	J3	ug/L		137	63 - 130	3	30
Dibromomethane	0.46	U	10.0	10.2		ug/L		102	70 - 130	5	30
1,2-Dichlorobenzene	0.49	U	10.0	12.7		ug/L		127	70 - 130	8	30
1,3-Dichlorobenzene	0.64	U	10.0	12.4		ug/L		124	70 - 130	5	30
1,4-Dichlorobenzene	0.60	U	10.0	12.2		ug/L		122	70 - 130	5	30
Dichlorobromomethane	0.44	U	10.0	11.5		ug/L		115	70 - 130	5	30
Dichlorodifluoromethane	2.5	U	10.0	7.92		ug/L		79	16 - 149	5	30
1,1-Dichloroethane	0.52	U	10.0	8.92		ug/L		89	66 - 130	2	30
1,2-Dichloroethane	0.57	U	10.0	9.43		ug/L		94	70 - 130	6	30
1,1-Dichloroethene	0.67	U	10.0	8.97		ug/L		90	51 - 150	3	30
1,2-Dichloropropane	0.52	U	10.0	10.5		ug/L		105	70 - 130	0	30
1,3-Dichloropropane	0.42	U	10.0	11.4		ug/L		114	70 - 130	2	30
2,2-Dichloropropane	0.36	U	10.0	8.75		ug/L		88	66 - 134	2	30
1,1-Dichloropropene	0.65	U	10.0	10.0		ug/L		100	65 - 136	4	30
Ethylbenzene	0.44	U	10.0	11.4		ug/L		114	70 - 130	4	30
Ethylene Dibromide	0.50	U	10.0	11.6		ug/L		116	66 - 130	0	30
Hexachlorobutadiene	0.34	U	10.0	13.7		ug/L		137	62 - 143	7	30
2-Hexanone	4.4	U	100	116		ug/L		116	60 - 148	7	30
Isopropylbenzene	0.52	U J3	10.0	13.1	J3	ug/L		131	62 - 130	4	30
4-Isopropyltoluene	0.69	U	10.0	11.0		ug/L		110	65 - 134	6	30
Methylene Chloride	5.0	U	10.0	9.39	I	ug/L		94	57 - 130	17	30
4-Methyl-2-pentanone (MIBK)	4.0	U	100	95.8		ug/L		96	64 - 137	1	30
Methyl tert-butyl ether	0.44	U	10.0	7.50		ug/L		75	67 - 130	1	30
Naphthalene	2.5	U	10.0	11.3		ug/L		113	50 - 136	10	30
n-Butylbenzene	0.67	U	10.0	11.5		ug/L		115	61 - 131	8	30
N-Propylbenzene	0.59	U J3	10.0	13.1	J3	ug/L		131	67 - 130	7	30
o-Xylene	0.50	U	10.0	11.7		ug/L		117	69 - 130	11	30
sec-Butylbenzene	0.63	U	10.0	13.3		ug/L		133	68 - 133	4	30
Styrene	0.98	U	10.0	10.8		ug/L		108	68 - 131	9	30
tert-Butylbenzene	0.84	U	10.0	13.0		ug/L		130	64 - 130	6	30
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.2		ug/L		112	70 - 130	8	30
1,1,2,2-Tetrachloroethane	0.17	U	10.0	12.5		ug/L		125	70 - 130	2	30
Tetrachloroethene	0.50	U	10.0	10.9		ug/L		109	50 - 143	0	30
Toluene	0.51	U	10.0	11.3		ug/L		113	70 - 131	1	30
trans-1,2-Dichloroethene	0.67	U	10.0	9.55		ug/L		95	62 - 139	8	30
trans-1,3-Dichloropropene	0.27	U	10.0	10.8		ug/L		108	67 - 130	2	30
1,2,3-Trichlorobenzene	0.77	U	10.0	12.2		ug/L		122	58 - 132	9	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75664-18 MSD
Matrix: Water
Analysis Batch: 173367

Client Sample ID: MW-102 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	0.58	U	10.0	11.8		ug/L		118	66 - 130	8	30
1,1,1-Trichloroethane	0.47	U	10.0	9.87		ug/L		99	63 - 132	4	30
1,1,2-Trichloroethane	0.47	U	10.0	12.2		ug/L		122	70 - 130	5	30
Trichloroethene	0.61	U	10.0	11.1		ug/L		111	63 - 139	4	30
Trichlorofluoromethane	2.5	U	10.0	10.8		ug/L		108	62 - 146	12	30
1,2,3-Trichloropropane	0.44	U J3	10.0	13.0		ug/L		130	66 - 130	10	30
1,2,4-Trimethylbenzene	0.86	U	10.0	10.5		ug/L		105	70 - 132	3	30
1,3,5-Trimethylbenzene	0.54	U	10.0	13.3		ug/L		133	65 - 134	6	30
Vinyl chloride	0.71	U	10.0	8.98		ug/L		90	48 - 147	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*109*		*70 - 130*
Dibromofluoromethane	*94*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 660-173372/7
Matrix: Water
Analysis Batch: 173372

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/30/16 09:54	1
Benzene	0.50	U	1.0	0.50	ug/L			08/30/16 09:54	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 09:54	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/30/16 09:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/30/16 09:54	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/30/16 09:54	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/30/16 09:54	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/30/16 09:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/30/16 09:54	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/30/16 09:54	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/30/16 09:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/30/16 09:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/30/16 09:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/30/16 09:54	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/30/16 09:54	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/30/16 09:54	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/30/16 09:54	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/30/16 09:54	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/30/16 09:54	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/30/16 09:54	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/30/16 09:54	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/30/16 09:54	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/30/16 09:54	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/30/16 09:54	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 09:54	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/30/16 09:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/30/16 09:54	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 09:54	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173372/7
Matrix: Water
Analysis Batch: 173372

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/30/16 09:54	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/30/16 09:54	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/30/16 09:54	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/30/16 09:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/30/16 09:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/30/16 09:54	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/30/16 09:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/30/16 09:54	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/30/16 09:54	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/30/16 09:54	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/30/16 09:54	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/30/16 09:54	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/30/16 09:54	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/30/16 09:54	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/30/16 09:54	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/30/16 09:54	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/30/16 09:54	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/30/16 09:54	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/30/16 09:54	1
Styrene	0.98	U	2.0	0.98	ug/L			08/30/16 09:54	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/30/16 09:54	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/30/16 09:54	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/30/16 09:54	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/30/16 09:54	1
Toluene	0.51	U	1.0	0.51	ug/L			08/30/16 09:54	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/30/16 09:54	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/30/16 09:54	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/30/16 09:54	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/30/16 09:54	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 09:54	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/30/16 09:54	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/30/16 09:54	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/30/16 09:54	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/30/16 09:54	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/30/16 09:54	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/30/16 09:54	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/30/16 09:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/30/16 09:54*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/30/16 09:54*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/30/16 09:54*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173372/4
Matrix: Water
Analysis Batch: 173372

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	103		ug/L		103	62 - 142
Benzene	10.0	9.41		ug/L		94	68 - 134
Bromobenzene	10.0	10.8		ug/L		108	70 - 130
Bromoform	10.0	9.14		ug/L		91	65 - 130
Bromomethane	10.0	5.20		ug/L		52	22 - 150
2-Butanone (MEK)	100	98.3		ug/L		98	63 - 140
Carbon disulfide	10.0	7.79		ug/L		78	30 - 150
Carbon tetrachloride	10.0	9.46		ug/L		95	61 - 134
Chlorobenzene	10.0	10.3		ug/L		103	70 - 130
Chlorobromomethane	10.0	9.70		ug/L		97	70 - 130
Chlorodibromomethane	10.0	9.44		ug/L		94	70 - 130
Chloroethane	10.0	12.6		ug/L		126	39 - 150
Chloroform	10.0	10.0		ug/L		100	68 - 130
Chloromethane	10.0	8.09		ug/L		81	35 - 150
2-Chlorotoluene	10.0	11.0		ug/L		110	70 - 130
4-Chlorotoluene	10.0	11.0		ug/L		110	70 - 130
cis-1,2-Dichloroethene	10.0	9.86		ug/L		99	66 - 130
cis-1,3-Dichloropropene	10.0	9.51		ug/L		95	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.23		ug/L		82	63 - 130
Dibromomethane	10.0	9.88		ug/L		99	70 - 130
1,2-Dichlorobenzene	10.0	11.1		ug/L		111	70 - 130
1,3-Dichlorobenzene	10.0	11.3		ug/L		113	70 - 130
1,4-Dichlorobenzene	10.0	11.2		ug/L		112	70 - 130
Dichlorobromomethane	10.0	9.59		ug/L		96	70 - 130
Dichlorodifluoromethane	10.0	4.58	I	ug/L		46	16 - 149
1,1-Dichloroethane	10.0	9.75		ug/L		98	66 - 130
1,2-Dichloroethane	10.0	9.31		ug/L		93	70 - 130
1,1-Dichloroethene	10.0	9.21		ug/L		92	51 - 150
1,2-Dichloropropane	10.0	9.64		ug/L		96	70 - 130
1,3-Dichloropropane	10.0	9.69		ug/L		97	70 - 130
2,2-Dichloropropane	10.0	9.63		ug/L		96	66 - 134
1,1-Dichloropropene	10.0	9.42		ug/L		94	65 - 136
Ethylbenzene	10.0	10.7		ug/L		107	70 - 130
Ethylene Dibromide	10.0	9.55		ug/L		95	66 - 130
Hexachlorobutadiene	10.0	11.8		ug/L		118	62 - 143
2-Hexanone	100	94.2		ug/L		94	60 - 148
Isopropylbenzene	10.0	11.2		ug/L		112	62 - 130
4-Isopropyltoluene	10.0	11.3		ug/L		113	65 - 134
Methylene Chloride	10.0	11.3		ug/L		113	57 - 130
4-Methyl-2-pentanone (MIBK)	100	96.3		ug/L		96	64 - 137
Methyl tert-butyl ether	10.0	9.18		ug/L		92	67 - 130
Naphthalene	10.0	10.8		ug/L		108	50 - 136
n-Butylbenzene	10.0	11.2		ug/L		112	61 - 131
N-Propylbenzene	10.0	11.2		ug/L		112	67 - 130
o-Xylene	10.0	11.7		ug/L		117	69 - 130
sec-Butylbenzene	10.0	11.3		ug/L		113	68 - 133
Styrene	10.0	11.7		ug/L		117	68 - 131
tert-Butylbenzene	10.0	11.2		ug/L		112	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173372/4
Matrix: Water
Analysis Batch: 173372

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	11.0		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.5		ug/L		105	70 - 130
Tetrachloroethene	10.0	9.93		ug/L		99	50 - 143
Toluene	10.0	9.72		ug/L		97	70 - 131
trans-1,2-Dichloroethene	10.0	10.0		ug/L		100	62 - 139
trans-1,3-Dichloropropene	10.0	8.55		ug/L		85	67 - 130
1,2,3-Trichlorobenzene	10.0	11.0		ug/L		110	58 - 132
1,2,4-Trichlorobenzene	10.0	11.2		ug/L		112	66 - 130
1,1,1-Trichloroethane	10.0	9.62		ug/L		96	63 - 132
1,1,2-Trichloroethane	10.0	9.70		ug/L		97	70 - 130
Trichloroethene	10.0	9.73		ug/L		97	63 - 139
Trichlorofluoromethane	10.0	10.2		ug/L		102	62 - 146
1,2,3-Trichloropropane	10.0	10.9		ug/L		109	66 - 130
1,2,4-Trimethylbenzene	10.0	11.0		ug/L		110	70 - 132
1,3,5-Trimethylbenzene	10.0	10.9		ug/L		109	65 - 134
Vinyl chloride	10.0	9.01		ug/L		90	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 660-173372/5
Matrix: Water
Analysis Batch: 173372

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	104		ug/L		104	62 - 142	1	30
Benzene	10.0	9.09		ug/L		91	68 - 134	3	30
Bromobenzene	10.0	10.3		ug/L		103	70 - 130	5	30
Bromoform	10.0	8.67		ug/L		87	65 - 130	5	30
Bromomethane	10.0	4.55	I	ug/L		46	22 - 150	13	30
2-Butanone (MEK)	100	100		ug/L		100	63 - 140	2	30
Carbon disulfide	10.0	7.26		ug/L		73	30 - 150	7	30
Carbon tetrachloride	10.0	9.12		ug/L		91	61 - 134	4	30
Chlorobenzene	10.0	9.73		ug/L		97	70 - 130	5	30
Chlorobromomethane	10.0	8.96		ug/L		90	70 - 130	8	30
Chlorodibromomethane	10.0	9.86		ug/L		99	70 - 130	4	30
Chloroethane	10.0	14.0		ug/L		140	39 - 150	10	30
Chloroform	10.0	9.62		ug/L		96	68 - 130	4	30
Chloromethane	10.0	7.42		ug/L		74	35 - 150	9	30
2-Chlorotoluene	10.0	10.2		ug/L		102	70 - 130	7	30
4-Chlorotoluene	10.0	10.3		ug/L		103	70 - 130	7	30
cis-1,2-Dichloroethene	10.0	9.45		ug/L		94	66 - 130	4	30
cis-1,3-Dichloropropene	10.0	9.14		ug/L		91	70 - 130	4	30
1,2-Dibromo-3-Chloropropane	10.0	8.82		ug/L		88	63 - 130	7	30
Dibromomethane	10.0	9.58		ug/L		96	70 - 130	3	30
1,2-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173372/5
Matrix: Water
Analysis Batch: 173372

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130	8	30
1,4-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130	7	30
Dichlorobromomethane	10.0	9.20		ug/L		92	70 - 130	4	30
Dichlorodifluoromethane	10.0	4.55	I	ug/L		46	16 - 149	1	30
1,1-Dichloroethane	10.0	9.31		ug/L		93	66 - 130	5	30
1,2-Dichloroethane	10.0	9.52		ug/L		95	70 - 130	2	30
1,1-Dichloroethene	10.0	8.59		ug/L		86	51 - 150	7	30
1,2-Dichloropropane	10.0	9.12		ug/L		91	70 - 130	6	30
1,3-Dichloropropane	10.0	9.82		ug/L		98	70 - 130	1	30
2,2-Dichloropropane	10.0	9.37		ug/L		94	66 - 134	3	30
1,1-Dichloropropene	10.0	9.03		ug/L		90	65 - 136	4	30
Ethylbenzene	10.0	9.99		ug/L		100	70 - 130	7	30
Ethylene Dibromide	10.0	10.1		ug/L		101	66 - 130	6	30
Hexachlorobutadiene	10.0	11.5		ug/L		115	62 - 143	3	30
2-Hexanone	100	98.3		ug/L		98	60 - 148	4	30
Isopropylbenzene	10.0	10.3		ug/L		103	62 - 130	9	30
4-Isopropyltoluene	10.0	10.7		ug/L		107	65 - 134	6	30
Methylene Chloride	10.0	11.4		ug/L		114	57 - 130	1	30
4-Methyl-2-pentanone (MIBK)	100	99.6		ug/L		100	64 - 137	3	30
Methyl tert-butyl ether	10.0	9.24		ug/L		92	67 - 130	1	30
Naphthalene	10.0	10.6		ug/L		106	50 - 136	2	30
n-Butylbenzene	10.0	10.6		ug/L		106	61 - 131	5	30
N-Propylbenzene	10.0	10.3		ug/L		103	67 - 130	8	30
o-Xylene	10.0	10.2		ug/L		102	69 - 130	14	30
sec-Butylbenzene	10.0	10.7		ug/L		107	68 - 133	6	30
Styrene	10.0	10.3		ug/L		103	68 - 131	13	30
tert-Butylbenzene	10.0	10.3		ug/L		103	64 - 130	8	30
1,1,1,2-Tetrachloroethane	10.0	10.4		ug/L		104	70 - 130	6	30
1,1,2,2-Tetrachloroethane	10.0	10.4		ug/L		104	70 - 130	1	30
Tetrachloroethene	10.0	9.40		ug/L		94	50 - 143	5	30
Toluene	10.0	9.22		ug/L		92	70 - 131	5	30
trans-1,2-Dichloroethene	10.0	9.46		ug/L		95	62 - 139	6	30
trans-1,3-Dichloropropene	10.0	8.44		ug/L		84	67 - 130	1	30
1,2,3-Trichlorobenzene	10.0	10.7		ug/L		107	58 - 132	2	30
1,2,4-Trichlorobenzene	10.0	10.8		ug/L		108	66 - 130	4	30
1,1,1-Trichloroethane	10.0	9.39		ug/L		94	63 - 132	2	30
1,1,2-Trichloroethane	10.0	9.86		ug/L		99	70 - 130	2	30
Trichloroethene	10.0	9.51		ug/L		95	63 - 139	2	30
Trichlorofluoromethane	10.0	9.30		ug/L		93	62 - 146	10	30
1,2,3-Trichloropropane	10.0	10.6		ug/L		106	66 - 130	3	30
1,2,4-Trimethylbenzene	10.0	10.3		ug/L		103	70 - 132	7	30
1,3,5-Trimethylbenzene	10.0	10.3		ug/L		103	65 - 134	5	30
Vinyl chloride	10.0	8.44		ug/L		84	48 - 147	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 660-75664-31 MS
Matrix: Water
Analysis Batch: 173372

Client Sample ID: MW-169
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	111		ug/L		111	62 - 142
Benzene	0.50	U	10.0	8.96		ug/L		90	68 - 134
Bromobenzene	0.58	U	10.0	11.0		ug/L		110	70 - 130
Bromoform	0.63	U	10.0	10.2		ug/L		102	65 - 130
Bromomethane	2.5	U	10.0	4.45	I	ug/L		45	22 - 150
2-Butanone (MEK)	8.4	U	100	113		ug/L		113	63 - 140
Carbon disulfide	1.0	U	10.0	6.85		ug/L		68	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.44		ug/L		94	61 - 134
Chlorobenzene	0.63	U	10.0	10.5		ug/L		105	70 - 130
Chlorobromomethane	0.58	U	10.0	9.12		ug/L		91	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.5		ug/L		105	70 - 130
Chloroethane	2.5	U	10.0	13.8		ug/L		138	39 - 150
Chloroform	0.90	U	10.0	9.86		ug/L		99	68 - 130
Chloromethane	1.0	U	10.0	10.7		ug/L		107	35 - 150
2-Chlorotoluene	0.65	U	10.0	11.1		ug/L		111	70 - 130
4-Chlorotoluene	0.52	U	10.0	11.2		ug/L		112	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	9.39		ug/L		94	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.80		ug/L		98	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.4		ug/L		104	63 - 130
Dibromomethane	0.46	U	10.0	9.53		ug/L		95	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.5		ug/L		115	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.1		ug/L		111	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.0		ug/L		110	70 - 130
Dichlorobromomethane	0.44	U	10.0	9.63		ug/L		96	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	9.72		ug/L		97	16 - 149
1,1-Dichloroethane	0.52	U	10.0	8.66		ug/L		87	66 - 130
1,2-Dichloroethane	0.57	U	10.0	9.28		ug/L		93	70 - 130
1,1-Dichloroethene	0.67	U	10.0	8.74		ug/L		87	51 - 150
1,2-Dichloropropane	0.52	U	10.0	9.53		ug/L		95	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.1		ug/L		111	70 - 130
2,2-Dichloropropane	0.36	U	10.0	8.83		ug/L		88	66 - 134
1,1-Dichloropropene	0.65	U	10.0	9.06		ug/L		91	65 - 136
Ethylbenzene	0.44	U	10.0	10.8		ug/L		108	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.6		ug/L		116	66 - 130
Hexachlorobutadiene	0.34	U	10.0	12.5		ug/L		125	62 - 143
2-Hexanone	4.4	U	100	119		ug/L		119	60 - 148
Isopropylbenzene	0.52	U	10.0	11.5		ug/L		115	62 - 130
4-Isopropyltoluene	0.69	U	10.0	11.5		ug/L		115	65 - 134
Methylene Chloride	5.0	U	10.0	9.03	I	ug/L		90	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	114		ug/L		114	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	8.58		ug/L		86	67 - 130
Naphthalene	2.5	U	10.0	11.8		ug/L		118	50 - 136
n-Butylbenzene	0.67	U	10.0	11.7		ug/L		117	61 - 131
N-Propylbenzene	0.59	U	10.0	11.5		ug/L		115	67 - 130
o-Xylene	0.50	U	10.0	10.7		ug/L		107	69 - 130
sec-Butylbenzene	0.63	U	10.0	12.0		ug/L		120	68 - 133
Styrene	0.98	U	10.0	11.1		ug/L		111	68 - 131
tert-Butylbenzene	0.84	U	10.0	11.8		ug/L		118	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.9		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	11.8		ug/L		118	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75664-31 MS
Matrix: Water
Analysis Batch: 173372

Client Sample ID: MW-169
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	0.50	U	10.0	10.8		ug/L		108	50 - 143
Toluene	0.51	U	10.0	9.83		ug/L		98	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	9.36		ug/L		94	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.06		ug/L		91	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	11.3		ug/L		113	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	11.5		ug/L		115	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	9.25		ug/L		92	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	11.5		ug/L		115	70 - 130
Trichloroethene	0.61	U	10.0	9.74		ug/L		97	63 - 139
Trichlorofluoromethane	2.5	U	10.0	12.2		ug/L		122	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	12.2		ug/L		122	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	11.1		ug/L		111	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	11.3		ug/L		113	65 - 134
Vinyl chloride	0.71	U	10.0	11.6		ug/L		116	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-75664-30 DU
Matrix: Water
Analysis Batch: 173372

Client Sample ID: MW-168
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75664-30 DU
Matrix: Water
Analysis Batch: 173372

Client Sample ID: MW-168
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	0.52	U		0.52	U	ug/L				NC	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173417/7
Matrix: Water
Analysis Batch: 173417

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/31/16 09:46	1
Benzene	0.50	U	1.0	0.50	ug/L			08/31/16 09:46	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 09:46	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/31/16 09:46	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/31/16 09:46	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/31/16 09:46	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/31/16 09:46	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/31/16 09:46	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/31/16 09:46	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/31/16 09:46	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/31/16 09:46	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/31/16 09:46	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/31/16 09:46	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/31/16 09:46	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/31/16 09:46	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/31/16 09:46	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/31/16 09:46	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/31/16 09:46	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/31/16 09:46	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/31/16 09:46	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/31/16 09:46	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/31/16 09:46	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/31/16 09:46	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/31/16 09:46	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 09:46	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/31/16 09:46	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/31/16 09:46	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 09:46	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/31/16 09:46	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/31/16 09:46	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/31/16 09:46	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/31/16 09:46	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/31/16 09:46	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/31/16 09:46	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/31/16 09:46	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/31/16 09:46	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/31/16 09:46	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/31/16 09:46	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/31/16 09:46	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/31/16 09:46	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/31/16 09:46	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/31/16 09:46	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/31/16 09:46	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/31/16 09:46	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/31/16 09:46	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/31/16 09:46	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/31/16 09:46	1
Styrene	0.98	U	2.0	0.98	ug/L			08/31/16 09:46	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173417/7
Matrix: Water
Analysis Batch: 173417

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/31/16 09:46	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/31/16 09:46	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/31/16 09:46	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/31/16 09:46	1
Toluene	0.51	U	1.0	0.51	ug/L			08/31/16 09:46	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/31/16 09:46	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/31/16 09:46	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/31/16 09:46	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/31/16 09:46	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 09:46	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/31/16 09:46	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/31/16 09:46	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/31/16 09:46	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/31/16 09:46	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/31/16 09:46	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/31/16 09:46	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/31/16 09:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*08/31/16 09:46*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*08/31/16 09:46*	*1*
Toluene-d8 (Surr)	*122*		*70 - 130*		*08/31/16 09:46*	*1*

Lab Sample ID: LCS 660-173417/4
Matrix: Water
Analysis Batch: 173417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	113		ug/L		113	62 - 142
Benzene	10.0	11.5		ug/L		115	68 - 134
Bromobenzene	10.0	11.1		ug/L		111	70 - 130
Bromoform	10.0	11.2		ug/L		112	65 - 130
Bromomethane	10.0	9.15		ug/L		92	22 - 150
2-Butanone (MEK)	100	91.1		ug/L		91	63 - 140
Carbon disulfide	10.0	11.7		ug/L		117	30 - 150
Carbon tetrachloride	10.0	12.4		ug/L		124	61 - 134
Chlorobenzene	10.0	11.1		ug/L		111	70 - 130
Chlorobromomethane	10.0	10.3		ug/L		103	70 - 130
Chlorodibromomethane	10.0	13.0		ug/L		130	70 - 130
Chloroethane	10.0	10.9		ug/L		109	39 - 150
Chloroform	10.0	11.4		ug/L		114	68 - 130
Chloromethane	10.0	10.0		ug/L		100	35 - 150
2-Chlorotoluene	10.0	11.2		ug/L		112	70 - 130
4-Chlorotoluene	10.0	11.2		ug/L		112	70 - 130
cis-1,2-Dichloroethene	10.0	11.7		ug/L		117	66 - 130
cis-1,3-Dichloropropene	10.0	10.4		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.69		ug/L		97	63 - 130
Dibromomethane	10.0	12.2		ug/L		122	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173417/4
Matrix: Water
Analysis Batch: 173417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
1,3-Dichlorobenzene	10.0	11.0		ug/L		110	70 - 130
1,4-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130
Dichlorobromomethane	10.0	12.2		ug/L		122	70 - 130
Dichlorodifluoromethane	10.0	11.7		ug/L		117	16 - 149
1,1-Dichloroethane	10.0	12.1		ug/L		121	66 - 130
1,2-Dichloroethane	10.0	10.5		ug/L		105	70 - 130
1,1-Dichloroethene	10.0	12.0		ug/L		120	51 - 150
1,2-Dichloropropane	10.0	11.9		ug/L		119	70 - 130
1,3-Dichloropropane	10.0	12.7		ug/L		127	70 - 130
2,2-Dichloropropane	10.0	11.5		ug/L		115	66 - 134
1,1-Dichloropropene	10.0	11.9		ug/L		119	65 - 136
Ethylbenzene	10.0	10.6		ug/L		106	70 - 130
Ethylene Dibromide	10.0	12.7		ug/L		127	66 - 130
Hexachlorobutadiene	10.0	10.9		ug/L		109	62 - 143
2-Hexanone	100	124		ug/L		124	60 - 148
Isopropylbenzene	10.0	11.1		ug/L		111	62 - 130
4-Isopropyltoluene	10.0	9.58		ug/L		96	65 - 134
Methylene Chloride	10.0	12.9		ug/L		129	57 - 130
4-Methyl-2-pentanone (MIBK)	100	98.0		ug/L		98	64 - 137
Methyl tert-butyl ether	10.0	10.3		ug/L		103	67 - 130
Naphthalene	10.0	8.95		ug/L		89	50 - 136
n-Butylbenzene	10.0	9.98		ug/L		100	61 - 131
N-Propylbenzene	10.0	11.0		ug/L		110	67 - 130
o-Xylene	10.0	10.8		ug/L		108	69 - 130
sec-Butylbenzene	10.0	11.3		ug/L		113	68 - 133
Styrene	10.0	9.71		ug/L		97	68 - 131
tert-Butylbenzene	10.0	11.2		ug/L		112	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.3		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.4		ug/L		104	70 - 130
Tetrachloroethene	10.0	13.8		ug/L		138	50 - 143
Toluene	10.0	12.7		ug/L		127	70 - 131
trans-1,2-Dichloroethene	10.0	12.5		ug/L		125	62 - 139
trans-1,3-Dichloropropene	10.0	12.6		ug/L		126	67 - 130
1,2,3-Trichlorobenzene	10.0	9.49		ug/L		95	58 - 132
1,2,4-Trichlorobenzene	10.0	9.89		ug/L		99	66 - 130
1,1,1-Trichloroethane	10.0	11.8		ug/L		118	63 - 132
1,1,2-Trichloroethane	10.0	13.1	J3	ug/L		131	70 - 130
Trichloroethene	10.0	12.7		ug/L		127	63 - 139
Trichlorofluoromethane	10.0	12.1		ug/L		121	62 - 146
1,2,3-Trichloropropane	10.0	11.8		ug/L		118	66 - 130
1,2,4-Trimethylbenzene	10.0	9.51		ug/L		95	70 - 132
1,3,5-Trimethylbenzene	10.0	11.1		ug/L		111	65 - 134
Vinyl chloride	10.0	10.7		ug/L		107	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173417/4
Matrix: Water
Analysis Batch: 173417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	117		70 - 130

Lab Sample ID: LCSD 660-173417/5
Matrix: Water
Analysis Batch: 173417

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	109		ug/L		109	62 - 142	4	30
Benzene			10.0	10.8		ug/L		108	68 - 134	6	30
Bromobenzene			10.0	10.3		ug/L		103	70 - 130	7	30
Bromoform			10.0	10.9		ug/L		109	65 - 130	3	30
Bromomethane			10.0	8.15		ug/L		82	22 - 150	12	30
2-Butanone (MEK)			100	93.9		ug/L		94	63 - 140	3	30
Carbon disulfide			10.0	10.7		ug/L		107	30 - 150	8	30
Carbon tetrachloride			10.0	11.5		ug/L		115	61 - 134	8	30
Chlorobenzene			10.0	10.5		ug/L		105	70 - 130	6	30
Chlorobromomethane			10.0	9.87		ug/L		99	70 - 130	4	30
Chlorodibromomethane			10.0	12.7		ug/L		127	70 - 130	3	30
Chloroethane			10.0	9.14		ug/L		91	39 - 150	17	30
Chloroform			10.0	10.4		ug/L		104	68 - 130	9	30
Chloromethane			10.0	8.29		ug/L		83	35 - 150	19	30
2-Chlorotoluene			10.0	10.4		ug/L		104	70 - 130	7	30
4-Chlorotoluene			10.0	10.7		ug/L		107	70 - 130	5	30
cis-1,2-Dichloroethene			10.0	11.3		ug/L		113	66 - 130	3	30
cis-1,3-Dichloropropene			10.0	10.6		ug/L		106	70 - 130	2	30
1,2-Dibromo-3-Chloropropane			10.0	9.18		ug/L		92	63 - 130	5	30
Dibromomethane			10.0	12.7		ug/L		127	70 - 130	4	30
1,2-Dichlorobenzene			10.0	11.1		ug/L		111	70 - 130	8	30
1,3-Dichlorobenzene			10.0	10.5		ug/L		105	70 - 130	5	30
1,4-Dichlorobenzene			10.0	10.2		ug/L		102	70 - 130	5	30
Dichlorobromomethane			10.0	12.1		ug/L		121	70 - 130	1	30
Dichlorodifluoromethane			10.0	11.7		ug/L		117	16 - 149	0	30
1,1-Dichloroethane			10.0	10.8		ug/L		108	66 - 130	12	30
1,2-Dichloroethane			10.0	10.7		ug/L		107	70 - 130	2	30
1,1-Dichloroethene			10.0	10.7		ug/L		107	51 - 150	11	30
1,2-Dichloropropane			10.0	10.7		ug/L		107	70 - 130	10	30
1,3-Dichloropropane			10.0	12.9		ug/L		129	70 - 130	2	30
2,2-Dichloropropane			10.0	11.2		ug/L		112	66 - 134	3	30
1,1-Dichloropropene			10.0	10.8		ug/L		108	65 - 136	10	30
Ethylbenzene			10.0	9.84		ug/L		98	70 - 130	8	30
Ethylene Dibromide			10.0	12.9		ug/L		129	66 - 130	2	30
Hexachlorobutadiene			10.0	9.56		ug/L		96	62 - 143	13	30
2-Hexanone			100	134		ug/L		134	60 - 148	8	30
Isopropylbenzene			10.0	10.8		ug/L		108	62 - 130	3	30
4-Isopropyltoluene			10.0	9.04		ug/L		90	65 - 134	6	30
Methylene Chloride			10.0	13.0		ug/L		130	57 - 130	1	30
4-Methyl-2-pentanone (MIBK)			100	106		ug/L		106	64 - 137	8	30
Methyl tert-butyl ether			10.0	10.2		ug/L		102	67 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173417/5
Matrix: Water
Analysis Batch: 173417

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	8.41		ug/L		84	50 - 136	6	30
n-Butylbenzene			10.0	9.04		ug/L		90	61 - 131	10	30
N-Propylbenzene			10.0	10.6		ug/L		106	67 - 130	4	30
o-Xylene			10.0	9.71		ug/L		97	69 - 130	11	30
sec-Butylbenzene			10.0	10.8		ug/L		108	68 - 133	4	30
Styrene			10.0	8.86		ug/L		89	68 - 131	9	30
tert-Butylbenzene			10.0	10.4		ug/L		104	64 - 130	8	30
1,1,1,2-Tetrachloroethane			10.0	9.92		ug/L		99	70 - 130	4	30
1,1,2,2-Tetrachloroethane			10.0	11.2		ug/L		112	70 - 130	8	30
Tetrachloroethene			10.0	12.9		ug/L		129	50 - 143	7	30
Toluene			10.0	12.3		ug/L		123	70 - 131	3	30
trans-1,2-Dichloroethene			10.0	11.7		ug/L		117	62 - 139	6	30
trans-1,3-Dichloropropene			10.0	12.2		ug/L		122	67 - 130	3	30
1,2,3-Trichlorobenzene			10.0	9.39		ug/L		94	58 - 132	1	30
1,2,4-Trichlorobenzene			10.0	9.18		ug/L		92	66 - 130	7	30
1,1,1-Trichloroethane			10.0	10.6		ug/L		106	63 - 132	10	30
1,1,2-Trichloroethane			10.0	13.7	J3	ug/L		137	70 - 130	4	30
Trichloroethene			10.0	10.8		ug/L		108	63 - 139	16	30
Trichlorofluoromethane			10.0	11.1		ug/L		111	62 - 146	9	30
1,2,3-Trichloropropane			10.0	11.8		ug/L		118	66 - 130	1	30
1,2,4-Trimethylbenzene			10.0	9.04		ug/L		90	70 - 132	5	30
1,3,5-Trimethylbenzene			10.0	10.5		ug/L		105	65 - 134	6	30
Vinyl chloride			10.0	9.13		ug/L		91	48 - 147	16	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*120*		*70 - 130*

Lab Sample ID: 660-75747-12 MS
Matrix: Water
Analysis Batch: 173417

Client Sample ID: MW-72 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	117		ug/L		117	62 - 142
Benzene	0.50	U	10.0	11.3		ug/L		113	68 - 134
Bromobenzene	0.58	U	10.0	12.9		ug/L		129	70 - 130
Bromoform	0.63	U	10.0	12.2		ug/L		122	65 - 130
Bromomethane	2.5	U	10.0	9.97		ug/L		100	22 - 150
2-Butanone (MEK)	8.4	U	100	94.6		ug/L		95	63 - 140
Carbon disulfide	1.0	U	10.0	10.9		ug/L		109	30 - 150
Carbon tetrachloride	0.43	U	10.0	13.0		ug/L		130	61 - 134
Chlorobenzene	0.63	U	10.0	11.1		ug/L		111	70 - 130
Chlorobromomethane	0.58	U	10.0	10.2		ug/L		102	70 - 130
Chlorodibromomethane	0.31	U	10.0	12.8		ug/L		128	70 - 130
Chloroethane	2.5	U J3	10.0	18.2	J3	ug/L		182	39 - 150
Chloroform	0.90	U	10.0	11.0		ug/L		110	68 - 130
Chloromethane	1.0	U	10.0	10.3		ug/L		103	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75747-12 MS
Matrix: Water
Analysis Batch: 173417

Client Sample ID: MW-72 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	12.5		ug/L		125	70 - 130
4-Chlorotoluene	0.52	U	10.0	12.1		ug/L		121	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	11.9		ug/L		119	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	10.5		ug/L		105	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	11.0		ug/L		110	63 - 130
Dibromomethane	0.46	U	10.0	12.0		ug/L		120	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.2		ug/L		112	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.7		ug/L		107	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.5		ug/L		105	70 - 130
Dichlorobromomethane	0.44	U	10.0	12.6		ug/L		126	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	21.9	J3	ug/L		219	16 - 149
1,1-Dichloroethane	0.52	U	10.0	11.4		ug/L		114	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.5		ug/L		105	70 - 130
1,1-Dichloroethene	0.67	U	10.0	11.8		ug/L		118	51 - 150
1,2-Dichloropropane	0.52	U	10.0	12.2		ug/L		122	70 - 130
1,3-Dichloropropane	0.42	U	10.0	12.2		ug/L		122	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.5		ug/L		115	66 - 134
1,1-Dichloropropene	0.65	U	10.0	12.0		ug/L		120	65 - 136
Ethylbenzene	0.44	U	10.0	11.1		ug/L		111	70 - 130
Ethylene Dibromide	0.50	U	10.0	13.0		ug/L		130	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.7		ug/L		117	62 - 143
2-Hexanone	4.4	U	100	125		ug/L		125	60 - 148
Isopropylbenzene	0.52	U	10.0	12.8		ug/L		128	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.72		ug/L		97	65 - 134
Methylene Chloride	5.0	U	10.0	11.6		ug/L		116	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	106		ug/L		106	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.3		ug/L		103	67 - 130
Naphthalene	2.5	U	10.0	9.39		ug/L		94	50 - 136
n-Butylbenzene	0.67	U	10.0	10.4		ug/L		104	61 - 131
N-Propylbenzene	0.59	U	10.0	12.4		ug/L		124	67 - 130
o-Xylene	0.50	U	10.0	11.1		ug/L		111	69 - 130
sec-Butylbenzene	0.63	U	10.0	12.7		ug/L		127	68 - 133
Styrene	0.98	U	10.0	10.1		ug/L		101	68 - 131
tert-Butylbenzene	0.84	U	10.0	12.2		ug/L		122	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.8		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	12.5		ug/L		125	70 - 130
Tetrachloroethene	0.50	U	10.0	13.7		ug/L		137	50 - 143
Toluene	0.51	U	10.0	12.9		ug/L		129	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	12.2		ug/L		122	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	11.7		ug/L		117	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.6		ug/L		106	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.4		ug/L		104	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.0		ug/L		120	63 - 132
1,1,2-Trichloroethane	0.47	U J3	10.0	12.0		ug/L		120	70 - 130
Trichloroethene	0.61	U	10.0	12.2		ug/L		122	63 - 139
Trichlorofluoromethane	2.5	U	10.0	11.7		ug/L		117	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	12.0		ug/L		120	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.5		ug/L		105	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75747-12 MS
Matrix: Water
Analysis Batch: 173417

Client Sample ID: MW-72 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	12.6		ug/L		126	65 - 134
Vinyl chloride	0.71	U	10.0	9.51		ug/L		95	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*114*		*70 - 130*

Lab Sample ID: 660-75747-12 MSD
Matrix: Water
Analysis Batch: 173417

Client Sample ID: MW-72 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	9.9	U	100	109		ug/L		109	62 - 142	7	30
Benzene	0.50	U	10.0	11.3		ug/L		113	68 - 134	0	30
Bromobenzene	0.58	U	10.0	10.5		ug/L		105	70 - 130	20	30
Bromoform	0.63	U	10.0	11.3		ug/L		113	65 - 130	7	30
Bromomethane	2.5	U	10.0	12.1		ug/L		121	22 - 150	20	30
2-Butanone (MEK)	8.4	U	100	94.8		ug/L		95	63 - 140	0	30
Carbon disulfide	1.0	U	10.0	10.9		ug/L		109	30 - 150	0	30
Carbon tetrachloride	0.43	U	10.0	12.1		ug/L		121	61 - 134	7	30
Chlorobenzene	0.63	U	10.0	10.7		ug/L		107	70 - 130	3	30
Chlorobromomethane	0.58	U	10.0	10.1		ug/L		101	70 - 130	1	30
Chlorodibromomethane	0.31	U	10.0	12.0		ug/L		120	70 - 130	6	30
Chloroethane	2.5	U J3	10.0	22.6	J3	ug/L		226	39 - 150	22	30
Chloroform	0.90	U	10.0	10.9		ug/L		109	68 - 130	1	30
Chloromethane	1.0	U	10.0	9.17		ug/L		92	35 - 150	12	30
2-Chlorotoluene	0.65	U	10.0	11.3		ug/L		113	70 - 130	10	30
4-Chlorotoluene	0.52	U	10.0	10.9		ug/L		109	70 - 130	10	30
cis-1,2-Dichloroethene	0.65	U	10.0	11.1		ug/L		111	66 - 130	7	30
cis-1,3-Dichloropropene	0.39	U	10.0	9.79		ug/L		98	70 - 130	7	30
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.6		ug/L		106	63 - 130	4	30
Dibromomethane	0.46	U	10.0	11.5		ug/L		115	70 - 130	5	30
1,2-Dichlorobenzene	0.49	U	10.0	10.9		ug/L		109	70 - 130	3	30
1,3-Dichlorobenzene	0.64	U	10.0	10.8		ug/L		108	70 - 130	0	30
1,4-Dichlorobenzene	0.60	U	10.0	10.6		ug/L		106	70 - 130	0	30
Dichlorobromomethane	0.44	U	10.0	11.7		ug/L		117	70 - 130	8	30
Dichlorodifluoromethane	2.5	U J3	10.0	17.9	J3	ug/L		179	16 - 149	20	30
1,1-Dichloroethane	0.52	U	10.0	11.0		ug/L		110	66 - 130	3	30
1,2-Dichloroethane	0.57	U	10.0	10.2		ug/L		102	70 - 130	4	30
1,1-Dichloroethene	0.67	U	10.0	11.0		ug/L		110	51 - 150	7	30
1,2-Dichloropropane	0.52	U	10.0	11.9		ug/L		119	70 - 130	2	30
1,3-Dichloropropane	0.42	U	10.0	12.1		ug/L		121	70 - 130	1	30
2,2-Dichloropropane	0.36	U	10.0	11.4		ug/L		114	66 - 134	2	30
1,1-Dichloropropene	0.65	U	10.0	12.1		ug/L		121	65 - 136	0	30
Ethylbenzene	0.44	U	10.0	10.6		ug/L		106	70 - 130	4	30
Ethylene Dibromide	0.50	U	10.0	12.5		ug/L		125	66 - 130	4	30
Hexachlorobutadiene	0.34	U	10.0	11.7		ug/L		117	62 - 143	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75747-12 MSD
Matrix: Water
Analysis Batch: 173417

Client Sample ID: MW-72 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	4.4	U	100	118		ug/L		118	60 - 148	6	30
Isopropylbenzene	0.52	U	10.0	11.5		ug/L		115	62 - 130	11	30
4-Isopropyltoluene	0.69	U	10.0	9.74		ug/L		97	65 - 134	0	30
Methylene Chloride	5.0	U	10.0	11.5		ug/L		115	57 - 130	0	30
4-Methyl-2-pentanone (MIBK)	4.0	U	100	99.6		ug/L		100	64 - 137	6	30
Methyl tert-butyl ether	0.44	U	10.0	9.63		ug/L		96	67 - 130	7	30
Naphthalene	2.5	U	10.0	8.83		ug/L		88	50 - 136	6	30
n-Butylbenzene	0.67	U	10.0	10.2		ug/L		102	61 - 131	1	30
N-Propylbenzene	0.59	U	10.0	11.3		ug/L		113	67 - 130	10	30
o-Xylene	0.50	U	10.0	10.1		ug/L		101	69 - 130	10	30
sec-Butylbenzene	0.63	U	10.0	11.7		ug/L		117	68 - 133	8	30
Styrene	0.98	U	10.0	9.33		ug/L		93	68 - 131	8	30
tert-Butylbenzene	0.84	U	10.0	11.4		ug/L		114	64 - 130	7	30
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.3		ug/L		103	70 - 130	4	30
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.2		ug/L		102	70 - 130	20	30
Tetrachloroethene	0.50	U	10.0	13.5		ug/L		135	50 - 143	2	30
Toluene	0.51	U	10.0	12.4		ug/L		124	70 - 131	4	30
trans-1,2-Dichloroethene	0.67	U	10.0	12.3		ug/L		123	62 - 139	1	30
trans-1,3-Dichloropropene	0.27	U	10.0	11.2		ug/L		112	67 - 130	4	30
1,2,3-Trichlorobenzene	0.77	U	10.0	10.1		ug/L		101	58 - 132	4	30
1,2,4-Trichlorobenzene	0.58	U	10.0	9.93		ug/L		99	66 - 130	5	30
1,1,1-Trichloroethane	0.47	U	10.0	11.3		ug/L		113	63 - 132	6	30
1,1,2-Trichloroethane	0.47	U J3	10.0	12.4		ug/L		124	70 - 130	3	30
Trichloroethene	0.61	U	10.0	11.9		ug/L		119	63 - 139	2	30
Trichlorofluoromethane	2.5	U	10.0	13.7		ug/L		137	62 - 146	16	30
1,2,3-Trichloropropane	0.44	U	10.0	12.1		ug/L		121	66 - 130	1	30
1,2,4-Trimethylbenzene	0.86	U	10.0	9.43		ug/L		94	70 - 132	11	30
1,3,5-Trimethylbenzene	0.54	U	10.0	11.3		ug/L		113	65 - 134	11	30
Vinyl chloride	0.71	U	10.0	12.1		ug/L		121	48 - 147	24	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*113*		*70 - 130*

Lab Sample ID: 660-75747-15 MS
Matrix: Water
Analysis Batch: 173417

Client Sample ID: MW-80 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	110		ug/L		110	62 - 142
Benzene	0.50	U	10.0	11.6		ug/L		116	68 - 134
Bromobenzene	0.58	U	10.0	11.4		ug/L		114	70 - 130
Bromoform	0.63	U	10.0	11.3		ug/L		113	65 - 130
Bromomethane	2.5	U	10.0	7.82		ug/L		78	22 - 150
2-Butanone (MEK)	8.4	U	100	104		ug/L		104	63 - 140
Carbon disulfide	1.0	U	10.0	9.63		ug/L		96	30 - 150
Carbon tetrachloride	0.43	U J3	10.0	12.7		ug/L		127	61 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75747-15 MS
Matrix: Water
Analysis Batch: 173417

Client Sample ID: MW-80 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	0.63	U	10.0	11.0		ug/L		110	70 - 130
Chlorobromomethane	0.58	U	10.0	10.7		ug/L		107	70 - 130
Chlorodibromomethane	0.31	U J3	10.0	10.2		ug/L		102	70 - 130
Chloroethane	2.5	U	10.0	12.9		ug/L		129	39 - 150
Chloroform	0.90	U	10.0	11.2		ug/L		112	68 - 130
Chloromethane	1.0	U	10.0	9.84		ug/L		98	35 - 150
2-Chlorotoluene	0.65	U	10.0	11.2		ug/L		112	70 - 130
4-Chlorotoluene	0.52	U	10.0	11.2		ug/L		112	70 - 130
cis-1,2-Dichloroethene	0.97	I J3	10.0	11.9		ug/L		109	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	8.81		ug/L		88	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	12.0		ug/L		120	63 - 130
Dibromomethane	0.46	U J3	10.0	11.2		ug/L		112	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.9		ug/L		109	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.7		ug/L		107	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.7		ug/L		107	70 - 130
Dichlorobromomethane	0.44	U J3	10.0	11.1		ug/L		111	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	12.6		ug/L		126	16 - 149
1,1-Dichloroethane	0.52	U J3	10.0	11.1		ug/L		111	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.8		ug/L		108	70 - 130
1,1-Dichloroethene	9.6		10.0	19.2		ug/L		96	51 - 150
1,2-Dichloropropane	0.52	U J3	10.0	11.3		ug/L		113	70 - 130
1,3-Dichloropropane	0.42	U J3	10.0	11.6		ug/L		116	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.3		ug/L		103	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.7		ug/L		117	65 - 136
Ethylbenzene	0.44	U	10.0	10.5		ug/L		105	70 - 130
Ethylene Dibromide	0.50	U J3	10.0	10.5		ug/L		105	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.1		ug/L		111	62 - 143
2-Hexanone	4.4	U J3	100	129		ug/L		129	60 - 148
Isopropylbenzene	0.52	U	10.0	11.7		ug/L		117	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.47		ug/L		95	65 - 134
Methylene Chloride	5.0	U J3	10.0	11.2		ug/L		112	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	98.6		ug/L		99	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.55		ug/L		95	67 - 130
Naphthalene	2.5	U	10.0	9.10		ug/L		91	50 - 136
n-Butylbenzene	0.67	U	10.0	9.77		ug/L		98	61 - 131
N-Propylbenzene	0.59	U	10.0	11.0		ug/L		110	67 - 130
o-Xylene	0.50	U	10.0	10.3		ug/L		103	69 - 130
sec-Butylbenzene	0.63	U	10.0	11.4		ug/L		114	68 - 133
Styrene	0.98	U	10.0	9.46		ug/L		95	68 - 131
tert-Butylbenzene	0.84	U	10.0	11.3		ug/L		113	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.2		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	11.2		ug/L		112	70 - 130
Tetrachloroethene	0.50	U J3	10.0	11.7		ug/L		117	50 - 143
Toluene	0.51	U J3	10.0	11.9		ug/L		119	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	11.7		ug/L		117	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.2		ug/L		102	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.3		ug/L		103	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.97		ug/L		100	66 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75747-15 MS
Matrix: Water
Analysis Batch: 173417

Client Sample ID: MW-80 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.47	U J3	10.0	11.8		ug/L		118	63 - 132
1,1,2-Trichloroethane	0.47	U J3	10.0	11.2		ug/L		112	70 - 130
Trichloroethene	1.9		10.0	13.7		ug/L		118	63 - 139
Trichlorofluoromethane	2.5	U J3	10.0	10.1		ug/L		101	62 - 146
1,2,3-Trichloropropane	0.44	U J3	10.0	12.1		ug/L		121	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.41		ug/L		94	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	11.3		ug/L		113	65 - 134
Vinyl chloride	0.71	U J3	10.0	9.59		ug/L		96	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: 660-75747-15 MSD
Matrix: Water
Analysis Batch: 173417

Client Sample ID: MW-80 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	9.9	U	100	125		ug/L		125	62 - 142	12	30
Benzene	0.50	U	10.0	12.0		ug/L		120	68 - 134	3	30
Bromobenzene	0.58	U	10.0	12.0		ug/L		120	70 - 130	5	30
Bromoform	0.63	U	10.0	12.3		ug/L		123	65 - 130	8	30
Bromomethane	2.5	U	10.0	9.52		ug/L		95	22 - 150	20	30
2-Butanone (MEK)	8.4	U	100	109		ug/L		109	63 - 140	5	30
Carbon disulfide	1.0	U	10.0	12.2		ug/L		122	30 - 150	24	30
Carbon tetrachloride	0.43	U J3	10.0	14.7	J3	ug/L		147	61 - 134	14	30
Chlorobenzene	0.63	U	10.0	11.7		ug/L		117	70 - 130	6	30
Chlorobromomethane	0.58	U	10.0	12.0		ug/L		120	70 - 130	12	30
Chlorodibromomethane	0.31	U J3	10.0	13.3	J3	ug/L		133	70 - 130	26	30
Chloroethane	2.5	U	10.0	14.8		ug/L		148	39 - 150	14	30
Chloroform	0.90	U	10.0	12.7		ug/L		127	68 - 130	13	30
Chloromethane	1.0	U	10.0	12.7		ug/L		127	35 - 150	26	30
2-Chlorotoluene	0.65	U	10.0	11.6		ug/L		116	70 - 130	4	30
4-Chlorotoluene	0.52	U	10.0	11.4		ug/L		114	70 - 130	1	30
cis-1,2-Dichloroethene	0.97	I J3	10.0	14.1	J3	ug/L		131	66 - 130	17	30
cis-1,3-Dichloropropene	0.39	U	10.0	11.0		ug/L		110	70 - 130	22	30
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	11.1		ug/L		111	63 - 130	8	30
Dibromomethane	0.46	U J3	10.0	13.4	J3	ug/L		134	70 - 130	18	30
1,2-Dichlorobenzene	0.49	U	10.0	10.0		ug/L		100	70 - 130	8	30
1,3-Dichlorobenzene	0.64	U	10.0	11.3		ug/L		113	70 - 130	6	30
1,4-Dichlorobenzene	0.60	U	10.0	11.5		ug/L		115	70 - 130	8	30
Dichlorobromomethane	0.44	U J3	10.0	13.6	J3	ug/L		136	70 - 130	20	30
Dichlorodifluoromethane	2.5	U J3	10.0	17.9	J3	ug/L		179	16 - 149	35	30
1,1-Dichloroethane	0.52	U J3	10.0	13.3	J3	ug/L		133	66 - 130	18	30
1,2-Dichloroethane	0.57	U	10.0	12.0		ug/L		120	70 - 130	10	30
1,1-Dichloroethene	9.6		10.0	23.1		ug/L		135	51 - 150	18	30
1,2-Dichloropropane	0.52	U J3	10.0	13.6	J3	ug/L		136	70 - 130	19	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75747-15 MSD
Matrix: Water
Analysis Batch: 173417

Client Sample ID: MW-80 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropane	0.42	U J3	10.0	13.9	J3	ug/L		139	70 - 130	18	30
2,2-Dichloropropane	0.36	U	10.0	11.7		ug/L		117	66 - 134	13	30
1,1-Dichloropropene	0.65	U	10.0	13.3		ug/L		133	65 - 136	13	30
Ethylbenzene	0.44	U	10.0	10.8		ug/L		108	70 - 130	3	30
Ethylene Dibromide	0.50	U J3	10.0	14.3	J3	ug/L		143	66 - 130	31	30
Hexachlorobutadiene	0.34	U	10.0	10.8		ug/L		108	62 - 143	2	30
2-Hexanone	4.4	U J3	100	149	J3	ug/L		149	60 - 148	15	30
Isopropylbenzene	0.52	U	10.0	12.0		ug/L		120	62 - 130	3	30
4-Isopropyltoluene	0.69	U	10.0	9.58		ug/L		96	65 - 134	1	30
Methylene Chloride	5.0	U J3	10.0	13.4	J3	ug/L		134	57 - 130	18	30
4-Methyl-2-pentanone (MIBK)	4.0	U	100	126		ug/L		126	64 - 137	24	30
Methyl tert-butyl ether	0.44	U	10.0	11.4		ug/L		114	67 - 130	17	30
Naphthalene	2.5	U	10.0	9.27		ug/L		93	50 - 136	2	30
n-Butylbenzene	0.67	U	10.0	9.69		ug/L		97	61 - 131	1	30
N-Propylbenzene	0.59	U	10.0	11.5		ug/L		115	67 - 130	4	30
o-Xylene	0.50	U	10.0	10.5		ug/L		105	69 - 130	1	30
sec-Butylbenzene	0.63	U	10.0	11.6		ug/L		116	68 - 133	1	30
Styrene	0.98	U	10.0	9.66		ug/L		97	68 - 131	2	30
tert-Butylbenzene	0.84	U	10.0	11.5		ug/L		115	64 - 130	2	30
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.5		ug/L		105	70 - 130	2	30
1,1,2,2-Tetrachloroethane	0.17	U	10.0	11.7		ug/L		117	70 - 130	4	30
Tetrachloroethene	0.50	U J3	10.0	15.2	J3	ug/L		152	50 - 143	26	30
Toluene	0.51	U J3	10.0	14.7	J3	ug/L		147	70 - 131	21	30
trans-1,2-Dichloroethene	0.67	U	10.0	13.7		ug/L		137	62 - 139	16	30
trans-1,3-Dichloropropene	0.27	U	10.0	12.1		ug/L		121	67 - 130	17	30
1,2,3-Trichlorobenzene	0.77	U	10.0	10.3		ug/L		103	58 - 132	0	30
1,2,4-Trichlorobenzene	0.58	U	10.0	9.33		ug/L		93	66 - 130	7	30
1,1,1-Trichloroethane	0.47	U J3	10.0	13.4	J3	ug/L		134	63 - 132	12	30
1,1,2-Trichloroethane	0.47	U J3	10.0	14.6	J3	ug/L		146	70 - 130	26	30
Trichloroethene	1.9		10.0	14.7		ug/L		128	63 - 139	7	30
Trichlorofluoromethane	2.5	U J3	10.0	14.6	J3	ug/L		146	62 - 146	36	30
1,2,3-Trichloropropane	0.44	U J3	10.0	13.5	J3	ug/L		135	66 - 130	11	30
1,2,4-Trimethylbenzene	0.86	U	10.0	9.66		ug/L		97	70 - 132	3	30
1,3,5-Trimethylbenzene	0.54	U	10.0	11.5		ug/L		115	65 - 134	2	30
Vinyl chloride	0.71	U J3	10.0	13.1	J3	ug/L		131	48 - 147	31	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*
Toluene-d8 (Surr)	*126*		*70 - 130*

Lab Sample ID: MB 660-173465/7
Matrix: Water
Analysis Batch: 173465

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 09:55	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 09:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173465/7
Matrix: Water
Analysis Batch: 173465

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 09:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 09:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 09:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 09:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 09:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 09:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 09:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 09:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 09:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 09:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 09:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 09:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 09:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 09:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 09:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 09:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 09:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 09:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 09:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 09:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 09:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 09:55	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 09:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 09:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 09:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 09:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 09:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 09:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 09:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 09:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 09:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 09:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 09:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 09:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 09:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 09:55	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 09:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 09:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 09:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 09:55	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 09:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 09:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 09:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 09:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 09:55	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 09:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 09:55	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 09:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173465/7
Matrix: Water
Analysis Batch: 173465

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 09:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 09:55	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 09:55	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 09:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 09:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 09:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 09:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 09:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 09:55	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 09:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 09:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 09:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 09:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 09:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 09:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*09/01/16 09:55*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*09/01/16 09:55*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*09/01/16 09:55*	*1*

Lab Sample ID: LCS 660-173465/4
Matrix: Water
Analysis Batch: 173465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	96.1		ug/L		96	62 - 142
Benzene	10.0	10.1		ug/L		101	68 - 134
Bromobenzene	10.0	11.8		ug/L		118	70 - 130
Bromoform	10.0	12.1		ug/L		121	65 - 130
Bromomethane	10.0	8.23		ug/L		82	22 - 150
2-Butanone (MEK)	100	84.4		ug/L		84	63 - 140
Carbon disulfide	10.0	10.7		ug/L		107	30 - 150
Carbon tetrachloride	10.0	10.8		ug/L		108	61 - 134
Chlorobenzene	10.0	10.8		ug/L		108	70 - 130
Chlorobromomethane	10.0	9.49		ug/L		95	70 - 130
Chlorodibromomethane	10.0	11.7		ug/L		117	70 - 130
Chloroethane	10.0	8.79		ug/L		88	39 - 150
Chloroform	10.0	10.1		ug/L		101	68 - 130
Chloromethane	10.0	8.49		ug/L		85	35 - 150
2-Chlorotoluene	10.0	12.4		ug/L		124	70 - 130
4-Chlorotoluene	10.0	11.8		ug/L		118	70 - 130
cis-1,2-Dichloroethene	10.0	10.6		ug/L		106	66 - 130
cis-1,3-Dichloropropene	10.0	9.66		ug/L		97	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	11.3		ug/L		113	63 - 130
Dibromomethane	10.0	10.6		ug/L		106	70 - 130
1,2-Dichlorobenzene	10.0	10.8		ug/L		108	70 - 130
1,3-Dichlorobenzene	10.0	10.8		ug/L		108	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173465/4
Matrix: Water
Analysis Batch: 173465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130
Dichlorobromomethane	10.0	11.7		ug/L		117	70 - 130
Dichlorodifluoromethane	10.0	10.5		ug/L		105	16 - 149
1,1-Dichloroethane	10.0	10.2		ug/L		102	66 - 130
1,2-Dichloroethane	10.0	9.43		ug/L		94	70 - 130
1,1-Dichloroethene	10.0	10.7		ug/L		107	51 - 150
1,2-Dichloropropane	10.0	11.1		ug/L		111	70 - 130
1,3-Dichloropropane	10.0	11.7		ug/L		117	70 - 130
2,2-Dichloropropane	10.0	10.8		ug/L		108	66 - 134
1,1-Dichloropropene	10.0	10.5		ug/L		105	65 - 136
Ethylbenzene	10.0	10.4		ug/L		104	70 - 130
Ethylene Dibromide	10.0	12.0		ug/L		120	66 - 130
Hexachlorobutadiene	10.0	11.5		ug/L		115	62 - 143
2-Hexanone	100	118		ug/L		118	60 - 148
Isopropylbenzene	10.0	12.4		ug/L		124	62 - 130
4-Isopropyltoluene	10.0	9.50		ug/L		95	65 - 134
Methylene Chloride	10.0	10.7		ug/L		107	57 - 130
4-Methyl-2-pentanone (MIBK)	100	98.8		ug/L		99	64 - 137
Methyl tert-butyl ether	10.0	9.01		ug/L		90	67 - 130
Naphthalene	10.0	9.42		ug/L		94	50 - 136
n-Butylbenzene	10.0	9.91		ug/L		99	61 - 131
N-Propylbenzene	10.0	11.7		ug/L		117	67 - 130
o-Xylene	10.0	10.2		ug/L		102	69 - 130
sec-Butylbenzene	10.0	11.4		ug/L		114	68 - 133
Styrene	10.0	9.38		ug/L		94	68 - 131
tert-Butylbenzene	10.0	11.3		ug/L		113	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.2		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.8		ug/L		118	70 - 130
Tetrachloroethene	10.0	12.7		ug/L		127	50 - 143
Toluene	10.0	11.7		ug/L		117	70 - 131
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	62 - 139
trans-1,3-Dichloropropene	10.0	11.7		ug/L		117	67 - 130
1,2,3-Trichlorobenzene	10.0	10.8		ug/L		108	58 - 132
1,2,4-Trichlorobenzene	10.0	10.4		ug/L		104	66 - 130
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	63 - 132
1,1,2-Trichloroethane	10.0	12.3		ug/L		123	70 - 130
Trichloroethene	10.0	11.9		ug/L		119	63 - 139
Trichlorofluoromethane	10.0	11.8		ug/L		118	62 - 146
1,2,3-Trichloropropane	10.0	12.3		ug/L		123	66 - 130
1,2,4-Trimethylbenzene	10.0	9.41		ug/L		94	70 - 132
1,3,5-Trimethylbenzene	10.0	11.9		ug/L		119	65 - 134
Vinyl chloride	10.0	9.33		ug/L		93	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*115*		*70 - 130*
Dibromofluoromethane	*93*		*70 - 130*
Toluene-d8 (Surr)	*109*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173465/5
Matrix: Water
Analysis Batch: 173465

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	108		ug/L		108	62 - 142	12	30
Benzene	10.0	10.3		ug/L		103	68 - 134	2	30
Bromobenzene	10.0	10.2		ug/L		102	70 - 130	15	30
Bromoform	10.0	9.81		ug/L		98	65 - 130	21	30
Bromomethane	10.0	7.38		ug/L		74	22 - 150	11	30
2-Butanone (MEK)	100	95.7		ug/L		96	63 - 140	13	30
Carbon disulfide	10.0	10.0		ug/L		100	30 - 150	6	30
Carbon tetrachloride	10.0	11.5		ug/L		115	61 - 134	6	30
Chlorobenzene	10.0	9.48		ug/L		95	70 - 130	13	30
Chlorobromomethane	10.0	10.3		ug/L		103	70 - 130	9	30
Chlorodibromomethane	10.0	11.4		ug/L		114	70 - 130	3	30
Chloroethane	10.0	8.38		ug/L		84	39 - 150	5	30
Chloroform	10.0	10.4		ug/L		104	68 - 130	3	30
Chloromethane	10.0	8.43		ug/L		84	35 - 150	1	30
2-Chlorotoluene	10.0	9.58		ug/L		96	70 - 130	26	30
4-Chlorotoluene	10.0	9.47		ug/L		95	70 - 130	22	30
cis-1,2-Dichloroethene	10.0	10.6		ug/L		106	66 - 130	0	30
cis-1,3-Dichloropropene	10.0	10.3		ug/L		103	70 - 130	6	30
1,2-Dibromo-3-Chloropropane	10.0	10.3		ug/L		103	63 - 130	9	30
Dibromomethane	10.0	9.98		ug/L		100	70 - 130	6	30
1,2-Dichlorobenzene	10.0	9.81		ug/L		98	70 - 130	9	30
1,3-Dichlorobenzene	10.0	9.45		ug/L		94	70 - 130	13	30
1,4-Dichlorobenzene	10.0	9.77		ug/L		98	70 - 130	8	30
Dichlorobromomethane	10.0	11.4		ug/L		114	70 - 130	3	30
Dichlorodifluoromethane	10.0	9.01		ug/L		90	16 - 149	15	30
1,1-Dichloroethane	10.0	10.8		ug/L		108	66 - 130	6	30
1,2-Dichloroethane	10.0	9.95		ug/L		99	70 - 130	5	30
1,1-Dichloroethene	10.0	10.6		ug/L		106	51 - 150	1	30
1,2-Dichloropropane	10.0	10.2		ug/L		102	70 - 130	8	30
1,3-Dichloropropane	10.0	11.5		ug/L		115	70 - 130	2	30
2,2-Dichloropropane	10.0	10.8		ug/L		108	66 - 134	1	30
1,1-Dichloropropene	10.0	11.1		ug/L		111	65 - 136	6	30
Ethylbenzene	10.0	9.33		ug/L		93	70 - 130	11	30
Ethylene Dibromide	10.0	11.7		ug/L		117	66 - 130	2	30
Hexachlorobutadiene	10.0	9.35		ug/L		94	62 - 143	21	30
2-Hexanone	100	137		ug/L		137	60 - 148	15	30
Isopropylbenzene	10.0	9.76		ug/L		98	62 - 130	24	30
4-Isopropyltoluene	10.0	8.10		ug/L		81	65 - 134	16	30
Methylene Chloride	10.0	12.3		ug/L		123	57 - 130	14	30
4-Methyl-2-pentanone (MIBK)	100	119		ug/L		119	64 - 137	19	30
Methyl tert-butyl ether	10.0	9.86		ug/L		99	67 - 130	9	30
Naphthalene	10.0	8.12		ug/L		81	50 - 136	15	30
n-Butylbenzene	10.0	8.28		ug/L		83	61 - 131	18	30
N-Propylbenzene	10.0	9.55		ug/L		95	67 - 130	20	30
o-Xylene	10.0	9.49		ug/L		95	69 - 130	8	30
sec-Butylbenzene	10.0	9.48		ug/L		95	68 - 133	18	30
Styrene	10.0	8.52		ug/L		85	68 - 131	10	30
tert-Butylbenzene	10.0	9.13		ug/L		91	64 - 130	21	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173465/5
Matrix: Water
Analysis Batch: 173465

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			10.0	9.47		ug/L		95	70 - 130	7	30
1,1,2,2-Tetrachloroethane			10.0	9.74		ug/L		97	70 - 130	19	30
Tetrachloroethene			10.0	13.5		ug/L		135	50 - 143	6	30
Toluene			10.0	12.2		ug/L		122	70 - 131	4	30
trans-1,2-Dichloroethene			10.0	11.5		ug/L		115	62 - 139	5	30
trans-1,3-Dichloropropene			10.0	11.6		ug/L		116	67 - 130	1	30
1,2,3-Trichlorobenzene			10.0	9.38		ug/L		94	58 - 132	14	30
1,2,4-Trichlorobenzene			10.0	8.40		ug/L		84	66 - 130	21	30
1,1,1-Trichloroethane			10.0	11.1		ug/L		111	63 - 132	7	30
1,1,2-Trichloroethane			10.0	11.4		ug/L		114	70 - 130	8	30
Trichloroethene			10.0	11.0		ug/L		110	63 - 139	7	30
Trichlorofluoromethane			10.0	11.3		ug/L		113	62 - 146	4	30
1,2,3-Trichloropropane			10.0	11.7		ug/L		117	66 - 130	5	30
1,2,4-Trimethylbenzene			10.0	7.97		ug/L		80	70 - 132	17	30
1,3,5-Trimethylbenzene			10.0	9.57		ug/L		96	65 - 134	21	30
Vinyl chloride			10.0	9.62		ug/L		96	48 - 147	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*111*		*70 - 130*
Toluene-d8 (Surr)	*128*		*70 - 130*

Lab Sample ID: 660-75761-D-6 MS
Matrix: Water
Analysis Batch: 173465

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	108		ug/L		108	62 - 142
Benzene	0.50	U	10.0	11.5		ug/L		115	68 - 134
Bromobenzene	0.58	U	10.0	11.7		ug/L		117	70 - 130
Bromoform	0.63	U	10.0	11.9		ug/L		119	65 - 130
Bromomethane	2.5	U	10.0	7.80		ug/L		78	22 - 150
2-Butanone (MEK)	8.4	U	100	95.0		ug/L		95	63 - 140
Carbon disulfide	1.0	U	10.0	10.5		ug/L		105	30 - 150
Carbon tetrachloride	0.43	U	10.0	12.8		ug/L		128	61 - 134
Chlorobenzene	0.63	U	10.0	11.0		ug/L		110	70 - 130
Chlorobromomethane	0.58	U	10.0	10.3		ug/L		103	70 - 130
Chlorodibromomethane	0.31	U	10.0	12.0		ug/L		120	70 - 130
Chloroethane	2.5	U	10.0	9.20		ug/L		92	39 - 150
Chloroform	0.90	U	10.0	11.4		ug/L		114	68 - 130
Chloromethane	1.0	U	10.0	10.9		ug/L		109	35 - 150
2-Chlorotoluene	0.65	U	10.0	11.8		ug/L		118	70 - 130
4-Chlorotoluene	0.52	U	10.0	11.9		ug/L		119	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	11.3		ug/L		113	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.72		ug/L		97	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	12.2		ug/L		122	63 - 130
Dibromomethane	0.46	U	10.0	11.0		ug/L		110	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.1		ug/L		111	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75761-D-6 MS
Matrix: Water
Analysis Batch: 173465

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.64	U	10.0	11.0		ug/L		110	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.9		ug/L		109	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.5		ug/L		115	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	15.5	J3	ug/L		155	16 - 149
1,1-Dichloroethane	0.52	U	10.0	11.4		ug/L		114	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.9		ug/L		109	70 - 130
1,1-Dichloroethene	0.67	U	10.0	11.6		ug/L		116	51 - 150
1,2-Dichloropropane	0.52	U	10.0	11.1		ug/L		111	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.2		ug/L		112	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.6		ug/L		116	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.8		ug/L		118	65 - 136
Ethylbenzene	0.44	U	10.0	10.7		ug/L		107	70 - 130
Ethylene Dibromide	0.50	U	10.0	12.3		ug/L		123	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.1		ug/L		111	62 - 143
2-Hexanone	4.4	U	100	110		ug/L		110	60 - 148
Isopropylbenzene	0.52	U	10.0	11.7		ug/L		117	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.91		ug/L		99	65 - 134
Methylene Chloride	5.0	U	10.0	11.3		ug/L		113	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	92.9		ug/L		93	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.1		ug/L		101	67 - 130
Naphthalene	2.5	U	10.0	9.14		ug/L		91	50 - 136
n-Butylbenzene	0.67	U	10.0	9.98		ug/L		100	61 - 131
N-Propylbenzene	0.59	U	10.0	12.0		ug/L		120	67 - 130
o-Xylene	0.50	U	10.0	10.1		ug/L		101	69 - 130
sec-Butylbenzene	0.63	U	10.0	11.5		ug/L		115	68 - 133
Styrene	0.98	U	10.0	9.47		ug/L		95	68 - 131
tert-Butylbenzene	0.84	U	10.0	12.1		ug/L		121	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.7		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	11.3		ug/L		113	70 - 130
Tetrachloroethene	0.50	U	10.0	12.8		ug/L		128	50 - 143
Toluene	0.51	U	10.0	12.1		ug/L		121	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	12.2		ug/L		122	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	10.2		ug/L		102	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.98		ug/L		100	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.1		ug/L		101	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	11.6		ug/L		116	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	11.8		ug/L		118	70 - 130
Trichloroethene	0.61	U	10.0	13.2		ug/L		132	63 - 139
Trichlorofluoromethane	2.5	U	10.0	12.3		ug/L		123	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	13.0		ug/L		130	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.56		ug/L		96	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	11.5		ug/L		115	65 - 134
Vinyl chloride	0.71	U	10.0	10.9		ug/L		109	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 660-75761-D-1 DU
Matrix: Water
Analysis Batch: 173465

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Acetone	9.9	U		9.9	U	ug/L				NC	30
Benzene	0.50	U		0.50	U	ug/L				NC	30
Bromobenzene	0.58	U		0.58	U	ug/L				NC	30
Bromoform	0.63	U		0.63	U	ug/L				NC	30
Bromomethane	2.5	U		2.5	U	ug/L				NC	30
2-Butanone (MEK)	8.4	U		8.4	U	ug/L				NC	30
Carbon disulfide	1.0	U		1.0	U	ug/L				NC	30
Carbon tetrachloride	0.43	U		0.43	U	ug/L				NC	30
Chlorobenzene	0.63	U		0.63	U	ug/L				NC	30
Chlorobromomethane	0.58	U		0.58	U	ug/L				NC	30
Chlorodibromomethane	0.31	U		0.31	U	ug/L				NC	30
Chloroethane	2.5	U		2.5	U	ug/L				NC	30
Chloroform	0.90	U		0.90	U	ug/L				NC	30
Chloromethane	1.0	U		1.0	U	ug/L				NC	30
2-Chlorotoluene	0.65	U		0.65	U	ug/L				NC	30
4-Chlorotoluene	0.52	U		0.52	U	ug/L				NC	30
cis-1,2-Dichloroethene	0.65	U		0.65	U	ug/L				NC	30
cis-1,3-Dichloropropene	0.39	U		0.39	U	ug/L				NC	30
1,2-Dibromo-3-Chloropropane	2.5	U		2.5	U	ug/L				NC	30
Dibromomethane	0.46	U		0.46	U	ug/L				NC	30
1,2-Dichlorobenzene	0.49	U		0.49	U	ug/L				NC	30
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	0.52	U		0.52	U	ug/L				NC	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75761-D-1 DU
Matrix: Water
Analysis Batch: 173465

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*
Toluene-d8 (Surr)	*113*		*70 - 130*

Lab Sample ID: MB 660-173466/7
Matrix: Water
Analysis Batch: 173466

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/01/16 10:01	1
Benzene	0.50	U	1.0	0.50	ug/L			09/01/16 10:01	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 10:01	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/01/16 10:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/01/16 10:01	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/01/16 10:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/01/16 10:01	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/01/16 10:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/01/16 10:01	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/01/16 10:01	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/01/16 10:01	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/01/16 10:01	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/01/16 10:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/01/16 10:01	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/01/16 10:01	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/01/16 10:01	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/01/16 10:01	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/01/16 10:01	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/01/16 10:01	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/01/16 10:01	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/01/16 10:01	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/01/16 10:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173466/7
Matrix: Water
Analysis Batch: 173466

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/01/16 10:01	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/01/16 10:01	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 10:01	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/01/16 10:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/01/16 10:01	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 10:01	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/01/16 10:01	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/01/16 10:01	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/01/16 10:01	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/01/16 10:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/01/16 10:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/01/16 10:01	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/01/16 10:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/01/16 10:01	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/01/16 10:01	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/01/16 10:01	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/01/16 10:01	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/01/16 10:01	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/01/16 10:01	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/01/16 10:01	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/01/16 10:01	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/01/16 10:01	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/01/16 10:01	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/01/16 10:01	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/01/16 10:01	1
Styrene	0.98	U	2.0	0.98	ug/L			09/01/16 10:01	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/01/16 10:01	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/01/16 10:01	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 10:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 10:01	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 10:01	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/01/16 10:01	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 10:01	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 10:01	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 10:01	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 10:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 10:01	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/01/16 10:01	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 10:01	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/01/16 10:01	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 10:01	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 10:01	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 10:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*09/01/16 10:01*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*09/01/16 10:01*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/01/16 10:01*	*1*

Lab Sample ID: LCS 660-173466/4
Matrix: Water
Analysis Batch: 173466

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	107		ug/L		107	62 - 142
Benzene	10.0	10.2		ug/L		102	68 - 134
Bromobenzene	10.0	11.4		ug/L		114	70 - 130
Bromoform	10.0	10.2		ug/L		102	65 - 130
Bromomethane	10.0	13.3		ug/L		133	22 - 150
2-Butanone (MEK)	100	101		ug/L		101	63 - 140
Carbon disulfide	10.0	10.8		ug/L		108	30 - 150
Carbon tetrachloride	10.0	9.94		ug/L		99	61 - 134
Chlorobenzene	10.0	10.5		ug/L		105	70 - 130
Chlorobromomethane	10.0	10.5		ug/L		105	70 - 130
Chlorodibromomethane	10.0	9.53		ug/L		95	70 - 130
Chloroethane	10.0	8.75		ug/L		87	39 - 150
Chloroform	10.0	10.7		ug/L		107	68 - 130
Chloromethane	10.0	11.6		ug/L		116	35 - 150
2-Chlorotoluene	10.0	10.9		ug/L		109	70 - 130
4-Chlorotoluene	10.0	11.2		ug/L		112	70 - 130
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	66 - 130
cis-1,3-Dichloropropene	10.0	10.6		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.51		ug/L		95	63 - 130
Dibromomethane	10.0	10.2		ug/L		102	70 - 130
1,2-Dichlorobenzene	10.0	10.8		ug/L		108	70 - 130
1,3-Dichlorobenzene	10.0	10.6		ug/L		106	70 - 130
1,4-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130
Dichlorobromomethane	10.0	10.1		ug/L		101	70 - 130
Dichlorodifluoromethane	10.0	11.4		ug/L		114	16 - 149
1,1-Dichloroethane	10.0	10.4		ug/L		104	66 - 130
1,2-Dichloroethane	10.0	10.2		ug/L		102	70 - 130
1,1-Dichloroethene	10.0	10.4		ug/L		104	51 - 150
1,2-Dichloropropane	10.0	10.4		ug/L		104	70 - 130
1,3-Dichloropropane	10.0	10.2		ug/L		102	70 - 130
2,2-Dichloropropane	10.0	9.99		ug/L		100	66 - 134
1,1-Dichloropropene	10.0	10.6		ug/L		106	65 - 136
Ethylbenzene	10.0	10.6		ug/L		106	70 - 130
Ethylene Dibromide	10.0	10.3		ug/L		103	66 - 130
Hexachlorobutadiene	10.0	11.4		ug/L		114	62 - 143
2-Hexanone	100	104		ug/L		104	60 - 148
Isopropylbenzene	10.0	10.8		ug/L		108	62 - 130
4-Isopropyltoluene	10.0	11.0		ug/L		110	65 - 134
Methylene Chloride	10.0	11.1		ug/L		111	57 - 130
4-Methyl-2-pentanone (MIBK)	100	84.8		ug/L		85	64 - 137
Methyl tert-butyl ether	10.0	9.91		ug/L		99	67 - 130
Naphthalene	10.0	10.8		ug/L		108	50 - 136
n-Butylbenzene	10.0	11.0		ug/L		110	61 - 131
N-Propylbenzene	10.0	11.2		ug/L		112	67 - 130
o-Xylene	10.0	10.2		ug/L		102	69 - 130
sec-Butylbenzene	10.0	11.0		ug/L		110	68 - 133
Styrene	10.0	11.1		ug/L		111	68 - 131
tert-Butylbenzene	10.0	10.4		ug/L		104	64 - 130
1,1,1,2-Tetrachloroethane	10.0	10.2		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.9		ug/L		109	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173466/4
Matrix: Water
Analysis Batch: 173466

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	10.0	10.4		ug/L		104	50 - 143
Toluene	10.0	10.2		ug/L		102	70 - 131
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	62 - 139
trans-1,3-Dichloropropene	10.0	7.88		ug/L		79	67 - 130
1,2,3-Trichlorobenzene	10.0	11.0		ug/L		110	58 - 132
1,2,4-Trichlorobenzene	10.0	10.7		ug/L		107	66 - 130
1,1,1-Trichloroethane	10.0	10.2		ug/L		102	63 - 132
1,1,2-Trichloroethane	10.0	9.68		ug/L		97	70 - 130
Trichloroethene	10.0	10.3		ug/L		103	63 - 139
Trichlorofluoromethane	10.0	10.8		ug/L		108	62 - 146
1,2,3-Trichloropropane	10.0	10.9		ug/L		109	66 - 130
1,2,4-Trimethylbenzene	10.0	10.6		ug/L		106	70 - 132
1,3,5-Trimethylbenzene	10.0	10.8		ug/L		108	65 - 134
Vinyl chloride	10.0	12.0		ug/L		120	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 660-173466/5
Matrix: Water
Analysis Batch: 173466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	99.5		ug/L		99	62 - 142	7	30
Benzene	10.0	9.56		ug/L		96	68 - 134	7	30
Bromobenzene	10.0	10.2		ug/L		102	70 - 130	12	30
Bromoform	10.0	9.63		ug/L		96	65 - 130	5	30
Bromomethane	10.0	11.4		ug/L		114	22 - 150	16	30
2-Butanone (MEK)	100	98.4		ug/L		98	63 - 140	3	30
Carbon disulfide	10.0	10.4		ug/L		104	30 - 150	4	30
Carbon tetrachloride	10.0	9.29		ug/L		93	61 - 134	7	30
Chlorobenzene	10.0	10.6		ug/L		106	70 - 130	0	30
Chlorobromomethane	10.0	9.63		ug/L		96	70 - 130	8	30
Chlorodibromomethane	10.0	10.2		ug/L		102	70 - 130	7	30
Chloroethane	10.0	8.30		ug/L		83	39 - 150	5	30
Chloroform	10.0	9.95		ug/L		99	68 - 130	7	30
Chloromethane	10.0	10.2		ug/L		102	35 - 150	12	30
2-Chlorotoluene	10.0	10.8		ug/L		108	70 - 130	1	30
4-Chlorotoluene	10.0	10.7		ug/L		107	70 - 130	5	30
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	66 - 130	1	30
cis-1,3-Dichloropropene	10.0	9.95		ug/L		99	70 - 130	7	30
1,2-Dibromo-3-Chloropropane	10.0	8.90		ug/L		89	63 - 130	7	30
Dibromomethane	10.0	10.5		ug/L		105	70 - 130	3	30
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130	5	30
1,3-Dichlorobenzene	10.0	10.5		ug/L		105	70 - 130	1	30
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173466/5
Matrix: Water
Analysis Batch: 173466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane			10.0	9.73		ug/L		97	70 - 130	4	30
Dichlorodifluoromethane			10.0	9.93		ug/L		99	16 - 149	14	30
1,1-Dichloroethane			10.0	10.3		ug/L		103	66 - 130	1	30
1,2-Dichloroethane			10.0	9.81		ug/L		98	70 - 130	4	30
1,1-Dichloroethene			10.0	10.6		ug/L		106	51 - 150	2	30
1,2-Dichloropropane			10.0	10.2		ug/L		102	70 - 130	1	30
1,3-Dichloropropane			10.0	9.97		ug/L		100	70 - 130	2	30
2,2-Dichloropropane			10.0	10.2		ug/L		102	66 - 134	2	30
1,1-Dichloropropene			10.0	10.1		ug/L		101	65 - 136	4	30
Ethylbenzene			10.0	10.5		ug/L		105	70 - 130	0	30
Ethylene Dibromide			10.0	9.73		ug/L		97	66 - 130	6	30
Hexachlorobutadiene			10.0	9.81		ug/L		98	62 - 143	15	30
2-Hexanone			100	98.1		ug/L		98	60 - 148	6	30
Isopropylbenzene			10.0	10.3		ug/L		103	62 - 130	4	30
4-Isopropyltoluene			10.0	10.8		ug/L		108	65 - 134	3	30
Methylene Chloride			10.0	11.8		ug/L		118	57 - 130	5	30
4-Methyl-2-pentanone (MIBK)			100	81.0		ug/L		81	64 - 137	5	30
Methyl tert-butyl ether			10.0	10.1		ug/L		101	67 - 130	2	30
Naphthalene			10.0	9.86		ug/L		99	50 - 136	9	30
n-Butylbenzene			10.0	10.2		ug/L		102	61 - 131	8	30
N-Propylbenzene			10.0	10.5		ug/L		105	67 - 130	6	30
o-Xylene			10.0	10.5		ug/L		105	69 - 130	3	30
sec-Butylbenzene			10.0	10.5		ug/L		105	68 - 133	5	30
Styrene			10.0	11.0		ug/L		110	68 - 131	1	30
tert-Butylbenzene			10.0	10.6		ug/L		106	64 - 130	2	30
1,1,1,2-Tetrachloroethane			10.0	10.2		ug/L		102	70 - 130	0	30
1,1,2,2-Tetrachloroethane			10.0	9.92		ug/L		99	70 - 130	9	30
Tetrachloroethene			10.0	10.2		ug/L		102	50 - 143	2	30
Toluene			10.0	10.6		ug/L		106	70 - 131	4	30
trans-1,2-Dichloroethene			10.0	9.88		ug/L		99	62 - 139	3	30
trans-1,3-Dichloropropene			10.0	8.36		ug/L		84	67 - 130	6	30
1,2,3-Trichlorobenzene			10.0	10.4		ug/L		104	58 - 132	6	30
1,2,4-Trichlorobenzene			10.0	10.3		ug/L		103	66 - 130	4	30
1,1,1-Trichloroethane			10.0	10.4		ug/L		104	63 - 132	2	30
1,1,2-Trichloroethane			10.0	9.65		ug/L		96	70 - 130	0	30
Trichloroethene			10.0	9.27		ug/L		93	63 - 139	11	30
Trichlorofluoromethane			10.0	9.90		ug/L		99	62 - 146	9	30
1,2,3-Trichloropropane			10.0	10.3		ug/L		103	66 - 130	6	30
1,2,4-Trimethylbenzene			10.0	10.3		ug/L		103	70 - 132	3	30
1,3,5-Trimethylbenzene			10.0	10.3		ug/L		103	65 - 134	4	30
Vinyl chloride			10.0	10.6		ug/L		106	48 - 147	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75747-21 MS
Matrix: Water
Analysis Batch: 173466

Client Sample ID: MW-253
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	114		ug/L		114	62 - 142
Benzene	0.50	U	10.0	11.5		ug/L		115	68 - 134
Bromobenzene	0.58	U	10.0	11.0		ug/L		110	70 - 130
Bromoform	0.63	U	10.0	11.2		ug/L		112	65 - 130
Bromomethane	2.5	U	10.0	9.53		ug/L		95	22 - 150
2-Butanone (MEK)	8.4	U	100	126		ug/L		126	63 - 140
Carbon disulfide	1.0	U	10.0	11.9		ug/L		119	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.6		ug/L		116	61 - 134
Chlorobenzene	0.63	U	10.0	11.4		ug/L		114	70 - 130
Chlorobromomethane	0.58	U	10.0	11.3		ug/L		113	70 - 130
Chlorodibromomethane	0.31	U	10.0	11.2		ug/L		112	70 - 130
Chloroethane	2.5	U J3	10.0	16.7	J3	ug/L		167	39 - 150
Chloroform	0.90	U	10.0	12.3		ug/L		123	68 - 130
Chloromethane	1.0	U	10.0	12.0		ug/L		120	35 - 150
2-Chlorotoluene	0.65	U	10.0	11.4		ug/L		114	70 - 130
4-Chlorotoluene	0.52	U	10.0	11.8		ug/L		118	70 - 130
cis-1,2-Dichloroethene	640	L	10.0	644	L	ug/L		89	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	11.2		ug/L		112	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	11.1		ug/L		111	63 - 130
Dibromomethane	0.46	U	10.0	11.4		ug/L		114	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.1		ug/L		111	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.3		ug/L		113	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.3		ug/L		113	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.7		ug/L		117	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	8.90		ug/L		89	16 - 149
1,1-Dichloroethane	12		10.0	24.0		ug/L		116	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.4		ug/L		114	70 - 130
1,1-Dichloroethene	66		10.0	76.1		ug/L		103	51 - 150
1,2-Dichloropropane	0.52	U	10.0	12.1		ug/L		121	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.1		ug/L		111	70 - 130
2,2-Dichloropropane	0.36	U	10.0	12.5		ug/L		125	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.9		ug/L		119	65 - 136
Ethylbenzene	0.44	U	10.0	11.4		ug/L		114	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.7		ug/L		117	66 - 130
Hexachlorobutadiene	0.34	U	10.0	12.4		ug/L		124	62 - 143
2-Hexanone	4.4	U	100	111		ug/L		111	60 - 148
Isopropylbenzene	0.52	U	10.0	11.7		ug/L		117	62 - 130
4-Isopropyltoluene	0.69	U	10.0	11.6		ug/L		116	65 - 134
Methylene Chloride	5.0	U	10.0	10.4		ug/L		104	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	93.1		ug/L		93	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	11.2		ug/L		112	67 - 130
Naphthalene	2.5	U	10.0	11.6		ug/L		116	50 - 136
n-Butylbenzene	0.67	U	10.0	11.2		ug/L		112	61 - 131
N-Propylbenzene	0.59	U	10.0	11.8		ug/L		118	67 - 130
o-Xylene	0.50	U	10.0	11.6		ug/L		116	69 - 130
sec-Butylbenzene	0.63	U	10.0	11.5		ug/L		115	68 - 133
Styrene	0.98	U	10.0	11.2		ug/L		112	68 - 131
tert-Butylbenzene	0.84	U	10.0	11.5		ug/L		115	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75747-21 MS
Matrix: Water
Analysis Batch: 173466

Client Sample ID: MW-253
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.7		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	11.1		ug/L		111	70 - 130
Tetrachloroethene	0.50	U	10.0	11.2		ug/L		112	50 - 143
Toluene	0.51	U	10.0	11.7		ug/L		117	70 - 131
trans-1,2-Dichloroethene	2.1		10.0	13.4		ug/L		113	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	8.82		ug/L		88	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	11.3		ug/L		113	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.8		ug/L		108	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.1		ug/L		121	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	10.9		ug/L		109	70 - 130
Trichloroethene	20		10.0	29.9		ug/L		102	63 - 139
Trichlorofluoromethane	2.5	U	10.0	12.1		ug/L		121	62 - 146
1,2,3-Trichloropropane	0.44	U J3	10.0	5.81	J3	ug/L		58	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	11.4		ug/L		114	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	11.5		ug/L		115	65 - 134
Vinyl chloride	0.71	U	10.0	12.6		ug/L		126	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-75781-17 MS
Matrix: Water
Analysis Batch: 173466

Client Sample ID: MW-128 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	112		ug/L		112	62 - 142
Benzene	0.50	U	10.0	11.2		ug/L		112	68 - 134
Bromobenzene	0.58	U	10.0	10.6		ug/L		106	70 - 130
Bromoform	0.63	U	10.0	10.3		ug/L		103	65 - 130
Bromomethane	2.5	U	10.0	6.30		ug/L		63	22 - 150
2-Butanone (MEK)	8.4	U	100	111		ug/L		111	63 - 140
Carbon disulfide	1.0	U	10.0	11.2		ug/L		112	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.9		ug/L		119	61 - 134
Chlorobenzene	0.63	U	10.0	10.8		ug/L		108	70 - 130
Chlorobromomethane	0.58	U	10.0	10.3		ug/L		103	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.81		ug/L		98	70 - 130
Chloroethane	2.5	U	10.0	8.94		ug/L		89	39 - 150
Chloroform	0.90	U	10.0	12.2		ug/L		122	68 - 130
Chloromethane	1.0	U	10.0	11.5		ug/L		115	35 - 150
2-Chlorotoluene	0.65	U	10.0	10.8		ug/L		108	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.8		ug/L		108	70 - 130
cis-1,2-Dichloroethene	1.2		10.0	12.7		ug/L		115	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	10.2		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.94		ug/L		89	63 - 130
Dibromomethane	0.46	U	10.0	10.7		ug/L		107	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.7		ug/L		107	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75781-17 MS
Matrix: Water
Analysis Batch: 173466

Client Sample ID: MW-128 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.64	U	10.0	10.6		ug/L		106	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.6		ug/L		106	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.0		ug/L		110	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	11.4		ug/L		114	16 - 149
1,1-Dichloroethane	0.52	U	10.0	11.7		ug/L		117	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.4		ug/L		114	70 - 130
1,1-Dichloroethene	1.0		10.0	12.2		ug/L		112	51 - 150
1,2-Dichloropropane	0.52	U	10.0	11.0		ug/L		110	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.7		ug/L		107	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.5		ug/L		105	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.6		ug/L		116	65 - 136
Ethylbenzene	0.44	U	10.0	10.5		ug/L		105	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.9		ug/L		109	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.1		ug/L		111	62 - 143
2-Hexanone	4.4	U	100	105		ug/L		105	60 - 148
Isopropylbenzene	0.52	U	10.0	10.7		ug/L		107	62 - 130
4-Isopropyltoluene	0.69	U	10.0	11.1		ug/L		111	65 - 134
Methylene Chloride	5.0	U	10.0	11.0		ug/L		110	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	87.4		ug/L		87	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.4		ug/L		104	67 - 130
Naphthalene	2.5	U	10.0	9.87		ug/L		99	50 - 136
n-Butylbenzene	0.67	U	10.0	10.5		ug/L		105	61 - 131
N-Propylbenzene	0.59	U	10.0	11.1		ug/L		111	67 - 130
o-Xylene	0.50	U	10.0	10.6		ug/L		106	69 - 130
sec-Butylbenzene	0.63	U	10.0	10.7		ug/L		107	68 - 133
Styrene	0.98	U	10.0	10.7		ug/L		107	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.5		ug/L		105	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.1		ug/L		111	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.84		ug/L		98	70 - 130
Tetrachloroethene	0.50	U	10.0	12.0		ug/L		120	50 - 143
Toluene	0.51	U	10.0	11.1		ug/L		111	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	11.1		ug/L		111	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	8.82		ug/L		88	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.3		ug/L		103	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.4		ug/L		104	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.1		ug/L		121	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.86		ug/L		99	70 - 130
Trichloroethene	3.7		10.0	14.4		ug/L		106	63 - 139
Trichlorofluoromethane	2.5	U	10.0	11.9		ug/L		119	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	10.4		ug/L		104	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.5		ug/L		105	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	10.7		ug/L		107	65 - 134
Vinyl chloride	0.71	U	10.0	12.2		ug/L		122	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*108*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Lab Sample ID: 660-75781-17 MSD
Matrix: Water
Analysis Batch: 173466

Client Sample ID: MW-128 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	9.9	U	100	105		ug/L		105	62 - 142	6	30
Benzene	0.50	U	10.0	11.3		ug/L		113	68 - 134	1	30
Bromobenzene	0.58	U	10.0	11.5		ug/L		115	70 - 130	8	30
Bromoform	0.63	U	10.0	11.3		ug/L		113	65 - 130	10	30
Bromomethane	2.5	U	10.0	7.58		ug/L		76	22 - 150	18	30
2-Butanone (MEK)	8.4	U	100	108		ug/L		108	63 - 140	3	30
Carbon disulfide	1.0	U	10.0	11.8		ug/L		118	30 - 150	5	30
Carbon tetrachloride	0.43	U	10.0	11.8		ug/L		118	61 - 134	1	30
Chlorobenzene	0.63	U	10.0	10.7		ug/L		107	70 - 130	1	30
Chlorobromomethane	0.58	U	10.0	11.1		ug/L		111	70 - 130	7	30
Chlorodibromomethane	0.31	U	10.0	10.6		ug/L		106	70 - 130	8	30
Chloroethane	2.5	U	10.0	10.2		ug/L		102	39 - 150	13	30
Chloroform	0.90	U	10.0	11.9		ug/L		119	68 - 130	2	30
Chloromethane	1.0	U	10.0	12.5		ug/L		125	35 - 150	8	30
2-Chlorotoluene	0.65	U	10.0	11.7		ug/L		117	70 - 130	8	30
4-Chlorotoluene	0.52	U	10.0	11.9		ug/L		119	70 - 130	9	30
cis-1,2-Dichloroethene	1.2		10.0	12.6		ug/L		115	66 - 130	1	30
cis-1,3-Dichloropropene	0.39	U	10.0	11.2		ug/L		112	70 - 130	10	30
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.70		ug/L		97	63 - 130	8	30
Dibromomethane	0.46	U	10.0	10.6		ug/L		106	70 - 130	1	30
1,2-Dichlorobenzene	0.49	U	10.0	11.2		ug/L		112	70 - 130	4	30
1,3-Dichlorobenzene	0.64	U	10.0	11.3		ug/L		113	70 - 130	7	30
1,4-Dichlorobenzene	0.60	U	10.0	11.5		ug/L		115	70 - 130	9	30
Dichlorobromomethane	0.44	U	10.0	11.2		ug/L		112	70 - 130	2	30
Dichlorodifluoromethane	2.5	U	10.0	12.3		ug/L		123	16 - 149	8	30
1,1-Dichloroethane	0.52	U	10.0	12.1		ug/L		121	66 - 130	3	30
1,2-Dichloroethane	0.57	U	10.0	10.9		ug/L		109	70 - 130	4	30
1,1-Dichloroethene	1.0		10.0	12.4		ug/L		114	51 - 150	2	30
1,2-Dichloropropane	0.52	U	10.0	11.1		ug/L		111	70 - 130	1	30
1,3-Dichloropropane	0.42	U	10.0	10.5		ug/L		105	70 - 130	2	30
2,2-Dichloropropane	0.36	U	10.0	10.6		ug/L		106	66 - 134	0	30
1,1-Dichloropropene	0.65	U	10.0	11.7		ug/L		117	65 - 136	1	30
Ethylbenzene	0.44	U	10.0	10.8		ug/L		108	70 - 130	3	30
Ethylene Dibromide	0.50	U	10.0	11.1		ug/L		111	66 - 130	2	30
Hexachlorobutadiene	0.34	U	10.0	12.0		ug/L		120	62 - 143	8	30
2-Hexanone	4.4	U	100	111		ug/L		111	60 - 148	6	30
Isopropylbenzene	0.52	U	10.0	11.9		ug/L		119	62 - 130	10	30
4-Isopropyltoluene	0.69	U	10.0	11.6		ug/L		116	65 - 134	5	30
Methylene Chloride	5.0	U	10.0	10.3		ug/L		103	57 - 130	6	30
4-Methyl-2-pentanone (MIBK)	4.0	U	100	86.5		ug/L		86	64 - 137	1	30
Methyl tert-butyl ether	0.44	U	10.0	11.1		ug/L		111	67 - 130	7	30
Naphthalene	2.5	U	10.0	11.1		ug/L		111	50 - 136	12	30
n-Butylbenzene	0.67	U	10.0	11.0		ug/L		110	61 - 131	5	30
N-Propylbenzene	0.59	U	10.0	11.7		ug/L		117	67 - 130	6	30
o-Xylene	0.50	U	10.0	11.3		ug/L		113	69 - 130	6	30
sec-Butylbenzene	0.63	U	10.0	11.7		ug/L		117	68 - 133	8	30
Styrene	0.98	U	10.0	11.2		ug/L		112	68 - 131	4	30
tert-Butylbenzene	0.84	U	10.0	11.8		ug/L		118	64 - 130	12	30
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.6		ug/L		116	70 - 130	4	30
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.3		ug/L		103	70 - 130	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75781-17 MSD
Matrix: Water
Analysis Batch: 173466

Client Sample ID: MW-128 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	0.50	U	10.0	12.3		ug/L		123	50 - 143	3	30
Toluene	0.51	U	10.0	11.4		ug/L		114	70 - 131	3	30
trans-1,2-Dichloroethene	0.67	U	10.0	11.5		ug/L		115	62 - 139	3	30
trans-1,3-Dichloropropene	0.27	U	10.0	8.58		ug/L		86	67 - 130	3	30
1,2,3-Trichlorobenzene	0.77	U	10.0	10.6		ug/L		106	58 - 132	4	30
1,2,4-Trichlorobenzene	0.58	U	10.0	11.2		ug/L		112	66 - 130	7	30
1,1,1-Trichloroethane	0.47	U	10.0	12.1		ug/L		121	63 - 132	0	30
1,1,2-Trichloroethane	0.47	U	10.0	11.0		ug/L		110	70 - 130	11	30
Trichloroethene	3.7		10.0	13.8		ug/L		101	63 - 139	4	30
Trichlorofluoromethane	2.5	U	10.0	12.9		ug/L		129	62 - 146	8	30
1,2,3-Trichloropropane	0.44	U	10.0	11.4		ug/L		114	66 - 130	10	30
1,2,4-Trimethylbenzene	0.86	U	10.0	11.9		ug/L		119	70 - 132	12	30
1,3,5-Trimethylbenzene	0.54	U	10.0	11.6		ug/L		116	65 - 134	8	30
Vinyl chloride	0.71	U	10.0	13.4		ug/L		134	48 - 147	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-75793-D-1 DU
Matrix: Water
Analysis Batch: 173466

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75793-D-1 DU
Matrix: Water
Analysis Batch: 173466

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	0.52	U		0.52	U	ug/L				NC	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173515/8
Matrix: Water
Analysis Batch: 173515

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 11:21	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 11:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 11:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 11:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 11:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 11:21	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 11:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 11:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 11:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 11:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 11:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 11:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 11:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 11:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 11:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 11:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 11:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 11:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 11:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 11:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 11:21	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 11:21	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:21	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 11:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 11:21	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 11:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 11:21	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 11:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 11:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 11:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 11:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 11:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 11:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 11:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 11:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 11:21	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 11:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 11:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 11:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 11:21	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 11:21	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 11:21	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 11:21	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 11:21	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 11:21	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 11:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173515/8
Matrix: Water
Analysis Batch: 173515

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 11:21	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 11:21	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 11:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 11:21	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 11:21	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 11:21	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 11:21	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 11:21	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 11:21	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 11:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 11:21	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/02/16 11:21	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 11:21	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 11:21	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 11:21	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 11:21	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 11:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*70 - 130*		*09/02/16 11:21*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*09/02/16 11:21*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*		*09/02/16 11:21*	*1*

Lab Sample ID: LCS 660-173515/5
Matrix: Water
Analysis Batch: 173515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	107		ug/L		107	62 - 142
Benzene	10.0	10.2		ug/L		102	68 - 134
Bromobenzene	10.0	10.2		ug/L		102	70 - 130
Bromoform	10.0	10.2		ug/L		102	65 - 130
Bromomethane	10.0	9.54		ug/L		95	22 - 150
2-Butanone (MEK)	100	89.9		ug/L		90	63 - 140
Carbon disulfide	10.0	10.6		ug/L		106	30 - 150
Carbon tetrachloride	10.0	12.1		ug/L		121	61 - 134
Chlorobenzene	10.0	10.1		ug/L		101	70 - 130
Chlorobromomethane	10.0	10.4		ug/L		104	70 - 130
Chlorodibromomethane	10.0	11.6		ug/L		116	70 - 130
Chloroethane	10.0	9.81		ug/L		98	39 - 150
Chloroform	10.0	11.3		ug/L		113	68 - 130
Chloromethane	10.0	9.76		ug/L		98	35 - 150
2-Chlorotoluene	10.0	10.4		ug/L		104	70 - 130
4-Chlorotoluene	10.0	10.3		ug/L		103	70 - 130
cis-1,2-Dichloroethene	10.0	11.0		ug/L		110	66 - 130
cis-1,3-Dichloropropene	10.0	9.57		ug/L		96	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.2		ug/L		102	63 - 130
Dibromomethane	10.0	10.7		ug/L		107	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173515/5
Matrix: Water
Analysis Batch: 173515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
1,3-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	10.0	9.97		ug/L		100	70 - 130
Dichlorobromomethane	10.0	11.0		ug/L		110	70 - 130
Dichlorodifluoromethane	10.0	14.6		ug/L		146	16 - 149
1,1-Dichloroethane	10.0	10.6		ug/L		106	66 - 130
1,2-Dichloroethane	10.0	9.42		ug/L		94	70 - 130
1,1-Dichloroethene	10.0	10.1		ug/L		101	51 - 150
1,2-Dichloropropane	10.0	10.8		ug/L		108	70 - 130
1,3-Dichloropropane	10.0	11.1		ug/L		111	70 - 130
2,2-Dichloropropane	10.0	11.1		ug/L		111	66 - 134
1,1-Dichloropropene	10.0	11.1		ug/L		111	65 - 136
Ethylbenzene	10.0	9.86		ug/L		99	70 - 130
Ethylene Dibromide	10.0	11.4		ug/L		114	66 - 130
Hexachlorobutadiene	10.0	10.6		ug/L		106	62 - 143
2-Hexanone	100	109		ug/L		109	60 - 148
Isopropylbenzene	10.0	9.93		ug/L		99	62 - 130
4-Isopropyltoluene	10.0	8.89		ug/L		89	65 - 134
Methylene Chloride	10.0	12.7		ug/L		127	57 - 130
4-Methyl-2-pentanone (MIBK)	100	89.7		ug/L		90	64 - 137
Methyl tert-butyl ether	10.0	8.93		ug/L		89	67 - 130
Naphthalene	10.0	8.33		ug/L		83	50 - 136
n-Butylbenzene	10.0	9.02		ug/L		90	61 - 131
N-Propylbenzene	10.0	9.79		ug/L		98	67 - 130
o-Xylene	10.0	9.06		ug/L		91	69 - 130
sec-Butylbenzene	10.0	10.7		ug/L		107	68 - 133
Styrene	10.0	8.41		ug/L		84	68 - 131
tert-Butylbenzene	10.0	10.4		ug/L		104	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.73		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.54		ug/L		95	70 - 130
Tetrachloroethene	10.0	12.3		ug/L		123	50 - 143
Toluene	10.0	11.4		ug/L		114	70 - 131
trans-1,2-Dichloroethene	10.0	11.1		ug/L		111	62 - 139
trans-1,3-Dichloropropene	10.0	9.71		ug/L		97	67 - 130
1,2,3-Trichlorobenzene	10.0	9.45		ug/L		95	58 - 132
1,2,4-Trichlorobenzene	10.0	9.06		ug/L		91	66 - 130
1,1,1-Trichloroethane	10.0	11.4		ug/L		114	63 - 132
1,1,2-Trichloroethane	10.0	10.9		ug/L		109	70 - 130
Trichloroethene	10.0	11.9		ug/L		119	63 - 139
Trichlorofluoromethane	10.0	12.9		ug/L		129	62 - 146
1,2,3-Trichloropropane	10.0	10.8		ug/L		108	66 - 130
1,2,4-Trimethylbenzene	10.0	8.60		ug/L		86	70 - 132
1,3,5-Trimethylbenzene	10.0	10.5		ug/L		105	65 - 134
Vinyl chloride	10.0	11.9		ug/L		119	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173515/5
Matrix: Water
Analysis Batch: 173515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	114		70 - 130

Lab Sample ID: LCSD 660-173515/6
Matrix: Water
Analysis Batch: 173515

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	104		ug/L		104	62 - 142	2	30
Benzene			10.0	10.0		ug/L		100	68 - 134	2	30
Bromobenzene			10.0	10.6		ug/L		106	70 - 130	4	30
Bromoform			10.0	9.86		ug/L		99	65 - 130	4	30
Bromomethane			10.0	9.26		ug/L		93	22 - 150	3	30
2-Butanone (MEK)			100	86.1		ug/L		86	63 - 140	4	30
Carbon disulfide			10.0	9.70		ug/L		97	30 - 150	8	30
Carbon tetrachloride			10.0	12.0		ug/L		120	61 - 134	1	30
Chlorobenzene			10.0	10.0		ug/L		100	70 - 130	1	30
Chlorobromomethane			10.0	11.5		ug/L		115	70 - 130	10	30
Chlorodibromomethane			10.0	11.0		ug/L		110	70 - 130	6	30
Chloroethane			10.0	9.36		ug/L		94	39 - 150	5	30
Chloroform			10.0	10.8		ug/L		108	68 - 130	5	30
Chloromethane			10.0	8.87		ug/L		89	35 - 150	10	30
2-Chlorotoluene			10.0	9.93		ug/L		99	70 - 130	5	30
4-Chlorotoluene			10.0	10.5		ug/L		105	70 - 130	1	30
cis-1,2-Dichloroethene			10.0	10.8		ug/L		108	66 - 130	1	30
cis-1,3-Dichloropropene			10.0	8.75		ug/L		88	70 - 130	9	30
1,2-Dibromo-3-Chloropropane			10.0	10.6		ug/L		106	63 - 130	4	30
Dibromomethane			10.0	11.0		ug/L		110	70 - 130	3	30
1,2-Dichlorobenzene			10.0	10.5		ug/L		105	70 - 130	3	30
1,3-Dichlorobenzene			10.0	10.2		ug/L		102	70 - 130	1	30
1,4-Dichlorobenzene			10.0	9.68		ug/L		97	70 - 130	3	30
Dichlorobromomethane			10.0	10.8		ug/L		108	70 - 130	2	30
Dichlorodifluoromethane			10.0	13.7		ug/L		137	16 - 149	6	30
1,1-Dichloroethane			10.0	10.8		ug/L		108	66 - 130	1	30
1,2-Dichloroethane			10.0	9.83		ug/L		98	70 - 130	4	30
1,1-Dichloroethene			10.0	10.3		ug/L		103	51 - 150	2	30
1,2-Dichloropropane			10.0	9.65		ug/L		96	70 - 130	11	30
1,3-Dichloropropane			10.0	11.3		ug/L		113	70 - 130	2	30
2,2-Dichloropropane			10.0	10.7		ug/L		107	66 - 134	4	30
1,1-Dichloropropene			10.0	11.4		ug/L		114	65 - 136	2	30
Ethylbenzene			10.0	9.95		ug/L		100	70 - 130	1	30
Ethylene Dibromide			10.0	9.98		ug/L		100	66 - 130	14	30
Hexachlorobutadiene			10.0	11.1		ug/L		111	62 - 143	4	30
2-Hexanone			100	111		ug/L		111	60 - 148	2	30
Isopropylbenzene			10.0	11.1		ug/L		111	62 - 130	11	30
4-Isopropyltoluene			10.0	8.65		ug/L		87	65 - 134	3	30
Methylene Chloride			10.0	12.7		ug/L		127	57 - 130	0	30
4-Methyl-2-pentanone (MIBK)			100	83.6		ug/L		84	64 - 137	7	30
Methyl tert-butyl ether			10.0	8.72		ug/L		87	67 - 130	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173515/6
Matrix: Water
Analysis Batch: 173515

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	8.74		ug/L		87	50 - 136	5	30
n-Butylbenzene			10.0	8.96		ug/L		90	61 - 131	1	30
N-Propylbenzene			10.0	9.90		ug/L		99	67 - 130	1	30
o-Xylene			10.0	9.56		ug/L		96	69 - 130	5	30
sec-Butylbenzene			10.0	10.3		ug/L		103	68 - 133	4	30
Styrene			10.0	9.02		ug/L		90	68 - 131	7	30
tert-Butylbenzene			10.0	10.3		ug/L		103	64 - 130	1	30
1,1,1,2-Tetrachloroethane			10.0	9.34		ug/L		93	70 - 130	4	30
1,1,2,2-Tetrachloroethane			10.0	9.64		ug/L		96	70 - 130	1	30
Tetrachloroethene			10.0	11.7		ug/L		117	50 - 143	4	30
Toluene			10.0	11.3		ug/L		113	70 - 131	0	30
trans-1,2-Dichloroethene			10.0	11.3		ug/L		113	62 - 139	2	30
trans-1,3-Dichloropropene			10.0	11.1		ug/L		111	67 - 130	13	30
1,2,3-Trichlorobenzene			10.0	9.83		ug/L		98	58 - 132	4	30
1,2,4-Trichlorobenzene			10.0	10.0		ug/L		100	66 - 130	10	30
1,1,1-Trichloroethane			10.0	11.3		ug/L		113	63 - 132	1	30
1,1,2-Trichloroethane			10.0	11.8		ug/L		118	70 - 130	7	30
Trichloroethene			10.0	11.2		ug/L		112	63 - 139	6	30
Trichlorofluoromethane			10.0	13.0		ug/L		130	62 - 146	0	30
1,2,3-Trichloropropane			10.0	10.0		ug/L		100	66 - 130	7	30
1,2,4-Trimethylbenzene			10.0	8.43		ug/L		84	70 - 132	2	30
1,3,5-Trimethylbenzene			10.0	10.4		ug/L		104	65 - 134	2	30
Vinyl chloride			10.0	10.5		ug/L		105	48 - 147	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*109*		*70 - 130*

Lab Sample ID: 660-75814-2 MS
Matrix: Water
Analysis Batch: 173515

Client Sample ID: MW-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	99.9		ug/L		100	62 - 142
Benzene	0.50	U	10.0	11.7		ug/L		117	68 - 134
Bromobenzene	0.58	U	10.0	11.0		ug/L		110	70 - 130
Bromoform	0.63	U	10.0	11.4		ug/L		114	65 - 130
Bromomethane	2.5	U J3	10.0	15.7	J3	ug/L		157	22 - 150
2-Butanone (MEK)	8.4	U	100	97.6		ug/L		98	63 - 140
Carbon disulfide	1.0	U	10.0	10.3		ug/L		103	30 - 150
Carbon tetrachloride	0.43	U	10.0	12.9		ug/L		129	61 - 134
Chlorobenzene	0.63	U	10.0	10.6		ug/L		106	70 - 130
Chlorobromomethane	0.58	U	10.0	11.5		ug/L		115	70 - 130
Chlorodibromomethane	0.31	U	10.0	11.8		ug/L		118	70 - 130
Chloroethane	2.5	U J3	10.0	16.8	J3	ug/L		168	39 - 150
Chloroform	0.90	U	10.0	11.8		ug/L		118	68 - 130
Chloromethane	1.0	U	10.0	10.2		ug/L		102	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75814-2 MS
Matrix: Water
Analysis Batch: 173515

Client Sample ID: MW-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	11.3		ug/L		113	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.8		ug/L		108	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	12.1		ug/L		121	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.58		ug/L		96	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.1		ug/L		101	63 - 130
Dibromomethane	0.46	U	10.0	10.2		ug/L		102	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.9		ug/L		109	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	10.5		ug/L		105	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.6		ug/L		106	70 - 130
Dichlorobromomethane	0.44	U	10.0	11.9		ug/L		119	70 - 130
Dichlorodifluoromethane	2.5	U J3	10.0	15.8	J3	ug/L		158	16 - 149
1,1-Dichloroethane	0.52	U	10.0	10.9		ug/L		109	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.9		ug/L		109	70 - 130
1,1-Dichloroethene	0.67	U	10.0	11.1		ug/L		111	51 - 150
1,2-Dichloropropane	0.52	U	10.0	12.1		ug/L		121	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.5		ug/L		115	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.9		ug/L		119	66 - 134
1,1-Dichloropropene	0.65	U	10.0	12.2		ug/L		122	65 - 136
Ethylbenzene	0.44	U	10.0	10.5		ug/L		105	70 - 130
Ethylene Dibromide	0.50	U	10.0	12.3		ug/L		123	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.5		ug/L		115	62 - 143
2-Hexanone	4.4	U	100	125		ug/L		125	60 - 148
Isopropylbenzene	0.52	U	10.0	11.3		ug/L		113	62 - 130
4-Isopropyltoluene	0.69	U	10.0	9.53		ug/L		95	65 - 134
Methylene Chloride	5.0	U	10.0	10.4		ug/L		104	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	97.3		ug/L		97	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.56		ug/L		96	67 - 130
Naphthalene	2.5	U	10.0	8.19		ug/L		82	50 - 136
n-Butylbenzene	0.67	U	10.0	9.26		ug/L		93	61 - 131
N-Propylbenzene	0.59	U	10.0	11.7		ug/L		117	67 - 130
o-Xylene	0.50	U	10.0	10.9		ug/L		109	69 - 130
sec-Butylbenzene	0.63	U	10.0	11.6		ug/L		116	68 - 133
Styrene	0.98	U	10.0	9.48		ug/L		95	68 - 131
tert-Butylbenzene	0.84	U	10.0	11.2		ug/L		112	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.6		ug/L		106	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	11.4		ug/L		114	70 - 130
Tetrachloroethene	0.50	U	10.0	12.4		ug/L		124	50 - 143
Toluene	0.51	U	10.0	12.7		ug/L		127	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	11.6		ug/L		116	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	11.8		ug/L		118	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	9.29		ug/L		93	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.72		ug/L		97	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.1		ug/L		121	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	12.3		ug/L		123	70 - 130
Trichloroethene	0.61	U	10.0	12.7		ug/L		127	63 - 139
Trichlorofluoromethane	2.5	U	10.0	13.2		ug/L		132	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	12.8		ug/L		128	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	9.44		ug/L		94	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75814-2 MS
Matrix: Water
Analysis Batch: 173515

Client Sample ID: MW-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	11.2		ug/L		112	65 - 134
Vinyl chloride	0.71	U	10.0	11.8		ug/L		118	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*108*		*70 - 130*

Lab Sample ID: 660-75814-1 DU
Matrix: Water
Analysis Batch: 173515

Client Sample ID: MW-11R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75814-1 DU
Matrix: Water
Analysis Batch: 173515

Client Sample ID: MW-11R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.77	I		0.649	I	ug/L				17	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*111*		*70 - 130*

Lab Sample ID: MB 660-173516/7
Matrix: Water
Analysis Batch: 173516

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/02/16 10:22	1
Benzene	0.50	U	1.0	0.50	ug/L			09/02/16 10:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 10:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/02/16 10:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/02/16 10:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/02/16 10:22	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/02/16 10:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173516/7
Matrix: Water
Analysis Batch: 173516

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/02/16 10:22	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/02/16 10:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/02/16 10:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/02/16 10:22	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/02/16 10:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/02/16 10:22	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/02/16 10:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/02/16 10:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/02/16 10:22	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/02/16 10:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/02/16 10:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/02/16 10:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/02/16 10:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/02/16 10:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/02/16 10:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/02/16 10:22	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/02/16 10:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 10:22	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/02/16 10:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/02/16 10:22	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 10:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/02/16 10:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/02/16 10:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/02/16 10:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/02/16 10:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/02/16 10:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/02/16 10:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/02/16 10:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/02/16 10:22	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/02/16 10:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/02/16 10:22	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/02/16 10:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/02/16 10:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/02/16 10:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/02/16 10:22	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/02/16 10:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/02/16 10:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/02/16 10:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/02/16 10:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/02/16 10:22	1
Styrene	0.98	U	2.0	0.98	ug/L			09/02/16 10:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/02/16 10:22	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 10:22	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 10:22	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 10:22	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 10:22	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/02/16 10:22	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 10:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173516/7
Matrix: Water
Analysis Batch: 173516

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 10:22	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 10:22	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 10:22	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 10:22	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/02/16 10:22	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 10:22	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 10:22	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 10:22	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 10:22	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 10:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*09/02/16 10:22*	*1*
Dibromofluoromethane	*116*		*70 - 130*		*09/02/16 10:22*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*09/02/16 10:22*	*1*

Lab Sample ID: LCS 660-173516/4
Matrix: Water
Analysis Batch: 173516

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	115		ug/L		115	62 - 142
Benzene	10.0	10.5		ug/L		105	68 - 134
Bromobenzene	10.0	11.3		ug/L		113	70 - 130
Bromoform	10.0	10.3		ug/L		103	65 - 130
Bromomethane	10.0	8.14		ug/L		81	22 - 150
2-Butanone (MEK)	100	103		ug/L		103	63 - 140
Carbon disulfide	10.0	11.8		ug/L		118	30 - 150
Carbon tetrachloride	10.0	10.6		ug/L		106	61 - 134
Chlorobenzene	10.0	10.8		ug/L		108	70 - 130
Chlorobromomethane	10.0	11.4		ug/L		114	70 - 130
Chlorodibromomethane	10.0	10.5		ug/L		105	70 - 130
Chloroethane	10.0	8.07		ug/L		81	39 - 150
Chloroform	10.0	11.5		ug/L		115	68 - 130
Chloromethane	10.0	11.0		ug/L		110	35 - 150
2-Chlorotoluene	10.0	11.1		ug/L		111	70 - 130
4-Chlorotoluene	10.0	11.8		ug/L		118	70 - 130
cis-1,2-Dichloroethene	10.0	11.3		ug/L		113	66 - 130
cis-1,3-Dichloropropene	10.0	10.5		ug/L		105	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.14		ug/L		91	63 - 130
Dibromomethane	10.0	10.6		ug/L		106	70 - 130
1,2-Dichlorobenzene	10.0	11.2		ug/L		112	70 - 130
1,3-Dichlorobenzene	10.0	11.4		ug/L		114	70 - 130
1,4-Dichlorobenzene	10.0	11.3		ug/L		113	70 - 130
Dichlorobromomethane	10.0	10.7		ug/L		107	70 - 130
Dichlorodifluoromethane	10.0	10.8		ug/L		108	16 - 149
1,1-Dichloroethane	10.0	11.4		ug/L		114	66 - 130
1,2-Dichloroethane	10.0	10.7		ug/L		107	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173516/4
Matrix: Water
Analysis Batch: 173516

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	11.1		ug/L		111	51 - 150
1,2-Dichloropropane	10.0	10.2		ug/L		102	70 - 130
1,3-Dichloropropane	10.0	10.5		ug/L		105	70 - 130
2,2-Dichloropropane	10.0	11.1		ug/L		111	66 - 134
1,1-Dichloropropene	10.0	10.8		ug/L		108	65 - 136
Ethylbenzene	10.0	11.2		ug/L		112	70 - 130
Ethylene Dibromide	10.0	10.1		ug/L		101	66 - 130
Hexachlorobutadiene	10.0	11.9		ug/L		119	62 - 143
2-Hexanone	100	107		ug/L		107	60 - 148
Isopropylbenzene	10.0	11.2		ug/L		112	62 - 130
4-Isopropyltoluene	10.0	11.7		ug/L		117	65 - 134
Methylene Chloride	10.0	12.9		ug/L		129	57 - 130
4-Methyl-2-pentanone (MIBK)	100	86.6		ug/L		87	64 - 137
Methyl tert-butyl ether	10.0	10.4		ug/L		104	67 - 130
Naphthalene	10.0	11.3		ug/L		113	50 - 136
n-Butylbenzene	10.0	11.0		ug/L		110	61 - 131
N-Propylbenzene	10.0	11.5		ug/L		115	67 - 130
o-Xylene	10.0	11.4		ug/L		114	69 - 130
sec-Butylbenzene	10.0	11.3		ug/L		113	68 - 133
Styrene	10.0	11.5		ug/L		115	68 - 131
tert-Butylbenzene	10.0	11.5		ug/L		115	64 - 130
1,1,1,2-Tetrachloroethane	10.0	11.2		ug/L		112	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.4		ug/L		104	70 - 130
Tetrachloroethene	10.0	10.5		ug/L		105	50 - 143
Toluene	10.0	11.0		ug/L		110	70 - 131
trans-1,2-Dichloroethene	10.0	10.5		ug/L		105	62 - 139
trans-1,3-Dichloropropene	10.0	8.61		ug/L		86	67 - 130
1,2,3-Trichlorobenzene	10.0	11.2		ug/L		112	58 - 132
1,2,4-Trichlorobenzene	10.0	11.2		ug/L		112	66 - 130
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	63 - 132
1,1,2-Trichloroethane	10.0	10.9		ug/L		109	70 - 130
Trichloroethene	10.0	10.3		ug/L		103	63 - 139
Trichlorofluoromethane	10.0	10.4		ug/L		104	62 - 146
1,2,3-Trichloropropane	10.0	11.2		ug/L		112	66 - 130
1,2,4-Trimethylbenzene	10.0	11.3		ug/L		113	70 - 132
1,3,5-Trimethylbenzene	10.0	11.1		ug/L		111	65 - 134
Vinyl chloride	10.0	11.5		ug/L		115	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173516/5
Matrix: Water
Analysis Batch: 173516

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	108		ug/L		108	62 - 142	7	30
Benzene	10.0	10.2		ug/L		102	68 - 134	3	30
Bromobenzene	10.0	9.80		ug/L		98	70 - 130	14	30
Bromoform	10.0	9.50		ug/L		95	65 - 130	8	30
Bromomethane	10.0	6.84		ug/L		68	22 - 150	17	30
2-Butanone (MEK)	100	110		ug/L		110	63 - 140	7	30
Carbon disulfide	10.0	11.1		ug/L		111	30 - 150	6	30
Carbon tetrachloride	10.0	10.1		ug/L		101	61 - 134	5	30
Chlorobenzene	10.0	10.1		ug/L		101	70 - 130	7	30
Chlorobromomethane	10.0	10.6		ug/L		106	70 - 130	7	30
Chlorodibromomethane	10.0	10.7		ug/L		107	70 - 130	2	30
Chloroethane	10.0	8.37		ug/L		84	39 - 150	4	30
Chloroform	10.0	10.4		ug/L		104	68 - 130	10	30
Chloromethane	10.0	9.22		ug/L		92	35 - 150	18	30
2-Chlorotoluene	10.0	9.69		ug/L		97	70 - 130	14	30
4-Chlorotoluene	10.0	10.0		ug/L		100	70 - 130	16	30
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	66 - 130	11	30
cis-1,3-Dichloropropene	10.0	9.63		ug/L		96	70 - 130	9	30
1,2-Dibromo-3-Chloropropane	10.0	9.01		ug/L		90	63 - 130	1	30
Dibromomethane	10.0	10.1		ug/L		101	70 - 130	5	30
1,2-Dichlorobenzene	10.0	9.66		ug/L		97	70 - 130	14	30
1,3-Dichlorobenzene	10.0	9.90		ug/L		99	70 - 130	14	30
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130	10	30
Dichlorobromomethane	10.0	10.5		ug/L		105	70 - 130	2	30
Dichlorodifluoromethane	10.0	9.78		ug/L		98	16 - 149	10	30
1,1-Dichloroethane	10.0	11.0		ug/L		110	66 - 130	4	30
1,2-Dichloroethane	10.0	9.85		ug/L		98	70 - 130	8	30
1,1-Dichloroethene	10.0	10.1		ug/L		101	51 - 150	9	30
1,2-Dichloropropane	10.0	10.3		ug/L		103	70 - 130	0	30
1,3-Dichloropropane	10.0	9.64		ug/L		96	70 - 130	8	30
2,2-Dichloropropane	10.0	10.3		ug/L		103	66 - 134	7	30
1,1-Dichloropropene	10.0	9.75		ug/L		98	65 - 136	10	30
Ethylbenzene	10.0	9.32		ug/L		93	70 - 130	18	30
Ethylene Dibromide	10.0	10.3		ug/L		103	66 - 130	2	30
Hexachlorobutadiene	10.0	11.2		ug/L		112	62 - 143	6	30
2-Hexanone	100	103		ug/L		103	60 - 148	3	30
Isopropylbenzene	10.0	10.2		ug/L		102	62 - 130	10	30
4-Isopropyltoluene	10.0	9.99		ug/L		100	65 - 134	15	30
Methylene Chloride	10.0	11.6		ug/L		116	57 - 130	11	30
4-Methyl-2-pentanone (MIBK)	100	90.2		ug/L		90	64 - 137	4	30
Methyl tert-butyl ether	10.0	10.3		ug/L		103	67 - 130	1	30
Naphthalene	10.0	9.63		ug/L		96	50 - 136	16	30
n-Butylbenzene	10.0	9.64		ug/L		96	61 - 131	13	30
N-Propylbenzene	10.0	9.91		ug/L		99	67 - 130	15	30
o-Xylene	10.0	10.1		ug/L		101	69 - 130	13	30
sec-Butylbenzene	10.0	9.99		ug/L		100	68 - 133	12	30
Styrene	10.0	9.89		ug/L		99	68 - 131	15	30
tert-Butylbenzene	10.0	9.81		ug/L		98	64 - 130	16	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173516/5
Matrix: Water
Analysis Batch: 173516

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			10.0	9.86		ug/L		99	70 - 130	12	30
1,1,2,2-Tetrachloroethane			10.0	9.67		ug/L		97	70 - 130	8	30
Tetrachloroethene			10.0	10.4		ug/L		104	50 - 143	1	30
Toluene			10.0	9.85		ug/L		99	70 - 131	11	30
trans-1,2-Dichloroethene			10.0	10.6		ug/L		106	62 - 139	0	30
trans-1,3-Dichloropropene			10.0	8.59		ug/L		86	67 - 130	0	30
1,2,3-Trichlorobenzene			10.0	9.83		ug/L		98	58 - 132	13	30
1,2,4-Trichlorobenzene			10.0	9.99		ug/L		100	66 - 130	12	30
1,1,1-Trichloroethane			10.0	10.6		ug/L		106	63 - 132	3	30
1,1,2-Trichloroethane			10.0	9.88		ug/L		99	70 - 130	10	30
Trichloroethene			10.0	9.01		ug/L		90	63 - 139	13	30
Trichlorofluoromethane			10.0	9.49		ug/L		95	62 - 146	9	30
1,2,3-Trichloropropane			10.0	8.56		ug/L		86	66 - 130	27	30
1,2,4-Trimethylbenzene			10.0	9.90		ug/L		99	70 - 132	13	30
1,3,5-Trimethylbenzene			10.0	9.71		ug/L		97	65 - 134	14	30
Vinyl chloride			10.0	9.54		ug/L		95	48 - 147	18	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*110*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 660-75781-21 MS
Matrix: Water
Analysis Batch: 173516

Client Sample ID: MW-134 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	104		ug/L		104	62 - 142
Benzene	0.50	U	10.0	10.3		ug/L		103	68 - 134
Bromobenzene	0.58	U	10.0	10.5		ug/L		105	70 - 130
Bromoform	0.63	U	10.0	10.0		ug/L		100	65 - 130
Bromomethane	2.5	U	10.0	7.68		ug/L		77	22 - 150
2-Butanone (MEK)	8.4	U	100	101		ug/L		101	63 - 140
Carbon disulfide	1.0	U	10.0	10.4		ug/L		104	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.0		ug/L		110	61 - 134
Chlorobenzene	0.63	U	10.0	10.2		ug/L		102	70 - 130
Chlorobromomethane	0.58	U	10.0	10.9		ug/L		109	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.1		ug/L		101	70 - 130
Chloroethane	2.5	U	10.0	9.98		ug/L		100	39 - 150
Chloroform	0.90	U	10.0	10.8		ug/L		108	68 - 130
Chloromethane	1.0	U	10.0	11.3		ug/L		113	35 - 150
2-Chlorotoluene	0.65	U	10.0	10.5		ug/L		105	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.9		ug/L		109	70 - 130
cis-1,2-Dichloroethene	24		10.0	33.3		ug/L		88	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	9.17		ug/L		92	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.5		ug/L		105	63 - 130
Dibromomethane	0.46	U	10.0	10.9		ug/L		109	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.6		ug/L		106	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75781-21 MS
Matrix: Water
Analysis Batch: 173516

Client Sample ID: MW-134 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.64	U	10.0	10.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.2		ug/L		102	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.4		ug/L		104	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	11.5		ug/L		115	16 - 149
1,1-Dichloroethane	9.8		10.0	18.6		ug/L		88	66 - 130
1,2-Dichloroethane	0.57	U	10.0	10.9		ug/L		109	70 - 130
1,1-Dichloroethene	17		10.0	25.7		ug/L		89	51 - 150
1,2-Dichloropropane	0.52	U	10.0	10.3		ug/L		103	70 - 130
1,3-Dichloropropane	0.42	U	10.0	9.73		ug/L		97	70 - 130
2,2-Dichloropropane	0.36	U	10.0	10.4		ug/L		104	66 - 134
1,1-Dichloropropene	0.65	U	10.0	10.6		ug/L		106	65 - 136
Ethylbenzene	0.44	U	10.0	10.4		ug/L		104	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.4		ug/L		104	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.4		ug/L		114	62 - 143
2-Hexanone	4.4	U	100	108		ug/L		108	60 - 148
Isopropylbenzene	0.52	U	10.0	10.6		ug/L		106	62 - 130
4-Isopropyltoluene	0.69	U	10.0	10.8		ug/L		108	65 - 134
Methylene Chloride	5.0	U	10.0	9.53	I	ug/L		95	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	85.1		ug/L		85	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	9.60		ug/L		96	67 - 130
Naphthalene	2.5	U	10.0	9.94		ug/L		99	50 - 136
n-Butylbenzene	0.67	U	10.0	10.8		ug/L		108	61 - 131
N-Propylbenzene	0.59	U	10.0	11.0		ug/L		110	67 - 130
o-Xylene	0.50	U	10.0	10.2		ug/L		102	69 - 130
sec-Butylbenzene	0.63	U	10.0	10.5		ug/L		105	68 - 133
Styrene	0.98	U	10.0	10.4		ug/L		104	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.7		ug/L		107	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	9.73		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.49		ug/L		95	70 - 130
Tetrachloroethene	0.50	U	10.0	10.4		ug/L		104	50 - 143
Toluene	0.51	U	10.0	10.4		ug/L		104	70 - 131
trans-1,2-Dichloroethene	1.5		10.0	11.0		ug/L		96	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.95		ug/L		80	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.5		ug/L		105	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	9.75		ug/L		97	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	11.2		ug/L		112	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	9.44		ug/L		94	70 - 130
Trichloroethene	8.7		10.0	17.3		ug/L		86	63 - 139
Trichlorofluoromethane	2.5	U	10.0	11.6		ug/L		116	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	11.2		ug/L		112	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.6		ug/L		106	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	10.9		ug/L		109	65 - 134
Vinyl chloride	0.71	U	10.0	12.1		ug/L		121	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 660-75781-21 MSD
Matrix: Water
Analysis Batch: 173516

Client Sample ID: MW-134 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	9.9	U	100	111		ug/L		111	62 - 142	6	30
Benzene	0.50	U	10.0	10.2		ug/L		102	68 - 134	1	30
Bromobenzene	0.58	U	10.0	10.0		ug/L		100	70 - 130	5	30
Bromoform	0.63	U	10.0	10.5		ug/L		105	65 - 130	4	30
Bromomethane	2.5	U	10.0	7.60		ug/L		76	22 - 150	1	30
2-Butanone (MEK)	8.4	U	100	111		ug/L		111	63 - 140	10	30
Carbon disulfide	1.0	U	10.0	10.4		ug/L		104	30 - 150	1	30
Carbon tetrachloride	0.43	U	10.0	10.8		ug/L		108	61 - 134	2	30
Chlorobenzene	0.63	U	10.0	10.0		ug/L		100	70 - 130	2	30
Chlorobromomethane	0.58	U	10.0	10.3		ug/L		103	70 - 130	6	30
Chlorodibromomethane	0.31	U	10.0	9.63		ug/L		96	70 - 130	4	30
Chloroethane	2.5	U	10.0	9.10		ug/L		91	39 - 150	9	30
Chloroform	0.90	U	10.0	10.7		ug/L		107	68 - 130	1	30
Chloromethane	1.0	U	10.0	11.2		ug/L		112	35 - 150	1	30
2-Chlorotoluene	0.65	U	10.0	10.0		ug/L		100	70 - 130	5	30
4-Chlorotoluene	0.52	U	10.0	9.51		ug/L		95	70 - 130	13	30
cis-1,2-Dichloroethene	24		10.0	33.2		ug/L		87	66 - 130	0	30
cis-1,3-Dichloropropene	0.39	U	10.0	9.92		ug/L		99	70 - 130	8	30
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.5		ug/L		105	63 - 130	0	30
Dibromomethane	0.46	U	10.0	9.99		ug/L		100	70 - 130	9	30
1,2-Dichlorobenzene	0.49	U	10.0	9.98		ug/L		100	70 - 130	6	30
1,3-Dichlorobenzene	0.64	U	10.0	10.7		ug/L		107	70 - 130	7	30
1,4-Dichlorobenzene	0.60	U	10.0	10.3		ug/L		103	70 - 130	1	30
Dichlorobromomethane	0.44	U	10.0	10.3		ug/L		103	70 - 130	1	30
Dichlorodifluoromethane	2.5	U	10.0	10.5		ug/L		105	16 - 149	10	30
1,1-Dichloroethane	9.8		10.0	17.9		ug/L		81	66 - 130	4	30
1,2-Dichloroethane	0.57	U	10.0	10.4		ug/L		104	70 - 130	5	30
1,1-Dichloroethene	17		10.0	24.7		ug/L		79	51 - 150	4	30
1,2-Dichloropropane	0.52	U	10.0	9.80		ug/L		98	70 - 130	5	30
1,3-Dichloropropane	0.42	U	10.0	10.4		ug/L		104	70 - 130	7	30
2,2-Dichloropropane	0.36	U	10.0	9.84		ug/L		98	66 - 134	6	30
1,1-Dichloropropene	0.65	U	10.0	11.0		ug/L		110	65 - 136	4	30
Ethylbenzene	0.44	U	10.0	10.4		ug/L		104	70 - 130	1	30
Ethylene Dibromide	0.50	U	10.0	9.99		ug/L		100	66 - 130	4	30
Hexachlorobutadiene	0.34	U	10.0	11.2		ug/L		112	62 - 143	2	30
2-Hexanone	4.4	U	100	108		ug/L		108	60 - 148	0	30
Isopropylbenzene	0.52	U	10.0	10.6		ug/L		106	62 - 130	0	30
4-Isopropyltoluene	0.69	U	10.0	10.6		ug/L		106	65 - 134	2	30
Methylene Chloride	5.0	U	10.0	9.77	I	ug/L		98	57 - 130	3	30
4-Methyl-2-pentanone (MIBK)	4.0	U	100	81.9		ug/L		82	64 - 137	4	30
Methyl tert-butyl ether	0.44	U	10.0	10.4		ug/L		104	67 - 130	8	30
Naphthalene	2.5	U	10.0	9.98		ug/L		100	50 - 136	0	30
n-Butylbenzene	0.67	U	10.0	10.0		ug/L		100	61 - 131	7	30
N-Propylbenzene	0.59	U	10.0	10.5		ug/L		105	67 - 130	5	30
o-Xylene	0.50	U	10.0	9.70		ug/L		97	69 - 130	5	30
sec-Butylbenzene	0.63	U	10.0	10.5		ug/L		105	68 - 133	1	30
Styrene	0.98	U	10.0	10.2		ug/L		102	68 - 131	2	30
tert-Butylbenzene	0.84	U	10.0	10.4		ug/L		104	64 - 130	3	30
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.6		ug/L		106	70 - 130	8	30
1,1,2,2-Tetrachloroethane	0.17	U	10.0	9.91		ug/L		99	70 - 130	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75781-21 MSD
Matrix: Water
Analysis Batch: 173516

Client Sample ID: MW-134 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	0.50	U	10.0	10.8		ug/L		108	50 - 143	4	30
Toluene	0.51	U	10.0	10.1		ug/L		101	70 - 131	3	30
trans-1,2-Dichloroethene	1.5		10.0	11.5		ug/L		101	62 - 139	4	30
trans-1,3-Dichloropropene	0.27	U	10.0	8.27		ug/L		83	67 - 130	4	30
1,2,3-Trichlorobenzene	0.77	U	10.0	10.6		ug/L		106	58 - 132	1	30
1,2,4-Trichlorobenzene	0.58	U	10.0	10.3		ug/L		103	66 - 130	6	30
1,1,1-Trichloroethane	0.47	U	10.0	10.8		ug/L		108	63 - 132	3	30
1,1,2-Trichloroethane	0.47	U	10.0	10.3		ug/L		103	70 - 130	9	30
Trichloroethene	8.7		10.0	15.0		ug/L		63	63 - 139	14	30
Trichlorofluoromethane	2.5	U	10.0	11.3		ug/L		113	62 - 146	3	30
1,2,3-Trichloropropane	0.44	U	10.0	9.98		ug/L		100	66 - 130	11	30
1,2,4-Trimethylbenzene	0.86	U	10.0	10.4		ug/L		104	70 - 132	2	30
1,3,5-Trimethylbenzene	0.54	U	10.0	10.5		ug/L		105	65 - 134	3	30
Vinyl chloride	0.71	U	10.0	12.2		ug/L		122	48 - 147	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 660-173554/6
Matrix: Water
Analysis Batch: 173554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			09/05/16 11:03	1
Benzene	0.50	U	1.0	0.50	ug/L			09/05/16 11:03	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			09/05/16 11:03	1
Bromoform	0.63	U	1.0	0.63	ug/L			09/05/16 11:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			09/05/16 11:03	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/05/16 11:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			09/05/16 11:03	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			09/05/16 11:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/05/16 11:03	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			09/05/16 11:03	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			09/05/16 11:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			09/05/16 11:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/05/16 11:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			09/05/16 11:03	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			09/05/16 11:03	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			09/05/16 11:03	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			09/05/16 11:03	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			09/05/16 11:03	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			09/05/16 11:03	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			09/05/16 11:03	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			09/05/16 11:03	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			09/05/16 11:03	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			09/05/16 11:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173554/6
Matrix: Water
Analysis Batch: 173554

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			09/05/16 11:03	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			09/05/16 11:03	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			09/05/16 11:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/05/16 11:03	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/05/16 11:03	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			09/05/16 11:03	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			09/05/16 11:03	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/05/16 11:03	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			09/05/16 11:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			09/05/16 11:03	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			09/05/16 11:03	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			09/05/16 11:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			09/05/16 11:03	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			09/05/16 11:03	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			09/05/16 11:03	1
Methylene Chloride	5.0	U	10	5.0	ug/L			09/05/16 11:03	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			09/05/16 11:03	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			09/05/16 11:03	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			09/05/16 11:03	1
Naphthalene	2.5	U	5.0	2.5	ug/L			09/05/16 11:03	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			09/05/16 11:03	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			09/05/16 11:03	1
o-Xylene	0.50	U	1.0	0.50	ug/L			09/05/16 11:03	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			09/05/16 11:03	1
Styrene	0.98	U	2.0	0.98	ug/L			09/05/16 11:03	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			09/05/16 11:03	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/05/16 11:03	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/05/16 11:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/05/16 11:03	1
Toluene	0.51	U	1.0	0.51	ug/L			09/05/16 11:03	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			09/05/16 11:03	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/05/16 11:03	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/05/16 11:03	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/05/16 11:03	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/05/16 11:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/05/16 11:03	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			09/05/16 11:03	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/05/16 11:03	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/05/16 11:03	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/05/16 11:03	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/05/16 11:03	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/05/16 11:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*09/05/16 11:03*	*1*
Dibromofluoromethane	*114*		*70 - 130*		*09/05/16 11:03*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/05/16 11:03*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173554/4
Matrix: Water
Analysis Batch: 173554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	113		ug/L		113	62 - 142
Benzene	10.0	9.58		ug/L		96	68 - 134
Bromobenzene	10.0	9.83		ug/L		98	70 - 130
Bromoform	10.0	10.7		ug/L		107	65 - 130
Bromomethane	10.0	7.20		ug/L		72	22 - 150
2-Butanone (MEK)	100	109		ug/L		109	63 - 140
Carbon disulfide	10.0	10.0		ug/L		100	30 - 150
Carbon tetrachloride	10.0	10.3		ug/L		103	61 - 134
Chlorobenzene	10.0	10.0		ug/L		100	70 - 130
Chlorobromomethane	10.0	9.67		ug/L		97	70 - 130
Chlorodibromomethane	10.0	10.1		ug/L		101	70 - 130
Chloroethane	10.0	8.32		ug/L		83	39 - 150
Chloroform	10.0	10.3		ug/L		103	68 - 130
Chloromethane	10.0	10.1		ug/L		101	35 - 150
2-Chlorotoluene	10.0	9.66		ug/L		97	70 - 130
4-Chlorotoluene	10.0	9.55		ug/L		95	70 - 130
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	66 - 130
cis-1,3-Dichloropropene	10.0	9.63		ug/L		96	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.40		ug/L		94	63 - 130
Dibromomethane	10.0	9.76		ug/L		98	70 - 130
1,2-Dichlorobenzene	10.0	10.0		ug/L		100	70 - 130
1,3-Dichlorobenzene	10.0	9.89		ug/L		99	70 - 130
1,4-Dichlorobenzene	10.0	9.92		ug/L		99	70 - 130
Dichlorobromomethane	10.0	10.3		ug/L		103	70 - 130
Dichlorodifluoromethane	10.0	9.97		ug/L		100	16 - 149
1,1-Dichloroethane	10.0	9.61		ug/L		96	66 - 130
1,2-Dichloroethane	10.0	10.0		ug/L		100	70 - 130
1,1-Dichloroethene	10.0	10.4		ug/L		104	51 - 150
1,2-Dichloropropane	10.0	9.87		ug/L		99	70 - 130
1,3-Dichloropropane	10.0	9.64		ug/L		96	70 - 130
2,2-Dichloropropane	10.0	9.87		ug/L		99	66 - 134
1,1-Dichloropropene	10.0	10.1		ug/L		101	65 - 136
Ethylbenzene	10.0	10.2		ug/L		102	70 - 130
Ethylene Dibromide	10.0	9.93		ug/L		99	66 - 130
Hexachlorobutadiene	10.0	10.9		ug/L		109	62 - 143
2-Hexanone	100	108		ug/L		108	60 - 148
Isopropylbenzene	10.0	9.72		ug/L		97	62 - 130
4-Isopropyltoluene	10.0	9.88		ug/L		99	65 - 134
Methylene Chloride	10.0	11.4		ug/L		114	57 - 130
4-Methyl-2-pentanone (MIBK)	100	86.1		ug/L		86	64 - 137
Methyl tert-butyl ether	10.0	10.2		ug/L		102	67 - 130
Naphthalene	10.0	10.7		ug/L		107	50 - 136
n-Butylbenzene	10.0	9.33		ug/L		93	61 - 131
N-Propylbenzene	10.0	9.75		ug/L		98	67 - 130
o-Xylene	10.0	9.88		ug/L		99	69 - 130
sec-Butylbenzene	10.0	9.63		ug/L		96	68 - 133
Styrene	10.0	10.1		ug/L		101	68 - 131
tert-Butylbenzene	10.0	10.1		ug/L		101	64 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173554/4
Matrix: Water
Analysis Batch: 173554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	10.4		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.53		ug/L		95	70 - 130
Tetrachloroethene	10.0	10.5		ug/L		105	50 - 143
Toluene	10.0	9.43		ug/L		94	70 - 131
trans-1,2-Dichloroethene	10.0	9.75		ug/L		97	62 - 139
trans-1,3-Dichloropropene	10.0	7.77		ug/L		78	67 - 130
1,2,3-Trichlorobenzene	10.0	10.3		ug/L		103	58 - 132
1,2,4-Trichlorobenzene	10.0	10.4		ug/L		104	66 - 130
1,1,1-Trichloroethane	10.0	10.7		ug/L		107	63 - 132
1,1,2-Trichloroethane	10.0	9.86		ug/L		99	70 - 130
Trichloroethene	10.0	9.30		ug/L		93	63 - 139
Trichlorofluoromethane	10.0	11.2		ug/L		112	62 - 146
1,2,3-Trichloropropane	10.0	10.7		ug/L		107	66 - 130
1,2,4-Trimethylbenzene	10.0	9.90		ug/L		99	70 - 132
1,3,5-Trimethylbenzene	10.0	9.91		ug/L		99	65 - 134
Vinyl chloride	10.0	11.1		ug/L		111	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-75884-F-2 MS
Matrix: Water
Analysis Batch: 173554

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	110		ug/L		110	62 - 142
Benzene	0.50	U	10.0	10.7		ug/L		107	68 - 134
Bromobenzene	0.58	U	10.0	11.0		ug/L		110	70 - 130
Bromoform	0.63	U	10.0	10.3		ug/L		103	65 - 130
Bromomethane	2.5	U	10.0	5.81		ug/L		58	22 - 150
2-Butanone (MEK)	8.4	U	100	100		ug/L		100	63 - 140
Carbon disulfide	1.0	U	10.0	10.7		ug/L		107	30 - 150
Carbon tetrachloride	0.43	U	10.0	12.2		ug/L		122	61 - 134
Chlorobenzene	0.63	U	10.0	10.7		ug/L		107	70 - 130
Chlorobromomethane	0.58	U	10.0	10.4		ug/L		104	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.2		ug/L		102	70 - 130
Chloroethane	2.5	U	10.0	9.95		ug/L		99	39 - 150
Chloroform	0.90	U	10.0	11.8		ug/L		118	68 - 130
Chloromethane	1.0	U	10.0	11.0		ug/L		110	35 - 150
2-Chlorotoluene	0.65	U	10.0	11.0		ug/L		110	70 - 130
4-Chlorotoluene	0.52	U	10.0	10.7		ug/L		107	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	11.9		ug/L		119	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	10.3		ug/L		103	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	9.16		ug/L		92	63 - 130
Dibromomethane	0.46	U	10.0	10.7		ug/L		107	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	10.4		ug/L		104	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75884-F-2 MS
Matrix: Water
Analysis Batch: 173554

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.64	U	10.0	10.5		ug/L		105	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	10.2		ug/L		102	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.9		ug/L		109	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	11.6		ug/L		116	16 - 149
1,1-Dichloroethane	0.52	U	10.0	11.0		ug/L		110	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.4		ug/L		114	70 - 130
1,1-Dichloroethene	0.67	U	10.0	10.8		ug/L		108	51 - 150
1,2-Dichloropropane	0.52	U	10.0	11.2		ug/L		112	70 - 130
1,3-Dichloropropane	0.42	U	10.0	10.5		ug/L		105	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.1		ug/L		111	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.1		ug/L		111	65 - 136
Ethylbenzene	0.44	U	10.0	11.1		ug/L		111	70 - 130
Ethylene Dibromide	0.50	U	10.0	10.9		ug/L		109	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.4		ug/L		114	62 - 143
2-Hexanone	4.4	U	100	105		ug/L		105	60 - 148
Isopropylbenzene	0.52	U	10.0	11.3		ug/L		113	62 - 130
4-Isopropyltoluene	0.69	U	10.0	10.8		ug/L		108	65 - 134
Methylene Chloride	5.0	U	10.0	10.8		ug/L		108	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	85.4		ug/L		85	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.9		ug/L		109	67 - 130
Naphthalene	2.5	U	10.0	10.1		ug/L		101	50 - 136
n-Butylbenzene	0.67	U	10.0	10.7		ug/L		107	61 - 131
N-Propylbenzene	0.59	U	10.0	11.3		ug/L		113	67 - 130
o-Xylene	0.50	U	10.0	10.4		ug/L		104	69 - 130
sec-Butylbenzene	0.63	U	10.0	10.8		ug/L		108	68 - 133
Styrene	0.98	U	10.0	11.1		ug/L		111	68 - 131
tert-Butylbenzene	0.84	U	10.0	10.7		ug/L		107	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	11.3		ug/L		113	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	10.2		ug/L		102	70 - 130
Tetrachloroethene	0.50	U	10.0	11.6		ug/L		116	50 - 143
Toluene	0.51	U	10.0	11.1		ug/L		111	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	10.5		ug/L		105	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	8.66		ug/L		87	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.6		ug/L		106	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	10.7		ug/L		107	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	12.3		ug/L		123	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	11.0		ug/L		110	70 - 130
Trichloroethene	0.61	U	10.0	10.8		ug/L		108	63 - 139
Trichlorofluoromethane	2.5	U	10.0	12.6		ug/L		126	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	9.98		ug/L		100	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	10.7		ug/L		107	70 - 132
1,3,5-Trimethylbenzene	0.54	U	10.0	10.9		ug/L		109	65 - 134
Vinyl chloride	0.71	U	10.0	11.3		ug/L		113	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-75884-F-1 DU
Matrix: Water
Analysis Batch: 173554

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Acetone	9.9	U		9.9	U	ug/L				NC	30
Benzene	0.50	U		0.50	U	ug/L				NC	30
Bromobenzene	0.58	U		0.58	U	ug/L				NC	30
Bromoform	0.63	U		0.63	U	ug/L				NC	30
Bromomethane	2.5	U		2.5	U	ug/L				NC	30
2-Butanone (MEK)	8.4	U		8.4	U	ug/L				NC	30
Carbon disulfide	1.0	U		1.0	U	ug/L				NC	30
Carbon tetrachloride	0.43	U		0.43	U	ug/L				NC	30
Chlorobenzene	0.63	U		0.63	U	ug/L				NC	30
Chlorobromomethane	0.58	U		0.58	U	ug/L				NC	30
Chlorodibromomethane	0.31	U		0.31	U	ug/L				NC	30
Chloroethane	2.5	U		2.5	U	ug/L				NC	30
Chloroform	0.90	U		0.90	U	ug/L				NC	30
Chloromethane	1.0	U		1.0	U	ug/L				NC	30
2-Chlorotoluene	0.65	U		0.65	U	ug/L				NC	30
4-Chlorotoluene	0.52	U		0.52	U	ug/L				NC	30
cis-1,2-Dichloroethene	0.65	U		0.65	U	ug/L				NC	30
cis-1,3-Dichloropropene	0.39	U		0.39	U	ug/L				NC	30
1,2-Dibromo-3-Chloropropane	2.5	U		2.5	U	ug/L				NC	30
Dibromomethane	0.46	U		0.46	U	ug/L				NC	30
1,2-Dichlorobenzene	0.49	U		0.49	U	ug/L				NC	30
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1-Dichloroethane	0.52	U		0.52	U	ug/L				NC	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.91	I		0.899	I	ug/L				1	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.69	I		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		2.65		ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75884-F-1 DU
Matrix: Water
Analysis Batch: 173554

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-75635-B-1 MS
Matrix: Water
Analysis Batch: 173248

Client Sample ID: Matrix Spike
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acetone	99	U	1000	1050		ug/L		105	62 - 142		
Benzene	5.0	U	100	92.0		ug/L		92	68 - 134		
Bromobenzene	5.8	U	100	96.9		ug/L		97	70 - 130		
Bromoform	6.3	U	100	87.5		ug/L		87	65 - 130		
Bromomethane	25	U	100	74.7		ug/L		75	22 - 150		
2-Butanone (MEK)	84	U	1000	1080		ug/L		108	63 - 140		
Carbon disulfide	10	U	100	74.5		ug/L		74	30 - 150		
Carbon tetrachloride	4.3	U	100	93.4		ug/L		93	61 - 134		
Chlorobenzene	6.3	U	100	95.3		ug/L		95	70 - 130		
Chlorobromomethane	5.8	U	100	93.1		ug/L		93	70 - 130		
Chlorodibromomethane	3.1	U	100	88.0		ug/L		88	70 - 130		
Chloroethane	25	U	100	88.0		ug/L		88	39 - 150		
Chloroform	9.0	U	100	94.9		ug/L		95	68 - 130		
Chloromethane	10	U	100	98.0		ug/L		98	35 - 150		
2-Chlorotoluene	6.5	U	100	98.1		ug/L		98	70 - 130		
4-Chlorotoluene	5.2	U	100	95.3		ug/L		95	70 - 130		
cis-1,2-Dichloroethene	6.5	U	100	95.1		ug/L		95	66 - 130		
cis-1,3-Dichloropropene	3.9	U	100	93.3		ug/L		93	70 - 130		
1,2-Dibromo-3-Chloropropane	25	U	100	79.4		ug/L		79	63 - 130		
Dibromomethane	4.6	U	100	95.8		ug/L		96	70 - 130		
1,2-Dichlorobenzene	4.9	U	100	101		ug/L		101	70 - 130		
1,3-Dichlorobenzene	6.4	U	100	97.9		ug/L		98	70 - 130		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75635-B-1 MS
Matrix: Water
Analysis Batch: 173248

Client Sample ID: Matrix Spike
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	6.0	U	100	98.2		ug/L		98	70 - 130
Dichlorobromomethane	4.4	U	100	86.1		ug/L		86	70 - 130
Dichlorodifluoromethane	25	U	100	97.4		ug/L		97	16 - 149
1,1-Dichloroethane	5.2	U	100	92.1		ug/L		92	66 - 130
1,2-Dichloroethane	5.7	U	100	94.5		ug/L		95	70 - 130
1,1-Dichloroethene	6.7	U	100	92.3		ug/L		92	51 - 150
1,2-Dichloropropane	5.2	U	100	90.3		ug/L		90	70 - 130
1,3-Dichloropropane	4.2	U	100	102		ug/L		102	70 - 130
2,2-Dichloropropane	3.6	U	100	87.6		ug/L		88	66 - 134
1,1-Dichloropropene	6.5	U	100	94.9		ug/L		95	65 - 136
Ethylbenzene	5.7	I	100	99.1		ug/L		93	70 - 130
Ethylene Dibromide	5.0	U	100	104		ug/L		104	66 - 130
Hexachlorobutadiene	3.4	U	100	101		ug/L		101	62 - 143
2-Hexanone	44	U	1000	1110		ug/L		111	60 - 148
Isopropylbenzene	5.2	U	100	100		ug/L		100	62 - 130
4-Isopropyltoluene	6.9	U	100	100		ug/L		100	65 - 134
Methylene Chloride	50	U	100	121		ug/L		121	57 - 130
4-Methyl-2-pentanone (MIBK)	40	U	1000	1050		ug/L		105	64 - 137
Methyl tert-butyl ether	4.4	U	100	97.6		ug/L		98	67 - 130
Naphthalene	25	U	100	105		ug/L		105	50 - 136
n-Butylbenzene	6.7	U	100	98.6		ug/L		99	61 - 131
N-Propylbenzene	13		100	102		ug/L		89	67 - 130
o-Xylene	33	J3	100	100	J3	ug/L		68	69 - 130
sec-Butylbenzene	6.3	U	100	101		ug/L		101	68 - 133
Styrene	9.8	U	100	97.9		ug/L		98	68 - 131
tert-Butylbenzene	8.4	U	100	99.1		ug/L		99	64 - 130
1,1,1,2-Tetrachloroethane	6.3	U	100	93.2		ug/L		93	70 - 130
1,1,2,2-Tetrachloroethane	1.7	U	100	104		ug/L		104	70 - 130
Tetrachloroethene	5.0	U	100	99.9		ug/L		100	50 - 143
Toluene	5.1	U	100	96.4		ug/L		96	70 - 131
trans-1,2-Dichloroethene	6.7	U	100	95.7		ug/L		96	62 - 139
trans-1,3-Dichloropropene	2.7	U	100	82.7		ug/L		83	67 - 130
1,2,3-Trichlorobenzene	7.7	U	100	97.7		ug/L		98	58 - 132
1,2,4-Trichlorobenzene	5.8	U	100	97.2		ug/L		97	66 - 130
1,1,1-Trichloroethane	4.7	U	100	93.3		ug/L		93	63 - 132
1,1,2-Trichloroethane	4.7	U	100	101		ug/L		101	70 - 130
Trichloroethene	6.1	U	100	91.8		ug/L		92	63 - 139
Trichlorofluoromethane	25	U	100	112		ug/L		112	62 - 146
1,2,3-Trichloropropane	4.4	U	100	108		ug/L		108	66 - 130
1,2,4-Trimethylbenzene	98	J3	100	120	J3	ug/L		22	70 - 132
1,3,5-Trimethylbenzene	25		100	104		ug/L		80	65 - 134
Vinyl chloride	7.1	U	100	99.1		ug/L		99	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75635-B-1 MSD
Matrix: Water
Analysis Batch: 173248

Client Sample ID: Matrix Spike Duplicate
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	99	U	1000	1040		ug/L		104	62 - 142	1	30
Benzene	5.0	U	100	91.6		ug/L		92	68 - 134	0	30
Bromobenzene	5.8	U	100	99.9		ug/L		100	70 - 130	3	30
Bromoform	6.3	U	100	91.3		ug/L		91	65 - 130	4	30
Bromomethane	25	U	100	79.2		ug/L		79	22 - 150	6	30
2-Butanone (MEK)	84	U	1000	1030		ug/L		103	63 - 140	4	30
Carbon disulfide	10	U	100	75.3		ug/L		75	30 - 150	1	30
Carbon tetrachloride	4.3	U	100	91.7		ug/L		92	61 - 134	2	30
Chlorobenzene	6.3	U	100	93.7		ug/L		94	70 - 130	2	30
Chlorobromomethane	5.8	U	100	91.2		ug/L		91	70 - 130	2	30
Chlorodibromomethane	3.1	U	100	88.5		ug/L		89	70 - 130	1	30
Chloroethane	25	U	100	89.6		ug/L		90	39 - 150	2	30
Chloroform	9.0	U	100	95.7		ug/L		96	68 - 130	1	30
Chloromethane	10	U	100	96.1		ug/L		96	35 - 150	2	30
2-Chlorotoluene	6.5	U	100	97.9		ug/L		98	70 - 130	0	30
4-Chlorotoluene	5.2	U	100	97.5		ug/L		97	70 - 130	2	30
cis-1,2-Dichloroethene	6.5	U	100	95.2		ug/L		95	66 - 130	0	30
cis-1,3-Dichloropropene	3.9	U	100	94.2		ug/L		94	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	25	U	100	86.7		ug/L		87	63 - 130	9	30
Dibromomethane	4.6	U	100	90.9		ug/L		91	70 - 130	5	30
1,2-Dichlorobenzene	4.9	U	100	102		ug/L		102	70 - 130	2	30
1,3-Dichlorobenzene	6.4	U	100	96.9		ug/L		97	70 - 130	1	30
1,4-Dichlorobenzene	6.0	U	100	97.9		ug/L		98	70 - 130	0	30
Dichlorobromomethane	4.4	U	100	88.0		ug/L		88	70 - 130	2	30
Dichlorodifluoromethane	25	U	100	93.6		ug/L		94	16 - 149	4	30
1,1-Dichloroethane	5.2	U	100	91.8		ug/L		92	66 - 130	0	30
1,2-Dichloroethane	5.7	U	100	91.4		ug/L		91	70 - 130	3	30
1,1-Dichloroethene	6.7	U	100	88.5		ug/L		89	51 - 150	4	30
1,2-Dichloropropane	5.2	U	100	90.3		ug/L		90	70 - 130	0	30
1,3-Dichloropropane	4.2	U	100	96.1		ug/L		96	70 - 130	6	30
2,2-Dichloropropane	3.6	U	100	86.3		ug/L		86	66 - 134	2	30
1,1-Dichloropropene	6.5	U	100	91.2		ug/L		91	65 - 136	4	30
Ethylbenzene	5.7	I	100	98.3		ug/L		93	70 - 130	1	30
Ethylene Dibromide	5.0	U	100	101		ug/L		101	66 - 130	2	30
Hexachlorobutadiene	3.4	U	100	99.8		ug/L		100	62 - 143	2	30
2-Hexanone	44	U	1000	1050		ug/L		105	60 - 148	6	30
Isopropylbenzene	5.2	U	100	104		ug/L		104	62 - 130	3	30
4-Isopropyltoluene	6.9	U	100	99.4		ug/L		99	65 - 134	1	30
Methylene Chloride	50	U	100	118		ug/L		118	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)	40	U	1000	1010		ug/L		101	64 - 137	4	30
Methyl tert-butyl ether	4.4	U	100	95.8		ug/L		96	67 - 130	2	30
Naphthalene	25	U	100	106		ug/L		106	50 - 136	1	30
n-Butylbenzene	6.7	U	100	97.5		ug/L		97	61 - 131	1	30
N-Propylbenzene	13		100	101		ug/L		88	67 - 130	1	30
o-Xylene	33	J3	100	102		ug/L		69	69 - 130	1	30
sec-Butylbenzene	6.3	U	100	102		ug/L		102	68 - 133	0	30
Styrene	9.8	U	100	98.0		ug/L		98	68 - 131	0	30
tert-Butylbenzene	8.4	U	100	101		ug/L		101	64 - 130	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75635-B-1 MSD
Matrix: Water
Analysis Batch: 173248

Client Sample ID: Matrix Spike Duplicate
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	6.3	U	100	95.1		ug/L		95	70 - 130	2	30
1,1,2,2-Tetrachloroethane	1.7	U	100	105		ug/L		105	70 - 130	0	30
Tetrachloroethene	5.0	U	100	96.2		ug/L		96	50 - 143	4	30
Toluene	5.1	U	100	90.5		ug/L		90	70 - 131	6	30
trans-1,2-Dichloroethene	6.7	U	100	94.5		ug/L		95	62 - 139	1	30
trans-1,3-Dichloropropene	2.7	U	100	78.1		ug/L		78	67 - 130	6	30
1,2,3-Trichlorobenzene	7.7	U	100	99.9		ug/L		100	58 - 132	2	30
1,2,4-Trichlorobenzene	5.8	U	100	100		ug/L		100	66 - 130	3	30
1,1,1-Trichloroethane	4.7	U	100	91.9		ug/L		92	63 - 132	1	30
1,1,2-Trichloroethane	4.7	U	100	95.5		ug/L		96	70 - 130	6	30
Trichloroethene	6.1	U	100	93.5		ug/L		94	63 - 139	2	30
Trichlorofluoromethane	25	U	100	109		ug/L		109	62 - 146	3	30
1,2,3-Trichloropropane	4.4	U	100	107		ug/L		107	66 - 130	1	30
1,2,4-Trimethylbenzene	98	J3	100	111	J3	ug/L		13	70 - 132	8	30
1,3,5-Trimethylbenzene	25		100	103		ug/L		78	65 - 134	1	30
Vinyl chloride	7.1	U	100	97.9		ug/L		98	48 - 147	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-172739/7
Matrix: Water
Analysis Batch: 172739

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/12/16 09:28	1

Lab Sample ID: LCS 660-172739/4
Matrix: Water
Analysis Batch: 172739

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.80		ug/L		88	50 - 150

Lab Sample ID: LCSD 660-172739/5
Matrix: Water
Analysis Batch: 172739

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	8.41		ug/L		84	50 - 150	4	50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-128525-F-2 MS
Matrix: Water
Analysis Batch: 172739

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	10.1		ug/L		101	50 - 150

Lab Sample ID: 680-128525-F-2 MSD
Matrix: Water
Analysis Batch: 172739

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	9.62		ug/L		96	50 - 150	5	50

Lab Sample ID: MB 660-172814/7
Matrix: Water
Analysis Batch: 172814

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/15/16 11:24	1

Lab Sample ID: LCS 660-172814/4
Matrix: Water
Analysis Batch: 172814

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.81		ug/L		88	50 - 150

Lab Sample ID: LCSD 660-172814/5
Matrix: Water
Analysis Batch: 172814

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	9.91		ug/L		99	50 - 150	12	50

Lab Sample ID: 660-75519-B-2 MS
Matrix: Water
Analysis Batch: 172814

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	2.0		10.0	9.90		ug/L		79	50 - 150

Lab Sample ID: 660-75519-B-1 DU
Matrix: Water
Analysis Batch: 172814

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,4-Dioxane	2.4		2.38		ug/L		0.8	50

Lab Sample ID: MB 660-172857/7
Matrix: Water
Analysis Batch: 172857

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 10:09	1

Lab Sample ID: LCS 660-172857/4
Matrix: Water
Analysis Batch: 172857

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	9.40		ug/L		94	50 - 150

Lab Sample ID: LCSD 660-172857/5
Matrix: Water
Analysis Batch: 172857

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	9.10		ug/L		91	50 - 150	3	50

Lab Sample ID: 660-75524-24 MS
Matrix: Water
Analysis Batch: 172857

Client Sample ID: MW-155 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	8.98		ug/L		90	50 - 150

Lab Sample ID: 660-75524-24 MSD
Matrix: Water
Analysis Batch: 172857

Client Sample ID: MW-155 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	7.72		ug/L		77	50 - 150	15	50

Lab Sample ID: MB 660-172897/7
Matrix: Water
Analysis Batch: 172897

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/17/16 08:53	1

Lab Sample ID: LCS 660-172897/4
Matrix: Water
Analysis Batch: 172897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	10.7		ug/L		107	50 - 150

Lab Sample ID: LCSD 660-172897/5
Matrix: Water
Analysis Batch: 172897

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	10.6		ug/L		106	50 - 150	1	50

Lab Sample ID: 660-75550-F-2 MS
Matrix: Water
Analysis Batch: 172897

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	14.9		ug/L		149	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75550-F-1 DU
Matrix: Water
Analysis Batch: 172897

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,4-Dioxane	1.0	U		1.0	U	ug/L				NC	50

Lab Sample ID: MB 660-173151/7
Matrix: Water
Analysis Batch: 173151

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/24/16 10:14	1

Lab Sample ID: LCS 660-173151/4
Matrix: Water
Analysis Batch: 173151

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	8.21		ug/L		82	50 - 150		

Lab Sample ID: LCSD 660-173151/5
Matrix: Water
Analysis Batch: 173151

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	9.11		ug/L		91	50 - 150	10	50

Lab Sample ID: 660-75655-1 MS
Matrix: Water
Analysis Batch: 173151

Client Sample ID: 2400 TALLEVAST RD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	6.33		ug/L		63	50 - 150		

Lab Sample ID: 660-75655-1 MSD
Matrix: Water
Analysis Batch: 173151

Client Sample ID: 2400 TALLEVAST RD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	9.32		ug/L		93	50 - 150	38	50

Lab Sample ID: MB 660-173197/7
Matrix: Water
Analysis Batch: 173197

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/25/16 09:34	1

Lab Sample ID: LCS 660-173197/4
Matrix: Water
Analysis Batch: 173197

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	11.5		ug/L		115	50 - 150		

Lab Sample ID: LCSD 660-173197/5
Matrix: Water
Analysis Batch: 173197

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	11.9		ug/L		119	50 - 150	4	50

Lab Sample ID: 660-75655-11 MS
Matrix: Water
Analysis Batch: 173197

Client Sample ID: MW-64
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	6.6		10.0	13.2		ug/L		66	50 - 150

Lab Sample ID: 660-75655-11 MSD
Matrix: Water
Analysis Batch: 173197

Client Sample ID: MW-64
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	6.6		10.0	14.1		ug/L		75	50 - 150	7	50

Lab Sample ID: MB 660-173258/7
Matrix: Water
Analysis Batch: 173258

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/26/16 11:37	1

Lab Sample ID: LCS 660-173258/4
Matrix: Water
Analysis Batch: 173258

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane			10.0	9.38		ug/L		94	50 - 150

Lab Sample ID: LCSD 660-173258/5
Matrix: Water
Analysis Batch: 173258

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	9.43		ug/L		94	50 - 150	0	50

Lab Sample ID: 660-75664-4 MS
Matrix: Water
Analysis Batch: 173258

Client Sample ID: MW-48 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	3.3		10.0	10.4		ug/L		70	50 - 150

Lab Sample ID: 660-75664-4 MSD
Matrix: Water
Analysis Batch: 173258

Client Sample ID: MW-48 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	3.3		10.0	10.8		ug/L		74	50 - 150	4	50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75664-9 MS
Matrix: Water
Analysis Batch: 173258

Client Sample ID: MW-65 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	8.85		ug/L		89	50 - 150

Lab Sample ID: 660-75664-9 MSD
Matrix: Water
Analysis Batch: 173258

Client Sample ID: MW-65 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	6.89		ug/L		69	50 - 150	25	50

Lab Sample ID: 660-75687-B-4 MS
Matrix: Water
Analysis Batch: 173258

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	3.1		10.0	11.9		ug/L		87	50 - 150

Lab Sample ID: 660-75687-B-4 MSD
Matrix: Water
Analysis Batch: 173258

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	3.1		10.0	10.1		ug/L		70	50 - 150	16	50

Lab Sample ID: MB 660-173314/7
Matrix: Water
Analysis Batch: 173314

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/29/16 11:17	1

Lab Sample ID: LCS 660-173314/4
Matrix: Water
Analysis Batch: 173314

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	9.45		ug/L		94	50 - 150

Lab Sample ID: LCSD 660-173314/5
Matrix: Water
Analysis Batch: 173314

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	8.48		ug/L		85	50 - 150	11	50

Lab Sample ID: 660-75664-18 MS
Matrix: Water
Analysis Batch: 173314

Client Sample ID: MW-102 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	8.59		ug/L		86	50 - 150

Lab Sample ID: 660-75664-18 MSD
Matrix: Water
Analysis Batch: 173314

Client Sample ID: MW-102 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	7.06		ug/L		71	50 - 150	20	50

Lab Sample ID: MB 660-173371/7
Matrix: Water
Analysis Batch: 173371

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/30/16 09:55	1

Lab Sample ID: LCS 660-173371/4
Matrix: Water
Analysis Batch: 173371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	9.58		ug/L		96	50 - 150

Lab Sample ID: LCSD 660-173371/5
Matrix: Water
Analysis Batch: 173371

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	8.69		ug/L		87	50 - 150	10	50

Lab Sample ID: 660-75664-35 MS
Matrix: Water
Analysis Batch: 173371

Client Sample ID: MW-221
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.0	U	10.0	8.05		ug/L		80	50 - 150

Lab Sample ID: 660-75664-35 MSD
Matrix: Water
Analysis Batch: 173371

Client Sample ID: MW-221
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	8.74		ug/L		87	50 - 150	8	50

Lab Sample ID: MB 660-173422/7
Matrix: Water
Analysis Batch: 173422

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/31/16 09:46	1

Lab Sample ID: LCS 660-173422/4
Matrix: Water
Analysis Batch: 173422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.20		ug/L		82	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173422/5
Matrix: Water
Analysis Batch: 173422

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	11.4		ug/L		114	50 - 150	33	50

Lab Sample ID: 660-75747-12 MS
Matrix: Water
Analysis Batch: 173422

Client Sample ID: MW-72 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	8.19		ug/L		82	50 - 150		

Lab Sample ID: 660-75747-12 MSD
Matrix: Water
Analysis Batch: 173422

Client Sample ID: MW-72 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	8.85		ug/L		88	50 - 150	8	50

Lab Sample ID: 660-75747-15 MS
Matrix: Water
Analysis Batch: 173422

Client Sample ID: MW-80 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	2.0		10.0	9.08		ug/L		71	50 - 150		

Lab Sample ID: 660-75747-15 MSD
Matrix: Water
Analysis Batch: 173422

Client Sample ID: MW-80 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	2.0		10.0	7.61		ug/L		56	50 - 150	18	50

Lab Sample ID: MB 660-173468/7
Matrix: Water
Analysis Batch: 173468

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/01/16 09:40	1

Lab Sample ID: LCS 660-173468/4
Matrix: Water
Analysis Batch: 173468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	9.55		ug/L		95	50 - 150		

Lab Sample ID: LCSD 660-173468/5
Matrix: Water
Analysis Batch: 173468

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	8.65		ug/L		87	50 - 150	10	50

Lab Sample ID: 660-75781-17 MS
Matrix: Water
Analysis Batch: 173468

Client Sample ID: MW-128 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	2.0		10.0	8.99		ug/L		70	50 - 150

Lab Sample ID: 660-75781-17 MSD
Matrix: Water
Analysis Batch: 173468

Client Sample ID: MW-128 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	2.0		10.0	11.6		ug/L		96	50 - 150	25	50

Lab Sample ID: 660-75781-21 MS
Matrix: Water
Analysis Batch: 173468

Client Sample ID: MW-134 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	69	J3	10.0	72.3	J3	ug/L		30	50 - 150

Lab Sample ID: 660-75781-21 MSD
Matrix: Water
Analysis Batch: 173468

Client Sample ID: MW-134 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	69	J3	10.0	72.5	J3	ug/L		32	50 - 150	0	50

Lab Sample ID: MB 660-173518/7
Matrix: Water
Analysis Batch: 173518

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			09/02/16 10:17	1

Lab Sample ID: LCS 660-173518/4
Matrix: Water
Analysis Batch: 173518

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	11.1		ug/L		111	50 - 150

Lab Sample ID: LCSD 660-173518/5
Matrix: Water
Analysis Batch: 173518

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	10.3		ug/L		103	50 - 150	7	50

Lab Sample ID: 660-75781-24 MS
Matrix: Water
Analysis Batch: 173518

Client Sample ID: PZ-LSAS-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	73	J3	10.0	91.1	J3	ug/L		185	50 - 150

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75781-24 MSD
Matrix: Water
Analysis Batch: 173518

Client Sample ID: PZ-LSAS-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	73	J3	10.0	81.4		ug/L		88	50 - 150	11	50

GC/MS VOA

Analysis Batch: 172739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75488-1	7851 15TH ST E #2	Total/NA	Water	8260C SIM	
660-75488-2	MW-31	Total/NA	Water	8260C SIM	
660-75488-3	MW-59	Total/NA	Water	8260C SIM	
660-75488-4	MW-68	Total/NA	Water	8260C SIM	
660-75488-5	MW-74	Total/NA	Water	8260C SIM	
660-75488-6	MW-82	Total/NA	Water	8260C SIM	
660-75488-9	MW-119	Total/NA	Water	8260C SIM	
660-75488-10	MW-120	Total/NA	Water	8260C SIM	
660-75488-11	TRIP BLANK 75488	Total/NA	Water	8260C SIM	
MB 660-172739/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172739/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172739/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
680-128525-F-2 MS	Matrix Spike	Total/NA	Water	8260C SIM	
680-128525-F-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	

Analysis Batch: 172814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75488-7	MW-117	Total/NA	Water	8260C SIM	
660-75488-8	MW-118	Total/NA	Water	8260C SIM	
660-75524-1	MW-22	Total/NA	Water	8260C SIM	
660-75524-2	MW-23	Total/NA	Water	8260C SIM	
660-75524-3	MW-25	Total/NA	Water	8260C SIM	
660-75524-4	MW-27	Total/NA	Water	8260C SIM	
660-75524-5	MW-34	Total/NA	Water	8260C SIM	
660-75524-6	MW-35	Total/NA	Water	8260C SIM	
660-75524-7	MW-54	Total/NA	Water	8260C SIM	
660-75524-8	MW-73	Total/NA	Water	8260C SIM	
660-75524-9	MW-75	Total/NA	Water	8260C SIM	
660-75524-10	MW-83	Total/NA	Water	8260C SIM	
660-75524-11	MW-85	Total/NA	Water	8260C SIM	
660-75524-12	MW-87	Total/NA	Water	8260C SIM	
660-75524-13	MW-94	Total/NA	Water	8260C SIM	
660-75524-14	MW-95	Total/NA	Water	8260C SIM	
660-75524-15	MW-98	Total/NA	Water	8260C SIM	
MB 660-172814/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172814/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172814/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75519-B-2 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-75519-B-1 DU	Duplicate	Total/NA	Water	8260C SIM	

Analysis Batch: 172857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75524-16	MW-100	Total/NA	Water	8260C SIM	
660-75524-17	MW-104	Total/NA	Water	8260C SIM	
660-75524-18	MW-105	Total/NA	Water	8260C SIM	
660-75524-19	MW-107	Total/NA	Water	8260C SIM	
660-75524-20	MW-114	Total/NA	Water	8260C SIM	
660-75524-21	MW-115	Total/NA	Water	8260C SIM	
660-75524-22	MW-151	Total/NA	Water	8260C SIM	
660-75524-23	MW-152	Total/NA	Water	8260C SIM	
660-75524-24	MW-155	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 172857 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75524-25	MW-155 (DUP)	Total/NA	Water	8260C SIM	
660-75524-26	MW-156	Total/NA	Water	8260C SIM	
660-75524-27	MW-158	Total/NA	Water	8260C SIM	
660-75524-28	MW-160	Total/NA	Water	8260C SIM	
660-75524-29	MW-175	Total/NA	Water	8260C SIM	
660-75524-30	MW-176	Total/NA	Water	8260C SIM	
660-75524-31	MW-200	Total/NA	Water	8260C SIM	
660-75524-32	MW-230	Total/NA	Water	8260C SIM	
660-75524-33	MW-231	Total/NA	Water	8260C SIM	
660-75524-34	MW-248	Total/NA	Water	8260C SIM	
660-75524-35	BLANK -35 75524	Total/NA	Water	8260C SIM	
MB 660-172857/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172857/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172857/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75524-24 MS	MW-155 MS	Total/NA	Water	8260C SIM	
660-75524-24 MSD	MW-155 MSD	Total/NA	Water	8260C SIM	

Analysis Batch: 172897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75524-36	Trip Blank 75524	Total/NA	Water	8260C SIM	
MB 660-172897/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-172897/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-172897/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75550-F-2 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-75550-F-1 DU	Duplicate	Total/NA	Water	8260C SIM	

Analysis Batch: 172907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75488-1	7851 15TH ST E #2	Total/NA	Water	8260B	
660-75488-2	MW-31	Total/NA	Water	8260B	
660-75488-3	MW-59	Total/NA	Water	8260B	
660-75488-4	MW-68	Total/NA	Water	8260B	
660-75488-5	MW-74	Total/NA	Water	8260B	
660-75488-6	MW-82	Total/NA	Water	8260B	
660-75488-7	MW-117	Total/NA	Water	8260B	
660-75488-8	MW-118	Total/NA	Water	8260B	
660-75488-9	MW-119	Total/NA	Water	8260B	
660-75488-10	MW-120	Total/NA	Water	8260B	
660-75488-11	TRIP BLANK 75488	Total/NA	Water	8260B	
MB 660-172907/16	Method Blank	Total/NA	Water	8260B	
LCS 660-172907/13	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172907/14	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75488-2 MS	MW-31	Total/NA	Water	8260B	
660-75488-1 DU	7851 15TH ST E #2	Total/NA	Water	8260B	

Analysis Batch: 172941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75524-21	MW-115	Total/NA	Water	8260B	
660-75524-22	MW-151	Total/NA	Water	8260B	
660-75524-23	MW-152	Total/NA	Water	8260B	
660-75524-24	MW-155	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 172941 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75524-25	MW-155 (DUP)	Total/NA	Water	8260B	
660-75524-26	MW-156	Total/NA	Water	8260B	
660-75524-27	MW-158	Total/NA	Water	8260B	
660-75524-28	MW-160	Total/NA	Water	8260B	
660-75524-29	MW-175	Total/NA	Water	8260B	
660-75524-30	MW-176	Total/NA	Water	8260B	
660-75524-31	MW-200	Total/NA	Water	8260B	
660-75524-32	MW-230	Total/NA	Water	8260B	
660-75524-33	MW-231	Total/NA	Water	8260B	
660-75524-34	MW-248	Total/NA	Water	8260B	
660-75524-35	BLANK -35 75524	Total/NA	Water	8260B	
660-75524-36	Trip Blank 75524	Total/NA	Water	8260B	
MB 660-172941/10	Method Blank	Total/NA	Water	8260B	
LCS 660-172941/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172941/8	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75524-24 MS	MW-155 MS	Total/NA	Water	8260B	
660-75524-24 MSD	MW-155 MSD	Total/NA	Water	8260B	

Analysis Batch: 172942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75524-1	MW-22	Total/NA	Water	8260B	
660-75524-2	MW-23	Total/NA	Water	8260B	
660-75524-3	MW-25	Total/NA	Water	8260B	
660-75524-4	MW-27	Total/NA	Water	8260B	
660-75524-5	MW-34	Total/NA	Water	8260B	
660-75524-6	MW-35	Total/NA	Water	8260B	
660-75524-7	MW-54	Total/NA	Water	8260B	
660-75524-8	MW-73	Total/NA	Water	8260B	
660-75524-9	MW-75	Total/NA	Water	8260B	
660-75524-10	MW-83	Total/NA	Water	8260B	
660-75524-11	MW-85	Total/NA	Water	8260B	
660-75524-12	MW-87	Total/NA	Water	8260B	
660-75524-13	MW-94	Total/NA	Water	8260B	
660-75524-14	MW-95	Total/NA	Water	8260B	
660-75524-15	MW-98	Total/NA	Water	8260B	
660-75524-16	MW-100	Total/NA	Water	8260B	
660-75524-17	MW-104	Total/NA	Water	8260B	
660-75524-18	MW-105	Total/NA	Water	8260B	
660-75524-19	MW-107	Total/NA	Water	8260B	
660-75524-20	MW-114	Total/NA	Water	8260B	
MB 660-172942/7	Method Blank	Total/NA	Water	8260B	
LCS 660-172942/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-172942/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75524-3 MS	MW-25	Total/NA	Water	8260B	
660-75524-2 DU	MW-23	Total/NA	Water	8260B	

Analysis Batch: 173151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75655-1	2400 TALLEVAST RD	Total/NA	Water	8260C SIM	
660-75655-2	7561/7571 15TH ST E	Total/NA	Water	8260C SIM	
660-75655-3	MW-15D	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 173151 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75655-4	MW-16D	Total/NA	Water	8260C SIM	
MB 660-173151/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-173151/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-173151/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75655-1 MS	2400 TALLEVAST RD	Total/NA	Water	8260C SIM	
660-75655-1 MSD	2400 TALLEVAST RD	Total/NA	Water	8260C SIM	

Analysis Batch: 173197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75655-5	MW-26	Total/NA	Water	8260C SIM	
660-75655-6	MW-28	Total/NA	Water	8260C SIM	
660-75655-7	MW-29	Total/NA	Water	8260C SIM	
660-75655-8	MW-50	Total/NA	Water	8260C SIM	
660-75655-9	MW-52	Total/NA	Water	8260C SIM	
660-75655-10	MW-53	Total/NA	Water	8260C SIM	
660-75655-11	MW-64	Total/NA	Water	8260C SIM	
660-75655-12	MW-77	Total/NA	Water	8260C SIM	
660-75655-13	MW-93	Total/NA	Water	8260C SIM	
660-75655-14	MW-111	Total/NA	Water	8260C SIM	
660-75655-15	MW-113	Total/NA	Water	8260C SIM	
660-75655-16	MW-135	Total/NA	Water	8260C SIM	
660-75655-17	MW-141	Total/NA	Water	8260C SIM	
660-75655-18	MW-143	Total/NA	Water	8260C SIM	
660-75655-19	MW-146	Total/NA	Water	8260C SIM	
660-75655-20	MW-148	Total/NA	Water	8260C SIM	
660-75655-21	MW-185R	Total/NA	Water	8260C SIM	
660-75655-22	MW-215	Total/NA	Water	8260C SIM	
660-75655-23	MW-249	Total/NA	Water	8260C SIM	
660-75655-24	MW-250	Total/NA	Water	8260C SIM	
MB 660-173197/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-173197/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-173197/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75655-11 MS	MW-64	Total/NA	Water	8260C SIM	
660-75655-11 MSD	MW-64	Total/NA	Water	8260C SIM	

Analysis Batch: 173248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75655-9	MW-52	Total/NA	Water	8260B	
660-75655-10	MW-53	Total/NA	Water	8260B	
660-75655-11	MW-64	Total/NA	Water	8260B	
660-75655-12	MW-77	Total/NA	Water	8260B	
660-75655-13	MW-93	Total/NA	Water	8260B	
660-75655-14	MW-111	Total/NA	Water	8260B	
660-75655-15	MW-113	Total/NA	Water	8260B	
660-75655-16	MW-135	Total/NA	Water	8260B	
660-75655-17	MW-141	Total/NA	Water	8260B	
660-75655-18	MW-143	Total/NA	Water	8260B	
660-75655-19	MW-146	Total/NA	Water	8260B	
660-75655-20	MW-148	Total/NA	Water	8260B	
660-75655-21	MW-185R	Total/NA	Water	8260B	
660-75655-22	MW-215	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 173248 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75655-23	MW-249	Total/NA	Water	8260B	
660-75655-24	MW-250	Total/NA	Water	8260B	
660-75655-25	MW-255	Total/NA	Water	8260B	
660-75655-26	Trip Blank 75655	Total/NA	Water	8260B	
MB 660-173248/7	Method Blank	Total/NA	Water	8260B	
LCS 660-173248/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-173248/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75635-B-1 MS	Matrix Spike	TCLP	Water	8260B	
660-75635-B-1 MSD	Matrix Spike Duplicate	TCLP	Water	8260B	

Analysis Batch: 173251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75655-1	2400 TALLEVAST RD	Total/NA	Water	8260B	
660-75655-2	7561/7571 15TH ST E	Total/NA	Water	8260B	
660-75655-3	MW-15D	Total/NA	Water	8260B	
660-75655-5	MW-26	Total/NA	Water	8260B	
660-75655-6	MW-28	Total/NA	Water	8260B	
660-75655-7	MW-29	Total/NA	Water	8260B	
660-75655-8	MW-50	Total/NA	Water	8260B	
MB 660-173251/7	Method Blank	Total/NA	Water	8260B	
LCS 660-173251/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-173251/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75655-1 MS	2400 TALLEVAST RD	Total/NA	Water	8260B	
660-75714-C-1 DU ^T	Duplicate	Total/NA	Water	8260B	

Analysis Batch: 173258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75655-25	MW-255	Total/NA	Water	8260C SIM	
660-75655-26	Trip Blank 75655	Total/NA	Water	8260C SIM	
660-75664-1	MW-17D	Total/NA	Water	8260C SIM	
660-75664-2	MW-24	Total/NA	Water	8260C SIM	
660-75664-3	MW-47	Total/NA	Water	8260C SIM	
660-75664-4	MW-48	Total/NA	Water	8260C SIM	
660-75664-5	MW-48 (DUP)	Total/NA	Water	8260C SIM	
660-75664-6	MW-49	Total/NA	Water	8260C SIM	
660-75664-7	MW-55	Total/NA	Water	8260C SIM	
660-75664-8	MW-63	Total/NA	Water	8260C SIM	
660-75664-9	MW-65	Total/NA	Water	8260C SIM	
660-75664-10	MW-65 (DUP)	Total/NA	Water	8260C SIM	
660-75664-11	MW-69	Total/NA	Water	8260C SIM	
660-75664-12	MW-79	Total/NA	Water	8260C SIM	
660-75664-13	MW-89	Total/NA	Water	8260C SIM	
660-75664-14	MW-90	Total/NA	Water	8260C SIM	
MB 660-173258/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-173258/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-173258/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75664-4 MS	MW-48 MS	Total/NA	Water	8260C SIM	
660-75664-4 MSD	MW-48 MSD	Total/NA	Water	8260C SIM	
660-75664-9 MS	MW-65 MS	Total/NA	Water	8260C SIM	
660-75664-9 MSD	MW-65 MSD	Total/NA	Water	8260C SIM	
660-75687-B-4 MS	Matrix Spike	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 173258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75687-B-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	

Analysis Batch: 173308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75655-4	MW-16D	Total/NA	Water	8260B	
660-75664-1	MW-17D	Total/NA	Water	8260B	
660-75664-2	MW-24	Total/NA	Water	8260B	
660-75664-3	MW-47	Total/NA	Water	8260B	
660-75664-4	MW-48	Total/NA	Water	8260B	
660-75664-5	MW-48 (DUP)	Total/NA	Water	8260B	
660-75664-6	MW-49	Total/NA	Water	8260B	
660-75664-7	MW-55	Total/NA	Water	8260B	
660-75664-8	MW-63	Total/NA	Water	8260B	
660-75664-9	MW-65	Total/NA	Water	8260B	
MB 660-173308/7	Method Blank	Total/NA	Water	8260B	
LCS 660-173308/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-173308/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75647-A-3 MS	Matrix Spike	Total/NA	Water	8260B	
660-75664-4 MS	MW-48 MS	Total/NA	Water	8260B	
660-75664-4 MSD	MW-48 MSD	Total/NA	Water	8260B	
660-75664-9 MS	MW-65 MS	Total/NA	Water	8260B	
660-75664-9 MSD	MW-65 MSD	Total/NA	Water	8260B	
660-75647-A-1 DU	Duplicate	Total/NA	Water	8260B	

Analysis Batch: 173314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75664-15	MW-91	Total/NA	Water	8260C SIM	
660-75664-16	MW-92	Total/NA	Water	8260C SIM	
660-75664-18	MW-102	Total/NA	Water	8260C SIM	
660-75664-19	MW-102 (DUP)	Total/NA	Water	8260C SIM	
660-75664-20	MW-103	Total/NA	Water	8260C SIM	
660-75664-21	MW-106	Total/NA	Water	8260C SIM	
660-75664-22	MW-108	Total/NA	Water	8260C SIM	
660-75664-23	MW-109	Total/NA	Water	8260C SIM	
660-75664-24	MW-116	Total/NA	Water	8260C SIM	
660-75664-25	MW-124	Total/NA	Water	8260C SIM	
660-75664-26	MW-126	Total/NA	Water	8260C SIM	
660-75664-27	MW-131	Total/NA	Water	8260C SIM	
660-75664-28	MW-132	Total/NA	Water	8260C SIM	
660-75664-29	MW-133	Total/NA	Water	8260C SIM	
660-75664-30	MW-168	Total/NA	Water	8260C SIM	
660-75664-31	MW-169	Total/NA	Water	8260C SIM	
660-75664-32	MW-178	Total/NA	Water	8260C SIM	
660-75664-33	MW-219	Total/NA	Water	8260C SIM	
660-75664-34	MW-220	Total/NA	Water	8260C SIM	
MB 660-173314/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-173314/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-173314/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75664-18 MS	MW-102 MS	Total/NA	Water	8260C SIM	
660-75664-18 MSD	MW-102 MSD	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 173367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75664-10	MW-65 (DUP)	Total/NA	Water	8260B	
660-75664-11	MW-69	Total/NA	Water	8260B	
660-75664-12	MW-79	Total/NA	Water	8260B	
660-75664-13	MW-89	Total/NA	Water	8260B	
660-75664-14	MW-90	Total/NA	Water	8260B	
660-75664-15	MW-91	Total/NA	Water	8260B	
660-75664-16	MW-92	Total/NA	Water	8260B	
660-75664-17	MW-101	Total/NA	Water	8260B	
660-75664-18	MW-102	Total/NA	Water	8260B	
660-75664-19	MW-102 (DUP)	Total/NA	Water	8260B	
660-75664-20	MW-103	Total/NA	Water	8260B	
660-75664-21	MW-106	Total/NA	Water	8260B	
660-75664-22	MW-108	Total/NA	Water	8260B	
660-75664-23	MW-109	Total/NA	Water	8260B	
660-75664-24	MW-116	Total/NA	Water	8260B	
660-75664-25	MW-124	Total/NA	Water	8260B	
660-75664-26	MW-126	Total/NA	Water	8260B	
660-75664-27	MW-131	Total/NA	Water	8260B	
660-75664-28	MW-132	Total/NA	Water	8260B	
660-75664-29	MW-133	Total/NA	Water	8260B	
MB 660-173367/7	Method Blank	Total/NA	Water	8260B	
LCS 660-173367/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-173367/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75664-18 MS	MW-102 MS	Total/NA	Water	8260B	
660-75664-18 MSD	MW-102 MSD	Total/NA	Water	8260B	

Analysis Batch: 173371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75664-17	MW-101	Total/NA	Water	8260C SIM	
660-75664-35	MW-221	Total/NA	Water	8260C SIM	
660-75664-36	MW-232	Total/NA	Water	8260C SIM	
660-75664-37	MW-239	Total/NA	Water	8260C SIM	
660-75664-38	MW-242	Total/NA	Water	8260C SIM	
660-75664-39	MW-243	Total/NA	Water	8260C SIM	
660-75664-40	BLANK -36	Total/NA	Water	8260C SIM	
660-75664-41	BLANK -37	Total/NA	Water	8260C SIM	
660-75664-42	BLANK -38	Total/NA	Water	8260C SIM	
660-75664-43	TRIP BLANK 75664	Total/NA	Water	8260C SIM	
660-75747-2	IWI-2	Total/NA	Water	8260C SIM	
660-75747-3	MW-13D	Total/NA	Water	8260C SIM	
660-75747-4	MW-21	Total/NA	Water	8260C SIM	
660-75747-5	MW-37	Total/NA	Water	8260C SIM	
660-75747-6	MW-39	Total/NA	Water	8260C SIM	
660-75747-7	MW-42	Total/NA	Water	8260C SIM	
660-75747-8	MW-43	Total/NA	Water	8260C SIM	
660-75747-9	MW-44	Total/NA	Water	8260C SIM	
660-75747-10	MW-45	Total/NA	Water	8260C SIM	
MB 660-173371/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-173371/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-173371/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75664-35 MS	MW-221	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 173371 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75664-35 MSD	MW-221	Total/NA	Water	8260C SIM	

Analysis Batch: 173372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75664-30	MW-168	Total/NA	Water	8260B	
660-75664-31	MW-169	Total/NA	Water	8260B	
660-75664-32	MW-178	Total/NA	Water	8260B	
660-75664-33	MW-219	Total/NA	Water	8260B	
660-75664-34	MW-220	Total/NA	Water	8260B	
660-75664-35	MW-221	Total/NA	Water	8260B	
660-75664-36	MW-232	Total/NA	Water	8260B	
660-75664-37	MW-239	Total/NA	Water	8260B	
660-75664-38	MW-242	Total/NA	Water	8260B	
660-75664-39	MW-243	Total/NA	Water	8260B	
660-75664-40	BLANK -36	Total/NA	Water	8260B	
660-75664-41	BLANK -37	Total/NA	Water	8260B	
660-75664-42	BLANK -38	Total/NA	Water	8260B	
660-75664-43	TRIP BLANK 75664	Total/NA	Water	8260B	
MB 660-173372/7	Method Blank	Total/NA	Water	8260B	
LCS 660-173372/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-173372/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75664-31 MS	MW-169	Total/NA	Water	8260B	
660-75664-30 DU	MW-168	Total/NA	Water	8260B	

Analysis Batch: 173417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75747-1 - DL	IWI-1	Total/NA	Water	8260B	
660-75747-1	IWI-1	Total/NA	Water	8260B	
660-75747-2	IWI-2	Total/NA	Water	8260B	
660-75747-3	MW-13D	Total/NA	Water	8260B	
660-75747-4	MW-21	Total/NA	Water	8260B	
660-75747-5	MW-37	Total/NA	Water	8260B	
660-75747-6 - DL	MW-39	Total/NA	Water	8260B	
660-75747-6	MW-39	Total/NA	Water	8260B	
660-75747-7	MW-42	Total/NA	Water	8260B	
660-75747-8	MW-43	Total/NA	Water	8260B	
660-75747-9	MW-44	Total/NA	Water	8260B	
660-75747-10	MW-45	Total/NA	Water	8260B	
660-75747-11	MW-62	Total/NA	Water	8260B	
660-75747-12	MW-72	Total/NA	Water	8260B	
660-75747-13	MW-72 (DUP)	Total/NA	Water	8260B	
660-75747-14	MW-76	Total/NA	Water	8260B	
660-75747-15	MW-80	Total/NA	Water	8260B	
660-75747-16	MW-80 (DUP)	Total/NA	Water	8260B	
660-75747-17	MW-84	Total/NA	Water	8260B	
MB 660-173417/7	Method Blank	Total/NA	Water	8260B	
LCS 660-173417/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-173417/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75747-12 MS	MW-72 MS	Total/NA	Water	8260B	
660-75747-12 MSD	MW-72 MSD	Total/NA	Water	8260B	
660-75747-15 MS	MW-80 MS	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 173417 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75747-15 MSD	MW-80 MSD	Total/NA	Water	8260B	

Analysis Batch: 173422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75747-11	MW-62	Total/NA	Water	8260C SIM	
660-75747-12	MW-72	Total/NA	Water	8260C SIM	
660-75747-13	MW-72 (DUP)	Total/NA	Water	8260C SIM	
660-75747-14	MW-76	Total/NA	Water	8260C SIM	
660-75747-15	MW-80	Total/NA	Water	8260C SIM	
660-75747-16	MW-80 (DUP)	Total/NA	Water	8260C SIM	
660-75747-17	MW-84	Total/NA	Water	8260C SIM	
660-75747-18	MW-162	Total/NA	Water	8260C SIM	
660-75747-19	MW-164	Total/NA	Water	8260C SIM	
660-75747-20	MW-233	Total/NA	Water	8260C SIM	
660-75747-21	MW-253	Total/NA	Water	8260C SIM	
660-75747-22	BLANK -39	Total/NA	Water	8260C SIM	
660-75747-23	BLANK -40	Total/NA	Water	8260C SIM	
660-75747-24	Trip Blank 75747	Total/NA	Water	8260C SIM	
660-75781-3	MW-9D	Total/NA	Water	8260C SIM	
660-75781-4	MW-30	Total/NA	Water	8260C SIM	
MB 660-173422/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-173422/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-173422/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75747-12 MS	MW-72 MS	Total/NA	Water	8260C SIM	
660-75747-12 MSD	MW-72 MSD	Total/NA	Water	8260C SIM	
660-75747-15 MS	MW-80 MS	Total/NA	Water	8260C SIM	
660-75747-15 MSD	MW-80 MSD	Total/NA	Water	8260C SIM	

Analysis Batch: 173465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75781-1 - DL	EW-UAFG-1	Total/NA	Water	8260B	
660-75781-1	EW-UAFG-1	Total/NA	Water	8260B	
660-75781-2	MW-8D	Total/NA	Water	8260B	
660-75781-3	MW-9D	Total/NA	Water	8260B	
660-75781-4	MW-30	Total/NA	Water	8260B	
660-75781-5	MW-33	Total/NA	Water	8260B	
660-75781-6 - DL	MW-41	Total/NA	Water	8260B	
660-75781-6	MW-41	Total/NA	Water	8260B	
660-75781-7	MW-57	Total/NA	Water	8260B	
660-75781-8	MW-58	Total/NA	Water	8260B	
660-75781-9	MW-67	Total/NA	Water	8260B	
MB 660-173465/7	Method Blank	Total/NA	Water	8260B	
LCS 660-173465/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-173465/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75761-D-6 MS	Matrix Spike	Total/NA	Water	8260B	
660-75761-D-1 DU	Duplicate	Total/NA	Water	8260B	

Analysis Batch: 173466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75747-18	MW-162	Total/NA	Water	8260B	
660-75747-19	MW-164	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 173466 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75747-20	MW-233	Total/NA	Water	8260B	
660-75747-21	MW-253	Total/NA	Water	8260B	
660-75747-22	BLANK -39	Total/NA	Water	8260B	
660-75747-23	BLANK -40	Total/NA	Water	8260B	
660-75747-24	Trip Blank 75747	Total/NA	Water	8260B	
660-75781-13	MW-81	Total/NA	Water	8260B	
660-75781-15	MW-110R	Total/NA	Water	8260B	
660-75781-16 - DL	MW-127	Total/NA	Water	8260B	
660-75781-16	MW-127	Total/NA	Water	8260B	
660-75781-17	MW-128	Total/NA	Water	8260B	
660-75781-18	MW-128 (DUP)	Total/NA	Water	8260B	
MB 660-173466/7	Method Blank	Total/NA	Water	8260B	
LCS 660-173466/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-173466/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75747-21 MS	MW-253	Total/NA	Water	8260B	
660-75781-17 MS	MW-128 MS	Total/NA	Water	8260B	
660-75781-17 MSD	MW-128 MSD	Total/NA	Water	8260B	
660-75793-D-1 DU	Duplicate	Total/NA	Water	8260B	

Analysis Batch: 173468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75747-1	IWI-1	Total/NA	Water	8260C SIM	
660-75781-5	MW-33	Total/NA	Water	8260C SIM	
660-75781-7	MW-57	Total/NA	Water	8260C SIM	
660-75781-8	MW-58	Total/NA	Water	8260C SIM	
660-75781-9	MW-67	Total/NA	Water	8260C SIM	
660-75781-10	MW-70	Total/NA	Water	8260C SIM	
660-75781-11	MW-71	Total/NA	Water	8260C SIM	
660-75781-12	MW-78	Total/NA	Water	8260C SIM	
660-75781-14	MW-86R	Total/NA	Water	8260C SIM	
660-75781-15	MW-110R	Total/NA	Water	8260C SIM	
660-75781-16	MW-127	Total/NA	Water	8260C SIM	
660-75781-17	MW-128	Total/NA	Water	8260C SIM	
660-75781-18	MW-128 (DUP)	Total/NA	Water	8260C SIM	
660-75781-19	MW-129	Total/NA	Water	8260C SIM	
660-75781-20	MW-130	Total/NA	Water	8260C SIM	
660-75781-21	MW-134	Total/NA	Water	8260C SIM	
660-75781-22	MW-134 (DUP)	Total/NA	Water	8260C SIM	
660-75781-23	MW-252	Total/NA	Water	8260C SIM	
MB 660-173468/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-173468/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-173468/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75781-17 MS	MW-128 MS	Total/NA	Water	8260C SIM	
660-75781-17 MSD	MW-128 MSD	Total/NA	Water	8260C SIM	
660-75781-21 MS	MW-134 MS	Total/NA	Water	8260C SIM	
660-75781-21 MSD	MW-134 MSD	Total/NA	Water	8260C SIM	

Analysis Batch: 173515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75781-10	MW-70	Total/NA	Water	8260B	
660-75781-11	MW-71	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 173515 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75781-12	MW-78	Total/NA	Water	8260B	
660-75781-14	MW-86R	Total/NA	Water	8260B	
660-75814-1	MW-11R	Total/NA	Water	8260B	
660-75814-2	MW-19	Total/NA	Water	8260B	
660-75814-3	MW-32	Total/NA	Water	8260B	
660-75814-4	MW-36	Total/NA	Water	8260B	
660-75814-5	MW-38	Total/NA	Water	8260B	
660-75814-6	MW-40	Total/NA	Water	8260B	
660-75814-7 - DL	MW-254	Total/NA	Water	8260B	
660-75814-7	MW-254	Total/NA	Water	8260B	
MB 660-173515/8	Method Blank	Total/NA	Water	8260B	
LCS 660-173515/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-173515/6	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75814-2 MS	MW-19	Total/NA	Water	8260B	
660-75814-1 DU	MW-11R	Total/NA	Water	8260B	

Analysis Batch: 173516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75747-5 - DL	MW-37	Total/NA	Water	8260B	
660-75781-19	MW-129	Total/NA	Water	8260B	
660-75781-20	MW-130	Total/NA	Water	8260B	
660-75781-21	MW-134	Total/NA	Water	8260B	
660-75781-22	MW-134 (DUP)	Total/NA	Water	8260B	
660-75781-23	MW-252	Total/NA	Water	8260B	
660-75781-24 - DL	PZ-LSAS-1	Total/NA	Water	8260B	
660-75781-24	PZ-LSAS-1	Total/NA	Water	8260B	
660-75781-25 - DL	PZ-LSAS-2	Total/NA	Water	8260B	
660-75781-25	PZ-LSAS-2	Total/NA	Water	8260B	
660-75781-26 - DL	PZ-LSAS-4	Total/NA	Water	8260B	
660-75781-26	PZ-LSAS-4	Total/NA	Water	8260B	
660-75781-27 - DL	PZ-LSAS-5	Total/NA	Water	8260B	
660-75781-27	PZ-LSAS-5	Total/NA	Water	8260B	
660-75781-28 - DL	PZ-LSAS-6	Total/NA	Water	8260B	
660-75781-28	PZ-LSAS-6	Total/NA	Water	8260B	
660-75781-29	PZ-LSAS-7	Total/NA	Water	8260B	
660-75781-30	BLANK-42	Total/NA	Water	8260B	
660-75781-31	BLANK-43	Total/NA	Water	8260B	
660-75781-32	Trip Blank	Total/NA	Water	8260B	
MB 660-173516/7	Method Blank	Total/NA	Water	8260B	
LCS 660-173516/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-173516/5	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75781-21 MS	MW-134 MS	Total/NA	Water	8260B	
660-75781-21 MSD	MW-134 MSD	Total/NA	Water	8260B	

Analysis Batch: 173518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75781-1	EW-UAFG-1	Total/NA	Water	8260C SIM	
660-75781-2	MW-8D	Total/NA	Water	8260C SIM	
660-75781-6	MW-41	Total/NA	Water	8260C SIM	
660-75781-13	MW-81	Total/NA	Water	8260C SIM	
660-75781-24	PZ-LSAS-1	Total/NA	Water	8260C SIM	

GC/MS VOA (Continued)

Analysis Batch: 173518 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75781-25	PZ-LSAS-2	Total/NA	Water	8260C SIM	
660-75781-26	PZ-LSAS-4	Total/NA	Water	8260C SIM	
660-75781-27	PZ-LSAS-5	Total/NA	Water	8260C SIM	
660-75781-28	PZ-LSAS-6	Total/NA	Water	8260C SIM	
660-75781-29	PZ-LSAS-7	Total/NA	Water	8260C SIM	
660-75781-30	BLANK-42	Total/NA	Water	8260C SIM	
660-75781-31	BLANK-43	Total/NA	Water	8260C SIM	
660-75781-32	Trip Blank	Total/NA	Water	8260C SIM	
660-75814-1	MW-11R	Total/NA	Water	8260C SIM	
660-75814-2	MW-19	Total/NA	Water	8260C SIM	
660-75814-3	MW-32	Total/NA	Water	8260C SIM	
660-75814-4	MW-36	Total/NA	Water	8260C SIM	
660-75814-5	MW-38	Total/NA	Water	8260C SIM	
660-75814-6	MW-40	Total/NA	Water	8260C SIM	
660-75814-7	MW-254	Total/NA	Water	8260C SIM	
MB 660-173518/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-173518/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-173518/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75781-24 MS	PZ-LSAS-1	Total/NA	Water	8260C SIM	
660-75781-24 MSD	PZ-LSAS-1	Total/NA	Water	8260C SIM	

Analysis Batch: 173554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75747-21 - DL	MW-253	Total/NA	Water	8260B	
MB 660-173554/6	Method Blank	Total/NA	Water	8260B	
LCS 660-173554/4	Lab Control Sample	Total/NA	Water	8260B	
660-75884-F-2 MS	Matrix Spike	Total/NA	Water	8260B	
660-75884-F-1 DU	Duplicate	Total/NA	Water	8260B	

Client Sample ID: 7851 15TH ST E #2

Lab Sample ID: 660-75488-1

Date Collected: 08/09/16 07:26

Matrix: Water

Date Received: 08/10/16 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172907	08/17/16 13:13	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172739	08/12/16 14:47	ECC	TAL TAM

Client Sample ID: MW-31

Lab Sample ID: 660-75488-2

Date Collected: 08/09/16 13:16

Matrix: Water

Date Received: 08/10/16 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172907	08/17/16 13:50	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172739	08/12/16 15:06	ECC	TAL TAM

Client Sample ID: MW-59

Lab Sample ID: 660-75488-3

Date Collected: 08/09/16 10:51

Matrix: Water

Date Received: 08/10/16 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172907	08/17/16 14:45	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172739	08/12/16 15:24	ECC	TAL TAM

Client Sample ID: MW-68

Lab Sample ID: 660-75488-4

Date Collected: 08/09/16 11:17

Matrix: Water

Date Received: 08/10/16 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172907	08/17/16 15:04	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172739	08/12/16 15:43	ECC	TAL TAM

Client Sample ID: MW-74

Lab Sample ID: 660-75488-5

Date Collected: 08/09/16 10:56

Matrix: Water

Date Received: 08/10/16 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172907	08/17/16 15:22	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172739	08/12/16 16:02	ECC	TAL TAM

Client Sample ID: MW-82

Lab Sample ID: 660-75488-6

Date Collected: 08/09/16 11:27

Matrix: Water

Date Received: 08/10/16 13:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172907	08/17/16 15:41	K1P	TAL TAM

Client Sample ID: MW-82
Date Collected: 08/09/16 11:27
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		5	5 mL	5 mL	172739	08/12/16 19:20	ECC	TAL TAM

Client Sample ID: MW-117
Date Collected: 08/09/16 10:09
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172907	08/17/16 15:59	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 13:18	ECC	TAL TAM

Client Sample ID: MW-118
Date Collected: 08/09/16 10:04
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172907	08/17/16 16:18	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 13:36	ECC	TAL TAM

Client Sample ID: MW-119
Date Collected: 08/09/16 09:33
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172907	08/17/16 16:36	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172739	08/12/16 18:19	ECC	TAL TAM

Client Sample ID: MW-120
Date Collected: 08/09/16 09:37
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172907	08/17/16 16:55	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172739	08/12/16 18:37	ECC	TAL TAM

Client Sample ID: TRIP BLANK 75488
Date Collected: 08/09/16 00:00
Date Received: 08/10/16 13:15

Lab Sample ID: 660-75488-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172907	08/17/16 17:13	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172739	08/12/16 14:29	ECC	TAL TAM

Client Sample ID: MW-22
Date Collected: 08/11/16 12:10
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 09:16	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 14:13	ECC	TAL TAM

Client Sample ID: MW-23
Date Collected: 08/11/16 09:28
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 09:35	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 14:31	ECC	TAL TAM

Client Sample ID: MW-25
Date Collected: 08/11/16 15:17
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 09:54	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 14:50	ECC	TAL TAM

Client Sample ID: MW-27
Date Collected: 08/10/16 10:05
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 10:13	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 15:09	ECC	TAL TAM

Client Sample ID: MW-34
Date Collected: 08/10/16 07:17
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 10:32	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 15:28	ECC	TAL TAM

Client Sample ID: MW-35
Date Collected: 08/11/16 07:00
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 10:51	K1P	TAL TAM

Client Sample ID: MW-35
Date Collected: 08/11/16 07:00
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 15:46	ECC	TAL TAM

Client Sample ID: MW-54
Date Collected: 08/10/16 10:40
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 11:09	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 16:05	ECC	TAL TAM

Client Sample ID: MW-73
Date Collected: 08/10/16 14:30
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 11:28	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 16:24	ECC	TAL TAM

Client Sample ID: MW-75
Date Collected: 08/11/16 07:22
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 11:47	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 16:44	ECC	TAL TAM

Client Sample ID: MW-83
Date Collected: 08/11/16 13:05
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 12:06	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 17:02	ECC	TAL TAM

Client Sample ID: MW-85
Date Collected: 08/11/16 14:49
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 12:25	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 17:20	ECC	TAL TAM

Client Sample ID: MW-87
Date Collected: 08/11/16 06:57
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 12:44	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 17:42	ECC	TAL TAM

Client Sample ID: MW-94
Date Collected: 08/11/16 09:40
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 13:59	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 18:02	ECC	TAL TAM

Client Sample ID: MW-95
Date Collected: 08/11/16 10:25
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 14:18	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 18:21	ECC	TAL TAM

Client Sample ID: MW-98
Date Collected: 08/10/16 15:05
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 14:38	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172814	08/15/16 18:39	ECC	TAL TAM

Client Sample ID: MW-100
Date Collected: 08/10/16 12:50
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 14:56	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 10:33	ECC	TAL TAM

Client Sample ID: MW-104
Date Collected: 08/10/16 08:47
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 15:15	K1P	TAL TAM

Client Sample ID: MW-104
Date Collected: 08/10/16 08:47
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 10:51	ECC	TAL TAM

Client Sample ID: MW-105
Date Collected: 08/10/16 13:35
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 15:34	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 11:16	ECC	TAL TAM

Client Sample ID: MW-107
Date Collected: 08/11/16 11:15
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 15:53	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 11:38	ECC	TAL TAM

Client Sample ID: MW-114
Date Collected: 08/11/16 08:45
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172942	08/18/16 16:12	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 12:01	ECC	TAL TAM

Client Sample ID: MW-115
Date Collected: 08/12/16 09:17
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 18:06	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 12:19	ECC	TAL TAM

Client Sample ID: MW-151
Date Collected: 08/10/16 09:40
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 18:24	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 12:38	ECC	TAL TAM

Client Sample ID: MW-152
Date Collected: 08/10/16 10:15
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 13:11	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 12:58	ECC	TAL TAM

Client Sample ID: MW-155
Date Collected: 08/10/16 12:31
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 13:29	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 13:16	ECC	TAL TAM

Client Sample ID: MW-155 (DUP)
Date Collected: 08/10/16 12:35
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 14:25	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 14:30	ECC	TAL TAM

Client Sample ID: MW-156
Date Collected: 08/10/16 14:07
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-26
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 14:43	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 14:48	ECC	TAL TAM

Client Sample ID: MW-158
Date Collected: 08/10/16 15:17
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-27
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 15:02	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 15:07	ECC	TAL TAM

Client Sample ID: MW-160
Date Collected: 08/10/16 14:53
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-28
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 15:20	ECC	TAL TAM

Client Sample ID: MW-160
Date Collected: 08/10/16 14:53
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-28
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 15:25	ECC	TAL TAM

Client Sample ID: MW-175
Date Collected: 08/12/16 07:58
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-29
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 15:38	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 15:43	ECC	TAL TAM

Client Sample ID: MW-176
Date Collected: 08/12/16 08:42
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 15:57	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 16:02	ECC	TAL TAM

Client Sample ID: MW-200
Date Collected: 08/12/16 09:30
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-31
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 16:16	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 16:20	ECC	TAL TAM

Client Sample ID: MW-230
Date Collected: 08/12/16 08:40
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-32
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 16:34	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 16:39	ECC	TAL TAM

Client Sample ID: MW-231
Date Collected: 08/12/16 08:05
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-33
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 16:52	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 16:57	ECC	TAL TAM

Client Sample ID: MW-248
Date Collected: 08/10/16 09:25
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-34
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 17:11	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 17:15	ECC	TAL TAM

Client Sample ID: BLANK -35 75524
Date Collected: 08/10/16 08:18
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-35
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 17:29	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172857	08/16/16 17:34	ECC	TAL TAM

Client Sample ID: Trip Blank 75524
Date Collected: 08/10/16 00:00
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-36
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	172941	08/18/16 17:48	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	172897	08/17/16 09:18	ECC	TAL TAM

Client Sample ID: 2400 TALLEVAST RD
Date Collected: 08/15/16 14:25
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173251	08/26/16 11:56	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173151	08/24/16 10:49	TGP	TAL TAM

Client Sample ID: 7561/7571 15TH ST E
Date Collected: 08/15/16 15:20
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173251	08/26/16 12:52	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173151	08/24/16 17:49	TGP	TAL TAM

Client Sample ID: MW-15D
Date Collected: 08/16/16 08:55
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173251	08/26/16 13:10	K1P	TAL TAM

Client Sample ID: MW-15D
Date Collected: 08/16/16 08:55
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173151	08/24/16 18:07	TGP	TAL TAM

Client Sample ID: MW-16D
Date Collected: 08/16/16 14:58
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173308	08/29/16 14:52	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173151	08/24/16 18:27	TGP	TAL TAM

Client Sample ID: MW-26
Date Collected: 08/15/16 15:35
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173251	08/26/16 13:47	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 10:20	TGP	TAL TAM

Client Sample ID: MW-28
Date Collected: 08/16/16 14:25
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173251	08/26/16 14:06	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 10:38	TGP	TAL TAM

Client Sample ID: MW-29
Date Collected: 08/16/16 14:51
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173251	08/26/16 14:25	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 10:56	TGP	TAL TAM

Client Sample ID: MW-50
Date Collected: 08/16/16 10:35
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173251	08/26/16 14:43	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 11:17	TGP	TAL TAM

Client Sample ID: MW-52
Date Collected: 08/16/16 10:17
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 12:44	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 11:35	TGP	TAL TAM

Client Sample ID: MW-53
Date Collected: 08/16/16 13:57
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 13:03	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 11:54	TGP	TAL TAM

Client Sample ID: MW-64
Date Collected: 08/16/16 09:27
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 13:22	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 12:13	TGP	TAL TAM

Client Sample ID: MW-77
Date Collected: 08/16/16 08:15
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 13:41	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 13:32	TGP	TAL TAM

Client Sample ID: MW-93
Date Collected: 08/16/16 11:10
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 14:00	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 13:50	TGP	TAL TAM

Client Sample ID: MW-111
Date Collected: 08/16/16 08:55
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 14:19	TGP	TAL TAM

Client Sample ID: MW-111
Date Collected: 08/16/16 08:55
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 14:08	TGP	TAL TAM

Client Sample ID: MW-113
Date Collected: 08/16/16 09:30
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 14:38	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 14:27	TGP	TAL TAM

Client Sample ID: MW-135
Date Collected: 08/16/16 14:18
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 14:57	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 14:46	TGP	TAL TAM

Client Sample ID: MW-141
Date Collected: 08/15/16 12:45
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 15:15	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 15:04	TGP	TAL TAM

Client Sample ID: MW-143
Date Collected: 08/15/16 11:58
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 15:35	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 15:23	TGP	TAL TAM

Client Sample ID: MW-146
Date Collected: 08/15/16 13:40
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 15:53	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 15:41	TGP	TAL TAM

Client Sample ID: MW-148
Date Collected: 08/15/16 14:43
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 16:12	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 15:59	TGP	TAL TAM

Client Sample ID: MW-185R
Date Collected: 08/15/16 15:22
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 16:31	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 16:19	TGP	TAL TAM

Client Sample ID: MW-215
Date Collected: 08/15/16 12:08
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 16:50	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 16:38	TGP	TAL TAM

Client Sample ID: MW-249
Date Collected: 08/15/16 13:02
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 17:09	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 16:57	TGP	TAL TAM

Client Sample ID: MW-250
Date Collected: 08/15/16 14:34
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 17:28	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173197	08/25/16 17:16	TGP	TAL TAM

Client Sample ID: MW-255
Date Collected: 08/15/16 13:50
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 17:47	TGP	TAL TAM

Client Sample ID: MW-255
Date Collected: 08/15/16 13:50
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 14:37	TGP	TAL TAM

Client Sample ID: Trip Blank 75655
Date Collected: 08/15/16 00:00
Date Received: 08/17/16 11:40

Lab Sample ID: 660-75655-26
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173248	08/26/16 12:25	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 14:15	TGP	TAL TAM

Client Sample ID: MW-17D
Date Collected: 08/17/16 10:56
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173308	08/29/16 16:08	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 15:00	TGP	TAL TAM

Client Sample ID: MW-24
Date Collected: 08/18/16 10:05
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173308	08/29/16 16:27	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 15:18	TGP	TAL TAM

Client Sample ID: MW-47
Date Collected: 08/18/16 11:52
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173308	08/29/16 16:46	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 15:37	TGP	TAL TAM

Client Sample ID: MW-48
Date Collected: 08/18/16 10:18
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173308	08/29/16 17:04	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 15:55	TGP	TAL TAM

Client Sample ID: MW-48 (DUP)

Lab Sample ID: 660-75664-5

Date Collected: 08/18/16 10:21

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173308	08/29/16 18:20	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 17:12	TGP	TAL TAM

Client Sample ID: MW-49

Lab Sample ID: 660-75664-6

Date Collected: 08/17/16 12:57

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173308	08/29/16 18:39	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 17:30	TGP	TAL TAM

Client Sample ID: MW-55

Lab Sample ID: 660-75664-7

Date Collected: 08/18/16 08:40

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173308	08/29/16 18:58	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 17:50	TGP	TAL TAM

Client Sample ID: MW-63

Lab Sample ID: 660-75664-8

Date Collected: 08/17/16 09:30

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173308	08/29/16 19:17	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 18:08	TGP	TAL TAM

Client Sample ID: MW-65

Lab Sample ID: 660-75664-9

Date Collected: 08/17/16 09:55

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173308	08/29/16 19:36	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 18:27	TGP	TAL TAM

Client Sample ID: MW-65 (DUP)

Lab Sample ID: 660-75664-10

Date Collected: 08/17/16 09:59

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 10:12	K1P	TAL TAM

Client Sample ID: MW-65 (DUP)

Lab Sample ID: 660-75664-10

Date Collected: 08/17/16 09:59

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 19:40	TGP	TAL TAM

Client Sample ID: MW-69

Lab Sample ID: 660-75664-11

Date Collected: 08/17/16 13:42

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 10:31	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 19:59	TGP	TAL TAM

Client Sample ID: MW-79

Lab Sample ID: 660-75664-12

Date Collected: 08/17/16 13:15

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 10:50	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 20:17	TGP	TAL TAM

Client Sample ID: MW-89

Lab Sample ID: 660-75664-13

Date Collected: 08/17/16 13:30

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 11:08	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 20:35	TGP	TAL TAM

Client Sample ID: MW-90

Lab Sample ID: 660-75664-14

Date Collected: 08/17/16 10:40

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 11:27	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173258	08/26/16 20:54	TGP	TAL TAM

Client Sample ID: MW-91

Lab Sample ID: 660-75664-15

Date Collected: 08/17/16 08:35

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 11:45	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 11:39	TGP	TAL TAM

Client Sample ID: MW-92
Date Collected: 08/17/16 08:45
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 12:04	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 11:57	TGP	TAL TAM

Client Sample ID: MW-101
Date Collected: 08/18/16 09:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 12:22	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		5	5 mL	5 mL	173371	08/30/16 17:31	TGP	TAL TAM

Client Sample ID: MW-102
Date Collected: 08/17/16 14:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 12:41	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 12:36	TGP	TAL TAM

Client Sample ID: MW-102 (DUP)
Date Collected: 08/17/16 14:34
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 13:55	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 13:51	TGP	TAL TAM

Client Sample ID: MW-103
Date Collected: 08/17/16 15:05
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 14:14	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 14:13	TGP	TAL TAM

Client Sample ID: MW-106
Date Collected: 08/18/16 07:40
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 14:32	K1P	TAL TAM

Client Sample ID: MW-106
Date Collected: 08/18/16 07:40
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 14:32	TGP	TAL TAM

Client Sample ID: MW-108
Date Collected: 08/18/16 09:05
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 14:51	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 14:58	TGP	TAL TAM

Client Sample ID: MW-109
Date Collected: 08/18/16 14:15
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 15:09	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 15:16	TGP	TAL TAM

Client Sample ID: MW-116
Date Collected: 08/18/16 08:06
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 15:28	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 15:34	TGP	TAL TAM

Client Sample ID: MW-124
Date Collected: 08/19/16 07:42
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 15:46	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 15:53	TGP	TAL TAM

Client Sample ID: MW-126
Date Collected: 08/17/16 14:45
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-26
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 16:05	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 16:14	TGP	TAL TAM

Client Sample ID: MW-131
Date Collected: 08/17/16 10:23
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-27
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 16:23	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 16:36	TGP	TAL TAM

Client Sample ID: MW-132
Date Collected: 08/17/16 14:00
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-28
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 16:42	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 16:54	TGP	TAL TAM

Client Sample ID: MW-133
Date Collected: 08/17/16 09:13
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-29
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173367	08/30/16 17:00	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 17:13	TGP	TAL TAM

Client Sample ID: MW-168
Date Collected: 08/18/16 12:57
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 11:35	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 17:31	TGP	TAL TAM

Client Sample ID: MW-169
Date Collected: 08/19/16 06:54
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-31
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 12:13	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 17:49	TGP	TAL TAM

Client Sample ID: MW-178
Date Collected: 08/18/16 08:35
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-32
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 13:10	K1P	TAL TAM

Client Sample ID: MW-178

Date Collected: 08/18/16 08:35
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-32
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 18:08	TGP	TAL TAM

Client Sample ID: MW-219

Date Collected: 08/18/16 12:27
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-33
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 13:29	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 18:26	TGP	TAL TAM

Client Sample ID: MW-220

Date Collected: 08/18/16 11:30
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-34
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 13:48	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173314	08/29/16 18:45	TGP	TAL TAM

Client Sample ID: MW-221

Date Collected: 08/18/16 10:50
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-35
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 14:07	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 11:45	TGP	TAL TAM

Client Sample ID: MW-232

Date Collected: 08/18/16 13:43
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-36
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 14:26	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 12:59	TGP	TAL TAM

Client Sample ID: MW-239

Date Collected: 08/17/16 11:23
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-37
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 14:45	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 13:17	TGP	TAL TAM

Client Sample ID: MW-242
Date Collected: 08/19/16 07:35
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-38
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 15:04	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 13:40	TGP	TAL TAM

Client Sample ID: MW-243
Date Collected: 08/19/16 07:05
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-39
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 15:23	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 13:58	TGP	TAL TAM

Client Sample ID: BLANK -36
Date Collected: 08/17/16 09:32
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-40
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 11:17	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 11:27	TGP	TAL TAM

Client Sample ID: BLANK -37
Date Collected: 08/17/16 14:02
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-41
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 10:58	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 11:08	TGP	TAL TAM

Client Sample ID: BLANK -38
Date Collected: 08/18/16 09:47
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-42
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 10:39	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 10:50	TGP	TAL TAM

Client Sample ID: TRIP BLANK 75664
Date Collected: 08/17/16 00:00
Date Received: 08/19/16 14:30

Lab Sample ID: 660-75664-43
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173372	08/30/16 10:20	K1P	TAL TAM

Client Sample ID: TRIP BLANK 75664

Lab Sample ID: 660-75664-43

Date Collected: 08/17/16 00:00

Matrix: Water

Date Received: 08/19/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 10:31	TGP	TAL TAM

Client Sample ID: IWI-1

Lab Sample ID: 660-75747-1

Date Collected: 08/23/16 10:00

Matrix: Water

Date Received: 08/24/16 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	50	5 mL	5 mL	173417	08/31/16 17:40	K1P	TAL TAM
Total/NA	Analysis	8260B		5	5 mL	5 mL	173417	08/31/16 17:58	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		5	5 mL	5 mL	173468	09/01/16 10:06	TGP	TAL TAM

Client Sample ID: IWI-2

Lab Sample ID: 660-75747-2

Date Collected: 08/23/16 09:02

Matrix: Water

Date Received: 08/24/16 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 16:44	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 14:36	TGP	TAL TAM

Client Sample ID: MW-13D

Lab Sample ID: 660-75747-3

Date Collected: 08/22/16 14:05

Matrix: Water

Date Received: 08/24/16 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 10:31	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 14:54	TGP	TAL TAM

Client Sample ID: MW-21

Lab Sample ID: 660-75747-4

Date Collected: 08/22/16 11:55

Matrix: Water

Date Received: 08/24/16 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 12:23	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 15:13	TGP	TAL TAM

Client Sample ID: MW-37

Lab Sample ID: 660-75747-5

Date Collected: 08/23/16 11:00

Matrix: Water

Date Received: 08/24/16 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	5 mL	5 mL	173516	09/02/16 14:22	K1P	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-37
Date Collected: 08/23/16 11:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 17:02	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 15:31	TGP	TAL TAM

Client Sample ID: MW-39
Date Collected: 08/24/16 08:33
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	173417	08/31/16 17:21	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 18:35	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 15:54	TGP	TAL TAM

Client Sample ID: MW-42
Date Collected: 08/23/16 12:09
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 12:42	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 16:16	TGP	TAL TAM

Client Sample ID: MW-43
Date Collected: 08/23/16 11:08
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 16:25	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 16:35	TGP	TAL TAM

Client Sample ID: MW-44
Date Collected: 08/22/16 14:05
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 13:00	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 16:54	TGP	TAL TAM

Client Sample ID: MW-45

Lab Sample ID: 660-75747-10

Date Collected: 08/22/16 15:06

Matrix: Water

Date Received: 08/24/16 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 13:19	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173371	08/30/16 17:12	TGP	TAL TAM

Client Sample ID: MW-62

Lab Sample ID: 660-75747-11

Date Collected: 08/22/16 12:40

Matrix: Water

Date Received: 08/24/16 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 13:38	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 10:43	TGP	TAL TAM

Client Sample ID: MW-72

Lab Sample ID: 660-75747-12

Date Collected: 08/23/16 13:32

Matrix: Water

Date Received: 08/24/16 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 10:50	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 11:02	TGP	TAL TAM

Client Sample ID: MW-72 (DUP)

Lab Sample ID: 660-75747-13

Date Collected: 08/23/16 13:37

Matrix: Water

Date Received: 08/24/16 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 13:56	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 12:21	TGP	TAL TAM

Client Sample ID: MW-76

Lab Sample ID: 660-75747-14

Date Collected: 08/23/16 13:00

Matrix: Water

Date Received: 08/24/16 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 14:15	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 12:40	TGP	TAL TAM

Client Sample ID: MW-80

Lab Sample ID: 660-75747-15

Date Collected: 08/23/16 14:27

Matrix: Water

Date Received: 08/24/16 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 14:34	K1P	TAL TAM

Client Sample ID: MW-80
Date Collected: 08/23/16 14:27
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 12:58	TGP	TAL TAM

Client Sample ID: MW-80 (DUP)
Date Collected: 08/23/16 14:37
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 15:48	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 14:13	TGP	TAL TAM

Client Sample ID: MW-84
Date Collected: 08/24/16 08:10
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173417	08/31/16 16:07	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 14:32	TGP	TAL TAM

Client Sample ID: MW-162
Date Collected: 08/22/16 11:10
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173466	09/01/16 13:29	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 14:50	TGP	TAL TAM

Client Sample ID: MW-164
Date Collected: 08/22/16 12:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173466	09/01/16 13:48	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 15:09	TGP	TAL TAM

Client Sample ID: MW-233
Date Collected: 08/22/16 12:52
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173466	09/01/16 14:08	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 15:27	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-253
Date Collected: 08/23/16 10:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173466	09/01/16 14:28	K1P	TAL TAM
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	173554	09/05/16 13:02	TGP	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 15:45	TGP	TAL TAM

Client Sample ID: BLANK -39
Date Collected: 08/23/16 13:12
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173466	09/01/16 11:52	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 16:04	TGP	TAL TAM

Client Sample ID: BLANK -40
Date Collected: 08/23/16 14:05
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173466	09/01/16 11:33	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 16:23	TGP	TAL TAM

Client Sample ID: Trip Blank 75747
Date Collected: 08/22/16 00:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173466	09/01/16 11:13	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 16:41	TGP	TAL TAM

Client Sample ID: EW-UAFG-1
Date Collected: 08/25/16 14:05
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	50	5 mL	5 mL	173465	09/01/16 16:45	K1P	TAL TAM
Total/NA	Analysis	8260B		5	5 mL	5 mL	173465	09/01/16 17:04	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		5	5 mL	5 mL	173518	09/02/16 17:28	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-8D
Date Collected: 08/25/16 14:45
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173465	09/01/16 14:17	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 17:10	TGP	TAL TAM

Client Sample ID: MW-9D
Date Collected: 08/24/16 09:30
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173465	09/01/16 14:35	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 17:39	TGP	TAL TAM

Client Sample ID: MW-30
Date Collected: 08/24/16 08:30
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173465	09/01/16 14:54	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173422	08/31/16 17:57	TGP	TAL TAM

Client Sample ID: MW-33
Date Collected: 08/24/16 13:47
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173465	09/01/16 15:12	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 10:24	TGP	TAL TAM

Client Sample ID: MW-41
Date Collected: 08/25/16 09:48
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	5 mL	5 mL	173465	09/01/16 16:26	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	173465	09/01/16 17:41	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		10	5 mL	5 mL	173518	09/02/16 17:47	TGP	TAL TAM

Client Sample ID: MW-57

Lab Sample ID: 660-75781-7

Date Collected: 08/26/16 08:55

Matrix: Water

Date Received: 08/26/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173465	09/01/16 15:31	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 11:02	TGP	TAL TAM

Client Sample ID: MW-58

Lab Sample ID: 660-75781-8

Date Collected: 08/25/16 09:01

Matrix: Water

Date Received: 08/26/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173465	09/01/16 15:49	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 11:21	TGP	TAL TAM

Client Sample ID: MW-67

Lab Sample ID: 660-75781-9

Date Collected: 08/24/16 09:45

Matrix: Water

Date Received: 08/26/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173465	09/01/16 16:08	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 11:40	TGP	TAL TAM

Client Sample ID: MW-70

Lab Sample ID: 660-75781-10

Date Collected: 08/26/16 08:45

Matrix: Water

Date Received: 08/26/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173515	09/02/16 14:33	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 11:59	TGP	TAL TAM

Client Sample ID: MW-71

Lab Sample ID: 660-75781-11

Date Collected: 08/25/16 15:15

Matrix: Water

Date Received: 08/26/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173515	09/02/16 14:52	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 12:17	TGP	TAL TAM

Client Sample ID: MW-78

Lab Sample ID: 660-75781-12

Date Collected: 08/24/16 09:05

Matrix: Water

Date Received: 08/26/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173515	09/02/16 15:10	K1P	TAL TAM

Client Sample ID: MW-78
Date Collected: 08/24/16 09:05
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 12:36	TGP	TAL TAM

Client Sample ID: MW-81
Date Collected: 08/24/16 09:00
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173466	09/01/16 18:44	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		5	5 mL	5 mL	173518	09/02/16 18:05	TGP	TAL TAM

Client Sample ID: MW-86R
Date Collected: 08/24/16 11:01
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173515	09/02/16 15:29	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 13:13	TGP	TAL TAM

Client Sample ID: MW-110R
Date Collected: 08/24/16 12:00
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173466	09/01/16 16:45	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 13:32	TGP	TAL TAM

Client Sample ID: MW-127
Date Collected: 08/26/16 07:59
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	173466	09/01/16 19:03	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	173466	09/01/16 19:23	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 13:51	TGP	TAL TAM

Client Sample ID: MW-128
Date Collected: 08/25/16 10:51
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173466	09/01/16 17:05	K1P	TAL TAM

Client Sample ID: MW-128
Date Collected: 08/25/16 10:51
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 14:10	TGP	TAL TAM

Client Sample ID: MW-128 (DUP)
Date Collected: 08/25/16 10:55
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173466	09/01/16 18:24	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 15:26	TGP	TAL TAM

Client Sample ID: MW-129
Date Collected: 08/25/16 09:50
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173516	09/02/16 11:44	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 15:44	TGP	TAL TAM

Client Sample ID: MW-130
Date Collected: 08/26/16 08:15
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173516	09/02/16 12:24	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 16:03	TGP	TAL TAM

Client Sample ID: MW-134
Date Collected: 08/24/16 10:54
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173516	09/02/16 13:23	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 16:21	TGP	TAL TAM

Client Sample ID: MW-134 (DUP)
Date Collected: 08/24/16 10:59
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173516	09/02/16 12:43	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 17:35	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-252

Date Collected: 08/25/16 11:15
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173516	09/02/16 12:04	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173468	09/01/16 17:53	TGP	TAL TAM

Client Sample ID: PZ-LSAS-1

Date Collected: 08/25/16 13:20
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	5 mL	5 mL	173516	09/02/16 16:00	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	173516	09/02/16 16:20	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 11:44	TGP	TAL TAM

Client Sample ID: PZ-LSAS-2

Date Collected: 08/25/16 12:35
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	5 mL	5 mL	173516	09/02/16 15:41	K1P	TAL TAM
Total/NA	Analysis	8260B		2	5 mL	5 mL	173516	09/02/16 16:59	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 13:03	TGP	TAL TAM

Client Sample ID: PZ-LSAS-4

Date Collected: 08/25/16 14:45
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-26
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	5 mL	5 mL	173516	09/02/16 15:21	K1P	TAL TAM
Total/NA	Analysis	8260B		2	5 mL	5 mL	173516	09/02/16 17:39	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 13:21	TGP	TAL TAM

Client Sample ID: PZ-LSAS-5

Date Collected: 08/25/16 13:40
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-27
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	173516	09/02/16 15:01	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	173516	09/02/16 18:18	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 13:42	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: PZ-LSAS-6

Lab Sample ID: 660-75781-28

Date Collected: 08/25/16 13:00
Matrix: Water
Date Received: 08/26/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	5 mL	5 mL	173516	09/02/16 14:42	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	173516	09/02/16 18:57	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 14:02	TGP	TAL TAM

Client Sample ID: PZ-LSAS-7

Lab Sample ID: 660-75781-29

Date Collected: 08/25/16 12:14
Matrix: Water
Date Received: 08/26/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173516	09/02/16 13:03	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 14:21	TGP	TAL TAM

Client Sample ID: BLANK-42

Lab Sample ID: 660-75781-30

Date Collected: 08/24/16 10:20
Matrix: Water
Date Received: 08/26/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173516	09/02/16 11:24	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 11:23	TGP	TAL TAM

Client Sample ID: BLANK-43

Lab Sample ID: 660-75781-31

Date Collected: 08/25/16 10:23
Matrix: Water
Date Received: 08/26/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173516	09/02/16 11:05	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 11:03	TGP	TAL TAM

Client Sample ID: Trip Blank

Lab Sample ID: 660-75781-32

Date Collected: 08/24/16 00:00
Matrix: Water
Date Received: 08/26/16 15:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173516	09/02/16 10:45	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 10:44	TGP	TAL TAM

Client Sample ID: MW-11R
Date Collected: 08/29/16 13:54
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173515	09/02/16 11:46	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 14:39	TGP	TAL TAM

Client Sample ID: MW-19
Date Collected: 08/29/16 13:01
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173515	09/02/16 12:23	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 14:58	TGP	TAL TAM

Client Sample ID: MW-32
Date Collected: 08/29/16 14:47
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173515	09/02/16 13:19	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 15:16	TGP	TAL TAM

Client Sample ID: MW-36
Date Collected: 08/30/16 07:17
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173515	09/02/16 13:38	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 15:35	TGP	TAL TAM

Client Sample ID: MW-38
Date Collected: 08/30/16 07:50
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173515	09/02/16 13:56	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 15:53	TGP	TAL TAM

Client Sample ID: MW-40
Date Collected: 08/30/16 08:22
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173515	09/02/16 14:15	K1P	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-40

Date Collected: 08/30/16 08:22
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 16:14	TGP	TAL TAM

Client Sample ID: MW-254

Date Collected: 08/29/16 14:18
Date Received: 08/31/16 10:30

Lab Sample ID: 660-75814-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	173515	09/02/16 17:57	K1P	TAL TAM
Total/NA	Analysis	8260B		1	5 mL	5 mL	173515	09/02/16 18:16	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173518	09/02/16 16:33	TGP	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-17

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee and John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com	
Company: AECOM			
Address: 1600 Tallevast Road	Due Date Requested: 10 Day		
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day		
Phone: 941-351-7959	PO #: 73752ACM		
Email: darrin.johnson@aecom.com	WO #: 60507317.02		
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Extraction Well Sampling	Project #: 66006091		
Site: TALLEVAST	SSOW#:		

COC No: 660-70145-22323
Page: Page 1 of 1
Job #:

Analysis Requested

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
		Preservation Code:					X	X	A	A	
7851 15TH ST E #2	08/09/16	07:26	FS	GW	-	-	N	N	X	X	
MW-31		13:16	FS	GW	-	-	N	N	X	X	
MW-59		10:51	FS	GW	-	-	N		X	X	
MW-68		11:17	FS	GW	-	-	N		X	X	
MW-74		10:56	FS	GW	-	-	N		X	X	
MW-82		11:27	FS	GW	-	-	N		X	X	
MW-117		10:09	FS	GW	-	-	N		X	X	
MW-118		10:04	FS	GW	-	-	N		X	X	
MW-119		09:33	FS	GW	-	-	N		X	X	
MW-120		09:37	FS	GW	-	-	N		X	X	
			~~FS~~	~~GW~~	~~-~~	~~-~~	~~N~~	~~N~~	~~X~~	~~X~~	
			~~FS~~	~~GW~~	~~-~~	~~-~~	~~N~~	~~N~~	~~X~~	~~X~~	
			~~FS~~	~~GW~~	~~-~~	~~-~~	~~N~~	~~N~~	~~X~~	~~X~~	
			~~FS~~	~~GW~~	~~-~~	~~-~~	~~N~~	~~N~~	~~X~~	~~X~~	
			~~FS~~	~~GW~~	~~-~~	~~-~~	~~N~~	~~N~~	~~X~~	~~X~~	

660-75488 Chain of Custody

Loc: 660
75488

Possible Hazard Identification
X Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Kristin Southers Date: 08/03/16 Time: 12:00 Method of Shipment: TestAmerica Courier (both delivery and pickup)

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	08/10/16 08:30	AECOM		8-10-16 0830	TA TPA
Relinquished by	8-10-16 1315	TA TPA		8/10/16 1315	TA TPA
Relinquished by	Date/Time:	Company:	Received by	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No
Custody Seal No.:
Cooler temperature and other remarks: 2.0/1.8 cw-09

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-70145-22323
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 3
Company: AECOM				Job #:
Address: 1600 Tallevast Road	Due Date Requested: 10 Day			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60507317.02			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) ~~Extraction Well Sampling~~ Annual GW Monitoring	Project #: 66006091			
Site: TALLEVAST	SSOW#:			

Analysis Requested

Matrix Codes
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
Preservation Code:									A	A	
MW-22	08/11/16	1210	FS	GW	-	-	N	N	X	X	
MW-23	08/11/16	0928	FS	GW	-	-	N	N	X	X	
MW-25	08/11/16	1517	FS	GW	-	-	N	N	X	X	
MW-27	08/10/16	10:05	FS	GW	-	-	N	N	X	X	
MW-34	08/10/16	07:17	FS	GW	-	-	N	N	X	X	
MW-35	08/11/16	0700	FS	GW	-	-	N	N	X	X	
MW-54	08/10/16	10:40	FS	GW	-	-	N	N	X	X	
MW-73	08/10/16	14:30	FS	GW	-	-	N	N	X	X	
MW-75	08/11/16	0722	FS	GW	-	-	N	N	X	X	
MW-83	08/11/16	1305	FS	GW	-	-	N	N	X	X	
MW-85	08/11/16	1449	FS	GW	-	-	N	N	X	X	
MW-87	08/11/16	0657	FS	GW	-	-	N	N	X	X	
MW-94 08/11/16	~~08/11/16~~	0940	FS	GW	-	-	N	N	X	X	
MW-95	08/11/16	1025	FS	GW	-	-	N	N	X	X	
MW-98	08/10/16	15:05	FS	GW	-	-	N	N	X	X	

660-75524 Chain of Custody

Loc: 660
75524

Possible Hazard Identification
X Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by: Kristin Southers Date: 08/03/16 Time: 12:00 Method of Shipment: TestAmerica Courier (both delivery and pickup)

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
		AECOM		8/12/16 0700	TA-TPA
Relinquished by:	Date/Time: 08/12/16 1305	Company:	Received by:	Date/Time: 8-12-16 1305	Company: TA-TPA
Relinquished by:	Date/Time: 8-12-16 1500	Company: TA TPA	Received by:	Date/Time: 8/12/16 1500	Company: TA TPA

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No | Custody Seal No.: | Cooler temperature and other remarks: 4.0/3.8 cw-07

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9/6/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-70145-22323 (G2)
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 2 of (G3) 3
Company: AECOM			Analysis Requested	Job #:
Address: 1600 Tallevast Road	Due Date Requested: 10 Day			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60507317.02			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) ~~Extraction Well Sampling~~ (G2) Annual Groundwater Monitoring	Project #: 66006091			
Site: TALLEVAST	SSOW#:			

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
Preservation Code:							X	X	A	A	
MW-100	08/10/16	12:50	FS	GW	-	-	N	N	X	X	
MW-104	08/10/16	08:47	FS	GW	-	-	N	N	X	X	
MW-105	08/10/16	13:35	FS	GW	-	-	N	N	X	X	
MW-107	08/11/16	1145	FS	GW	-	-	N	N	X	X	
MW-114	08/11/16	0845	FS	GW	-	-	N	N	X	X	
MW-115	08/12/16	0907	FS	GW	-	-	N	N	X	X	
MW-151	08/10/16	09:40	FS	GW	-	-	N	N	X	X	
MW-152	08/10/16	10:15	FS	GW	-	-	N	N	X	X	
MW-155	08/10/16	12:31	FS (G2)	GW	-	-	N	N	X	X	
MW-155 (DUP)	08/10/16	12:35	~~FS~~ (G2) FD	GW	-	-	N	N	X	X	
MW-155 (MS)	08/10/16	12:41	FS	GW	-	-	N	Y	X	X	
MW-155 (MSD)	08/10/16	12:38	~~FS~~ (G2) FD	GW	-	-	N	Y	X	X	
MW-156	08/10/16	14:07	FS	GW	-	-	N	N	X	X	
MW-158	08/10/16	15:17	FS	GW	-	-	N	N	X	X	
MW-160	08/10/16	14:53	FS	GW	-	-	N	N	X	X	

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Kristin Southers Date: 08/03/16 Time: 12:00 Method of Shipment: TestAmerica Courier (both delivery and pickup)

Relinquished by:	Date/Time:	Company: AECOM	Received by:	Date/Time: 8/12/16 0700	Company:
Relinquished by:	Date/Time: 08/12/16 1305	Company: AECOM	Received by:	Date/Time: 8-12-16 1305	Company: TA TPA
Relinquished by:	Date/Time: 8-12-16 1500	Company: TA TPA	Received by:	Date/Time: 8/12/16 1500	Company: TA TPA

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes ___ No ___ Custody Seal No.:

Cooler temperature and other remarks: 4.0/3.8 cw-09

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9/6/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-70145-22323
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 3 of 3
Company: AECOM				Job #:
Address: 1600 Tallevast Road	Due Date Requested: 10 Day			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60507317.02			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) ~~Extraction Well Sampling~~ ANNUAL GROUNDWATER MONITORING	Project #: 66006091			
Site: TALLEVAST	SSOW#:			

Analysis Requested

Matrix Codes:
SD - SEDIMENT SC - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WC - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
			Preservation Code:						A	A	
MW-175	08/12/16	0758	FS	GW	-	-	N	N	X	X	
MW-176	08/12/16	0842	FS	GW	-	-	N	N	X	X	
MW-200	08/12/16	0930	FS	GW	-	-	N	N	X	X	
MW-230	08/12/16	0840	FS	GW	-	-	N	N	X	X	
MW-231	08/12/16	0905	FS	GW	-	-	N	N	X	X	
MW-248	08/10/16	09:25	FS	GW	-	-	N	N	X	X	
BLANK-35	08/10/16	08:18	~~FB~~ FS	~~GW~~ WG	-	-	N	N	X	X	Equipment Blank
			~~FS~~	~~GW~~		-	~~N~~				
			~~FS~~	~~GW~~		-	~~N~~				
			~~FS~~	~~GW~~		-	~~N~~				
			~~FS~~	~~GW~~		-	~~N~~				
			~~FS~~	~~GW~~		-	~~N~~				
			~~FS~~	~~GW~~		-	~~N~~				
			~~FS~~	~~GW~~		-	~~N~~				
			~~FS~~	~~GW~~		-	~~N~~				

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Kristin Southers | Date: 08/03/16 | Time: 12:00 | Method of Shipment: TestAmerica Courier (both delivery and pickup)

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
		AECOM		8/12/16 0700	AECOM
J Wilson	08/12/16 1305	AECOM		8-12-16 1305	TA TPA
	8-12-16 1500	TA TPA		8/12/16 1500	TA TPA

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No | Custody Seal No.: | Cooler temperature and other remarks: 4.0/5.8 CW-09

Page 567 of 587

9/6/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com	
Company: AECOM			
Address: 1600 Tallevast Road	Due Date Requested: 10 Day		
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day		
Phone: 941-351-7959	PO # : 73752ACM		
Email: darrin.johnson@aecom.com	WO #: 60507317.02		
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Annual Groundwater Monitoring	Project #: 66006091		
Site: TALLEVAST	SSOW#:		

COC No: 660-70145-22323
Page: Page 1 of 2
Job #:

Analysis Requested

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
Preservation Code:							X	X	A	A	
2400 TALLEVAST RD	8/15/16	14:25	FS	GW	-	-	N	N	X	X	
7561/7571 15TH ST E	8/15/16	15:20	FS	GW	-	-	N	N	X	X	
MW-15D	8/16/16	8:55	FS	GW	-	-	N	N	X	X	
MW-16D	8/16/16	14:58	FS	GW	-	-	N	N	X	X	
MW-26	8/15/16	15:35	FS	GW	-	-	N	N	X	X	
MW-28	8/16/16	14:25	FS	GW	-	-	N	N	X	X	
MW-29	8/16/16	14:51	FS	GW	-	-	N	N	X	X	
MW-50	8/16/16	10:35	FS	GW	-	-	N	N	X	X	
MW-52	8/16/16	10:17	FS	GW	-	-	N	N	X	X	
MW-53	8/16/16	13:57	FS	GW	-	-	N	N	X	X	
MW-64	8/16/16	9:27	FS	GW	-	-	N	N	X	X	
MW-77	8/16/16	8:15	FS	GW	-	-	N	N	X	X	
MW-93	8/16/16	11:10	FS	GW	-	-	N	N	X	X	
MW-111	8/16/16	8:55	FS	GW	-	-	N	N	X	X	
MW-113	8/16/16	9:30	FS	GW	-	-	N	N	X	X	

660-75655 Chain of Custody

Loc: 660
75655

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Kristin Southors Date: 08/03/16 Time: 12:00

Method of Shipment: TestAmerica Courier (both delivery and pickup)

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	08/17/16 08:40	AECOM		8-17-16	
Relinquished by: 11:40	8-17-16 11:40			8/17/16 1140	TATPA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No | Custody Seal No.: | Cooler temperature and other remarks:

1.1/2.0 w-09 GA

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No 660-70145-22323
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 2 of 2
Company: AECOM		Analysis Requested		Job #:
Address: 1600 Tallevast Road	Due Date Requested: 10 Day			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60507317.02			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc) Annual Groundwater Monitoring	Project #: 66006091			
Site: TALLEVAST	SSOW#:			

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SO - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
Preservation Code:							X	X	X	X	
MW-135	8/16/16	14:18	FS	GW	-	-	N	N	X	X	
MW-141	8/15/16	12:45	FS	GW	-	-	N	N	X	X	
MW-143	8/15/16	11:58	FS	GW	-	-	N	N	X	X	
MW-146	8/15/16	13:40	FS	GW	-	-	N	N	X	X	
MW-148	8/15/16	14:43	FS	GW	-	-	N	N	X	X	
MW-185R	8/15/16	15:22	FS	GW	-	-	N	N	X	X	
MW-215	8/15/16	12:08	FS	GW	-	-	N	N	X	X	
MW-249	8/15/16	13:02	FS	GW	-	-	N	N	X	X	
MW-250	8/15/16	14:34	FS	GW	-	-	N	N	X	X	
MW-255	8/15/16	13:50	FS	GW	-	-	N	N	X	X	

Possible Hazard Identification
X Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by: Kristin Southors	Date: 08/03/16	Time: 12:00	Method of Shipment: TestAmerica Courior (both delivery and pickup)

Relinquished by:	Date/Time: 08/17/16 @ 08:40	Company: AECOM	Received by:	Date/Time: 8-17-16 10:30	Company:
Relinquished by:	Date/Time: 8-17-16 11:40	Company:	Received by:	Date/Time: 8/17/16 1140	Company: TA TPA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na204S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No | Custody Seal No.: | Cooler temperature and other remarks:

1.8/0.9°C - CF 08/17/16 CW-09

9/6/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-70145-22323
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 4
Company: AECOM		Analysis Requested		Job #:
Address: 1600 Tallevast Road	Due Date Requested: 10 Day			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60507317.02			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Annual Groundwater Monitoring	Project #: 66006091			
Site: TALLEVAST	SSOW#:			

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
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FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
Preservation Code:							X	X	A	A	
MW-17D	8/17/16	10:56	FS	GW	-	-	N	N	X	X	
MW-24	8/18/16	10:05	FS	GW	-	-	N	N	X	X	
MW-47	8/18/16	11:52	FS	GW	-	-	N	N	X	X	
MW-48	8/18/16	10:18	FS	GW	-	-	N	N	X	X	
MW-48 (DUP)	8/18/16	10:21	FD	GW	-	-	N	N	X	X	
MW-48 (MS)	8/18/16	10:24	FS	GW	-	-	N	Y	X	X	
MW-48 (MSD)	8/18/16	10:27	FD	GW	-	-	N	Y	X	X	
MW-49	8/17/16	12:57	FS	GW	-	-	N	N	X	X	
MW-55	8/18/16	8:40	FS	GW	-	-	N	N	X	X	
MW-63	8/17/16	9:30	FS	GW	-	-	N	N	X	X	
MW-65	8/17/16	9:55	FS	GW	-	-	N	N	X	X	
MW-65 (DUP)	8/17/16	9:59	FD	GW	-	-	N	N	X	X	
MW-65 (MS)	8/17/16	10:05	FS	GW	-	-	N	Y	X	X	
MW-65 (MSD)	8/17/16	10:02	FD	GW	-	-	N	Y	X	X	
MW-69	8/17/16	13:42	FS	GW	-	-	N	N	X	X	

Loc: 660
75664

660-75664 Chain of Custody

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Kristin Southers Date: 08/03/16 Time: 12:00 Method of Shipment: TestAmerica Courier (both delivery and pickup)

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
	8/19/16 08:00	AECOM		8-11-16 1:15pm	TA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
	8-11-16 2:30pm			8-11-16 1430	TA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C=ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact Yes No | Custody Seal No.: | Cooler temperature and other remarks: 10/1.2 c CU-09

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-70145-22323
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 2 of 4
Company: AECOM		Analysis Requested		Job #:
Address: 1600 Tallevast Road	Due Date Requested: 10 Day			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60507317.02			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Annual Groundwater Monitoring	Project #: 66006091			
Site: TALLEVAST	SSOW#:			

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LQ - LIQUID OTHER

Sample Types
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
Preservation Code:									A	A	
MW-79	8/17/16	13:15	FS	GW	-	-	N	N	X	X	
MW-89	8/17/16	13:30	FS	GW	-	-	N	N	X	X	
MW-90	8/17/16	10:40	FS	GW	-	-	N	N	X	X	
MW-91	8/17/16	8:35	FS	GW	-	-	N	N	X	X	
MW-92	8/17/16	8:45	FS	GW	-	-	N	N	X	X	
MW-101	8/18/16	9:30	FS	GW	-	-	N	N	X	X	
MW-102	8/17/16	14:30	FS	GW	-	-	N	N	X	X	
MW-102 (DUP)	8/17/16	14:34	FD	GW	-	-	N	N	X	X	
MW-102 (MS)	8/17/16	14:38	FS	GW	-	-	N	Y	X	X	
MW-102 (MSD)	8/17/16	14:41	FD	GW	-	-	N	Y	X	X	
MW-103	8/17/16	15:05	FS	GW	-	-	N	N	X	X	
MW-106	8/18/16	7:40	FS	GW	-	-	N	N	X	X	
MW-108	8/18/16	9:05	FS	GW	-	-	N	N	X	X	
MW-109	8/18/16	14:15	FS	GW	-	-	N	N	X	X	
MW-116	8/18/16	8:06	FS	GW	-	-	N	N	X	X	

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
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Relinquished by:	08/19/16 08:00	AECOM		8-19-16 1:15	TA TAL
Relinquished by:	8-19-16 2:30		Received by:	8-19-16 1430	TA TBA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No Custody Seal No.: Cooler temperature and other remarks: 1.0/1.2 CU-09

9/6/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 560-70145-22323
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 3 of 4
Company: AECOM		Analysis Requested		Job #:
Address: 1600 Tallevast Road	Due Date Requested: 10 Day			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60507317.02			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Annual Groundwater Monitoring	Project #: 66006091			
Site: TALLEVAST	SSOW#:			

Matrix Codes
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
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MB - Method Blank TB - Trip Blank
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Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
Preservation Code:									A	A	
MW-124	8/19/16	7:42	FS	GW	-	-	N	N	X	X	
MW-126	8/17/16	14:45	FS	GW	-	-	N	N	X	X	
MW-131	8/17/16	10:23	FS	GW	-	-	N	N	X	X	
MW-132	8/17/16	14:00	FS	GW	-	-	N	N	X	X	
MW-133	8/17/16	9:13	FS	GW	-	-	N	N	X	X	
MW-168	8/18/16	6:54	FS	GW	-	-	N	N	X	X	
MW-169	8/19/16	0:00	FS	GW	-	-	N	N	X	X	
MW-178	8/18/16	8:35	FS	GW	-	-	N	N	X	X	
MW-219	8/18/16	12:27	FS	GW	-	-	N	N	X	X	
MW-220	8/18/16	11:30	FS	GW	-	-	N	N	X	X	
MW-221	8/18/16	10:50	FS	GW	-	-	N	N	X	X	
MW-232	8/18/16	13:43	FS	GW	-	-	N	N	X	X	
MW-239	8/17/16	11:23	FS	GW	-	-	N	N	X	X	
MW-242	8/19/16	7:35	FS	GW	-	-	N	N	X	X	
MW-243	8/19/16	7:05	FS	GW	-	-	N	N	X	X	

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
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Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

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	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	08/19/16 08:00	AECOM		8-19-16 1315	
Relinquished by:	8-19-16 2130			8-19-16 1430	
Relinquished by:			Received by:		

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No Custody Seal No.:

Cooler temperature and other remarks: 1.0 | 1.2 CU-09

9/6/2016

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Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):
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Email: darrin.johnson@aecom.com	WO #: 60507317.02		
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Annual Groundwater Monitoring	Project #: 66006091		
Site: TALLEVAST	SSOW#:		

COC No: 560-70145-22323
Page: Page 4 of 4
Job #:

Analysis Requested

Matrix Codes:
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Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note.
Preservation Codes:							X	X	A	A	
BLANK-36	8/17/16	9:32	EB	WO	-	-	N	N	X	X	
BLANK-37	8/17/16	14:02	EB	WO	-	-	N	N	X	X	
BLANK-38	8/18/16	9:47	EB	WO	-	-	N	N	X	X	

Possible Hazard Identification
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Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
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	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	08/19/16 0800	AECOM		8-19-16 1:15 p.	TAL Tampa
Relinquished by:	8-19-16 2330			8-20-16 1430	TAL TPA
Relinquished by:					

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact Yes No
Custody Seal No :

Cooler temperature and other remarks: 1.0 1.2 cw - 09

TestAmerica Tampa
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Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com	
Company: AECOM			
Address: 1600 Tallevast Road	Due Date Requested: 9/7/16		
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day		
Phone: 941-351-7959	PO # : 73752ACM		
Email: darrin.johnson@aecom.com	WO #: 60507317.02		
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Annual Groundwater Monitoring	Project #: 66006091		
Site: TALLEVAST	SSOW#:		

COC No: 660-70145-22323
Page: Page 1 of 2
Job #:

Analysis Requested

Matrix Codes:
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GW - GROUNDWATER SW - SURFACE WATER
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Sample Types:
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Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
Preservation Code:									A	A	
IWI-1	8/23/16	10:00	FS	GW	-	-	N	N	X	X	
IWI-2	8/23/16	9:02	FS	GW	-	-	N	N	X	X	
MW-13D	8/22/16	14:05	FS	GW	-	-	N	N	X	X	
MW-21	8/22/16	11:55	FS	GW	-	-	N	N	X	X	
MW-37	8/23/16	11:00	FS	GW	-	-	N	N	X	X	
MW-39	8/24/16	8:33	FS	GW	-	-	N	N	X	X	
MW-42	8/23/16	12:09	FS	GW	-	-	N	N	X	X	
MW-43	8/23/16	11:08	FS	GW	-	-	N	N	X	X	
MW-44	8/22/16	14:05	FS	GW	-	-	N	N	X	X	
MW-45	8/22/16	15:06	FS	GW	-	-	N	N	X	X	
MW-62	8/22/16	12:40	FS	GW	-	-	N	N	X	X	
MW-72	8/23/16	13:32	FS	GW	-	-	N	N	X	X	
MW-72 (DUP)	8/23/16	13:37	FD	GW	-	-	N	N	X	X	
MW-72 (MS)	8/23/16	13:45	FS	GW	-	-	N	Y	X	X	
MW-72 (MSD)	8/23/16	13:49	FD	GW	-	-	N	Y	X	X	

Loc: 660
75747

660-75747 Chain of Custody

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Kristin Southers Date: 08/03/16 Time: 12:00 Method of Shipment: TestAmerica Courier (both delivery and pickup)

	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	8/24/16 10:45	AECOM		8-24-16 1105	TA TPA
Relinquished by:	8-24-16 1500	TA TPA		8/24/16 1500	TA TPA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No
Custody Seal No.:
Cooler temperature and other remarks: 2.8/2.3 0.0-0.4

Page 574 of 587

9/6/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-70145-22323
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 2 of 2
Company: AECOM				Job #:
Address: 1600 Tallevast Road	Due Date Requested: 9/7/16			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60507317.02			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Annual Groundwater Monitoring	Project #: 66006091			
Site: TALLEVAST	SSOW#:			

Analysis Requested

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)										Special Instructions/Note:
Preservation Code:							X	X	A	A										
MW-76	8/23/16	13:00	FS	GW	-	-	N	N	X	X										
MW-80	8/23/16	14:27	FS	GW	-	-	N	N	X	X										
MW-80 (DUP)	8/23/16	14:37	FD	GW	-	-	N	N	X	X										
MW-80 (MS)	8/23/16	14:47	FS	GW	-	-	N	Y	X	X										
MW-80 (MSD)	8/23/16	14:57	FD	GW	-	-	N	Y	X	X										
MW-84	8/24/16	8:10	FS	GW	-	-	N	N	X	X										
MW-162	8/22/16	11:10	FS	GW	-	-	N	N	X	X										
MW-164	8/22/16	12:00	FS	GW	-	-	N	N	X	X										
MW-233	8/22/16	12:52	FS	GW	-	-	N	N	X	X										
MW-253	8/23/16	10:00	FS	GW	-	-	N	N	X	X										
BLANK-39	8/23/16	13:12	EB	WO	-	-	N	N	X	X										
BLANK-40	8/23/16	14:05	EB	WO	-	-	N	N	X	X										

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by: Kristin Southers Date: 08/03/16 Time: 12:00 Method of Shipment: TestAmerica Courier (both delivery and pickup)

	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	08/24/16@ 10:45	AECOM		8-24-16@1105	TPA
Relinquished by:	8-24-16@1500	TPA	Received by:	8/24/16 1500	TA TPA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No | Custody Seal No.: | Cooler temperature and other remarks: 2.2/2.3 - CU-09

9/6/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com	
Company: AECOM			
Address: 1600 Tallevast Road	Due Date Requested: 9/7/16		
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 8 Day		
Phone: 941-351-7959	PO # : 73752ACM		
Email: darrin.johnson@aecom.com	WO #: 60507317.02		
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Annual Groundwater Monitoring	Project #: 66006091		
Site: TALLEVAST	SSOW#:		

COC No: 660-70145-22323
Page: Page 1 of 3
Job #:

Analysis Requested

Matrix Codes:
SD - SEDIMENT SG - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Loc: 660 75781

660-75781 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)							Special Instructions/Note.
Preservation Code:									A	A							
EW-UAFG-1	8/25/16	14:05	FS	GW	-	-	N	N	X	X							
MW-8D	8/25/16	14:45	FS	GW	-	-	N	N	X	X							
MW-9D	8/24/16	9:30	FS	GW	-	-	N	N	X	X							
MW-30	8/24/16	8:30	FS	GW	-	-	N	N	X	X							
MW-33	8/24/16	13:47	FS	GW	-	-	N	N	X	X							
MW-41	8/25/16	9:48	FS	GW	-	-	N	N	X	X							
MW-57	8/26/16	8:55	FS	GW	-	-	N	N	X	X							
MW-58	8/25/16	9:01	FS	GW	-	-	N	N	X	X							
MW-67	8/24/16	9:45	FS	GW	-	-	N	N	X	X							
MW-70	8/26/16	8:45	FS	GW	-	-	N	N	X	X							
MW-71	8/25/16	15:15	FS	GW	-	-	N	N	X	X							
MW-78	8/24/16	9:05	FS	GW	-	-	N	N	X	X							
MW-81	8/24/16	9:00	FS	GW	-	-	N	N	X	X							
MW-86R	8/24/16	11:01	FS	GW	-	-	N	N	X	X							
MW-110R	8/24/16	12:00	FS	GW	-	-	N	N	X	X							

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client — Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by: Kristin Southors Date: 08/03/16 Time: 12:00 Method of Shipment: TestAmerica Courier (both delivery and pickup)

	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	08/26/16 @ 1415	AECOM		8-26-16 @ 1415	TAT TBA
Relinquished by:	8-26-16 @ 1530	TAT TBA		8/26/16 1530	TA TBA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C=ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No Custody Seal No.:

Cooler temperature and other remarks: 4.4/4.5 cw-09

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 680-70145-22323
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 2 of 3
Company: AECOM				Job #
Address: 1600 Tallevast Road	Due Date Requested: 9/7/16			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 8 Day			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60507317.02			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Annual Groundwater Monitoring	Project #: 66006091			
Site: TALLEVAST	SSOW#:			

Analysis Requested

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
Preservation Code:									A	A	
MW-127	8/26/16	7:59	FS	GW	-	-	N	N	X	X	
MW-128	8/25/16	10:51	FS	GW	-	-	N	N	X	X	
MW-128 (DUP)	8/25/16	10:55	FD	GW	-	-	N	N	X	X	
MW-128 (MS)	8/25/16	10:59	FS	GW	-	-	N	Y	X	X	
MW-128 (MSD)	8/25/16	11:04	FD	GW	-	-	N	Y	X	X	
MW-129	8/25/16	9:50	FS	GW	-	-	N	N	X	X	
MW-130	8/26/16	8:15	FS	GW	-	-	N	N	X	X	
MW-134	8/24/16	10:54	FS	GW	-	-	N	N	X	X	
MW-134 (DUP)	8/24/16	10:59	FD	GW	-	-	N	N	X	X	
MW-134 (MS)	8/24/16	11:05	FS	GW	-	-	N	Y	X	X	
MW-134 (MSD)	8/24/16	11:10	FD	GW	-	-	N	Y	X	X	
MW-252	8/25/16	11:15	FS	GW	-	-	N	N	X	X	
PZ-LSAS-1	8/25/16	13:20	FS	GW	-	-	N	N	X	X	
PZ-LSAS-2	8/25/16	12:35	FS	GW	-	-	N	N	X	X	
PZ-LSAS-4	8/25/16	14:45	FS	GW	-	-	N	N	X	X	

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by: Kristin Southers	Date: 08/03/16	Time: 12:00	Method of Shipment: TestAmerica Courier (both delivery and pickup)

	Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
1		8/26/16@1415	AECOM		8-26-16@1415	TA TPA
2		8-26-16@1530	TA TPA		8/26/16 1530	TA TPA
3		Date/Time:	Company	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: ___ Yes ___ No | Custody Seal No.: | Cooler temperature and other remarks: 4.4/4.5 cj-09

9/6/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-70145-22323
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 3 of 3
Company: AECOM				Job #:
Address: 1600 Tallevast Road	Due Date Requested: 9/7/16			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 8 Day			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60507317.02			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc) Annual Groundwater Monitoring	Project #: 66006091			
Site: TALLEVAST	SSOW#:			

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Spilt

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested: 8260 (Full List)	Analysis Requested: 8260 (1,4 - Dioxane)	Special Instructions/Note:
			Preservation Code:				X	X	A	A	
PZ-LSAS-5	8/25/16	13:40	FS	GW	-	-	N	N	X	X	
PZ-LSAS-6	8/25/16	13:00	FS	GW	-	-	N	N	X	X	
PZ-LSAS-7	8/25/16	12:14	FS	GW	-	-	N	N	X	X	
BLANK-42	8/24/16	10:20	EB	WO	-	-	N	N	X	X	
BLANK-43	8/25/16	10:23	EB	WO	-	-	N	N	X	X	

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
____ Return To Client ---- Disposal By Lab ____ Archive For __ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by: Kristin Southers | Date: 08/03/16 | Time: 12:00 | Method of Shipment: TestAmerica Courier (both delivery and pickup)

	Date/Time	Company		Date/Time	Company
Relinquished by:	08/26/16 @ 1415	AECOM	Received by:	8-26-16 @ 1415	TA TPA
Relinquished by:	8-26-16 @ 1415	TA TPA	Received by:	8/26/16 1550	TA TPA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact ___Yes ___No | Custody Seal No.: | Cooler temperature and other remarks: 4.4/4.5 on-ice

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee, ~~Mader Parsotan~~ & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com	
Company: AECOM			
Address: 1600 Tallevast Road	Due Date Requested: 9/7/16		
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 3 Day		
Phone: 941-351-7959	PO # : 73752ACM		
Email: darrin.johnson@aecom.com	WO #: 60507317.02		
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) Annual Groundwater Monitoring	Project #: 66006091		
Site: TALLEVAST	SSOW#:		

COC No: 660-70145-22323
Page: Page 1 of 1
Job #:

Analysis Requested

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LQ - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 (Full List)	8260 (1,4 - Dioxane)	Special Instructions/Note:
Preservation Code:									A	A	
MW-11R	8/29/16	13:54	FS	GW	-	-	N	N	X	X	
MW-19	8/29/16	13:01	FS	GW	-	-	N	N	X	X	
MW-32	8/29/16	14:47	FS	GW	-	-	N	N	X	X	
MW-36	8/30/16	7:17	FS	GW	-	-	N	N	X	X	
MW-38	8/30/16	7:50	FS	GW	-	-	N	N	X	X	
MW-40	8/30/16	8:22	FS	GW	-	-	N	N	X	X	
MW-254	8/29/16	14:18	FS	GW	-	-	N	N	X	X	

660-75814 Chain of Custody

Loc: 660
75814

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by: Kristin Southers Date: 08/03/16 Time: 12.00 Method of Shipment: TestAmerica Courier (both delivery and pickup)

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	08/30/16 09:00	AECOM		8-31-16	TAT
Relinquished by:	8-31-16 10:30	TAT		8/31/16 1030	TA TPA
Relinquished by:					

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No
Custody Seal No.:
Cooler temperature and other remarks: 2-8/2.9 cu-09

Page 579 of 587

9/6/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75488-1

Login Number: 75488
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75488-1

Login Number: 75524
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75488-1

Login Number: 75655
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75488-1

Login Number: 75664
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75488-1

Login Number: 75747
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75488-1

Login Number: 75781
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75488-1

Login Number: 75814
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-75669-1
Client Project/Site: Tallevast Process Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
8/26/2016 11:35:19 AM

Haukur Gudnason, Project Manager II
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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-75669-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-75669-1

Comments
No additional comments.

Receipt
The samples were received on 8/22/2016 1:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch <173103> recovered outside control limits for the following analyte: <bromomethane>.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

HPLC/IC
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method(s) SM 2540C: In analytical batch 660-173097, the following samples had TDS/conductivity ratio above 0.95.

TGE (660-75669-8) and (660-75669-A-8 DU), RO Perm (660-75669-9)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-75669-1	AOP Feed	Water	08/22/16 09:00	08/22/16 13:50
660-75669-2	AOP-A Eff	Water	08/22/16 09:05	08/22/16 13:50
660-75669-3	AOP-B Eff	Water	08/22/16 09:10	08/22/16 13:50
660-75669-4	AOP-C Eff	Water	08/22/16 09:15	08/22/16 13:50
660-75669-5	PGE	Water	08/22/16 09:20	08/22/16 13:50
660-75669-6	SGE	Water	08/22/16 09:25	08/22/16 13:50
660-75669-7	Combined Inf	Water	08/22/16 09:30	08/22/16 13:50
660-75669-8	TGE	Water	08/22/16 09:35	08/22/16 13:50
660-75669-9	RO Perm	Water	08/22/16 09:40	08/22/16 13:50
660-75669-10	Comb AOP Effluent	Water	08/22/16 09:50	08/22/16 13:50

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
5310 B-2011	Organic Carbon, Total (TOC)	SM	TAL SAV
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858
TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

General Chemistry

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-75669-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	7.1		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	12		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	5.8		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	9.6		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	0.94	I	1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	41		2.0	1.0	ug/L	1		8260C SIM	Total/NA
Total Organic Carbon	4.5		1.0	0.50	mg/L	1		5310 B-2011	Total/NA

Client Sample ID: AOP-A Eff — Lab Sample ID: 660-75669-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.8		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-B Eff — Lab Sample ID: 660-75669-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.7		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: AOP-C Eff — Lab Sample ID: 660-75669-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	1.1	I	2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-75669-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.0		1.0	0.52	ug/L	1		8260B	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-75669-6

No Detections.

Client Sample ID: Combined Inf — Lab Sample ID: 660-75669-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	5.6		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	16		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	11		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	15		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	3.1		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	47		2.0	1.0	ug/L	1		8260C SIM	Total/NA
Total Organic Carbon	5.2		1.0	0.50	mg/L	1		5310 B-2011	Total/NA

Client Sample ID: TGE — Lab Sample ID: 660-75669-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	470		5.0	5.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: RO Perm — Lab Sample ID: 660-75669-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	12		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Comb AOP Effluent — Lab Sample ID: 660-75669-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Date Collected: 08/22/16 09:00
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.4		1.0	0.52	ug/L			08/23/16 12:54	1
1,1-Dichloroethene	7.1		1.0	0.67	ug/L			08/23/16 12:54	1
cis-1,2-Dichloroethene	12		1.0	0.65	ug/L			08/23/16 12:54	1
Tetrachloroethene	5.8		1.0	0.50	ug/L			08/23/16 12:54	1
Trichloroethene	9.6		1.0	0.61	ug/L			08/23/16 12:54	1
Vinyl chloride	0.94	I	1.0	0.71	ug/L			08/23/16 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/23/16 12:54*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/23/16 12:54*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/23/16 12:54*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	41		2.0	1.0	ug/L			08/24/16 13:42	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.5		1.0	0.50	mg/L			08/23/16 17:46	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: AOP-A Eff

Date Collected: 08/22/16 09:05
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**2.8**		1.0	0.52	ug/L			08/23/16 10:04	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/23/16 10:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/16 10:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/16 10:04	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/23/16 10:04	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/23/16 10:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/23/16 10:04*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/23/16 10:04*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/23/16 10:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/23/16 11:31	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: AOP-B Eff

Date Collected: 08/22/16 09:10
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**2.7**		1.0	0.52	ug/L			08/23/16 10:42	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/23/16 10:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/16 10:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/16 10:42	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/23/16 10:42	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/23/16 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/23/16 10:42*	*1*
Dibromofluoromethane	*98*		*70 - 130*		*08/23/16 10:42*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/23/16 10:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/23/16 12:47	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: AOP-C Eff

Date Collected: 08/22/16 09:15
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**2.8**		1.0	0.52	ug/L			08/23/16 11:58	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/23/16 11:58	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/16 11:58	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/16 11:58	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/23/16 11:58	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/23/16 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/23/16 11:58*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/23/16 11:58*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/23/16 11:58*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.1**	**I**	2.0	1.0	ug/L			08/24/16 12:06	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: PGE
Date Collected: 08/22/16 09:20
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**3.0**		1.0	0.52	ug/L			08/23/16 12:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/23/16 12:16	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/16 12:16	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/16 12:16	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/23/16 12:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/23/16 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/23/16 12:16*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/23/16 12:16*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/23/16 12:16*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/24/16 12:27	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: SGE
Date Collected: 08/22/16 09:25
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/16 12:35	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/23/16 12:35	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/16 12:35	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/16 12:35	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/23/16 12:35	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/23/16 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/23/16 12:35*	*1*
Dibromofluoromethane	*95*		*70 - 130*		*08/23/16 12:35*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/23/16 12:35*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/24/16 12:46	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: Combined Inf
Date Collected: 08/22/16 09:30
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/23/16 13:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/16 13:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/23/16 13:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/23/16 13:13	1
Bromomethane	2.5	U J3	5.0	2.5	ug/L			08/23/16 13:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/23/16 13:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/16 13:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/23/16 13:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/16 13:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/23/16 13:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/23/16 13:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/16 13:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/23/16 13:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/16 13:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/23/16 13:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/23/16 13:13	1
cis-1,2-Dichloroethene	**15**		1.0	0.65	ug/L			08/23/16 13:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/23/16 13:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/23/16 13:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/23/16 13:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/23/16 13:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/23/16 13:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/23/16 13:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/23/16 13:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/23/16 13:13	1
1,1-Dichloroethane	**5.6**		1.0	0.52	ug/L			08/23/16 13:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/16 13:13	1
1,1-Dichloroethene	**16**		1.0	0.67	ug/L			08/23/16 13:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/16 13:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/23/16 13:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/23/16 13:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/23/16 13:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/16 13:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/23/16 13:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/23/16 13:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/16 13:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/23/16 13:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/23/16 13:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/23/16 13:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/23/16 13:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/23/16 13:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/23/16 13:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/23/16 13:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/23/16 13:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/23/16 13:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/23/16 13:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/23/16 13:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/16 13:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/23/16 13:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: Combined Inf
Date Collected: 08/22/16 09:30
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/16 13:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/23/16 13:13	1
Tetrachloroethene	**11**		1.0	0.50	ug/L			08/23/16 13:13	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/16 13:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/23/16 13:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/23/16 13:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/23/16 13:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/23/16 13:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/16 13:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/16 13:13	1
Trichloroethene	**15**		1.0	0.61	ug/L			08/23/16 13:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/16 13:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/23/16 13:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/23/16 13:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/23/16 13:13	1
Vinyl chloride	**3.1**		1.0	0.71	ug/L			08/23/16 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/23/16 13:13*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*08/23/16 13:13*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/23/16 13:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**47**		2.0	1.0	ug/L			08/24/16 14:02	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**5.2**		1.0	0.50	mg/L			08/23/16 18:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: TGE
Date Collected: 08/22/16 09:35
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-8
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	470		5.0	5.0	mg/L			08/22/16 18:23	1

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: RO Perm
Date Collected: 08/22/16 09:40
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-9
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/24/16 13:23	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	12		5.0	5.0	mg/L			08/24/16 19:17	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: Comb AOP Effluent
Lab Sample ID: 660-75669-10
Date Collected: 08/22/16 09:50
Matrix: Water
Date Received: 08/22/16 13:50

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/24/16 13:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-173103/6
Matrix: Water
Analysis Batch: 173103

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/23/16 09:16	1
Benzene	0.50	U	1.0	0.50	ug/L			08/23/16 09:16	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/23/16 09:16	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/23/16 09:16	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/23/16 09:16	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/23/16 09:16	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/23/16 09:16	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/23/16 09:16	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/23/16 09:16	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/23/16 09:16	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/23/16 09:16	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/23/16 09:16	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/23/16 09:16	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/23/16 09:16	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/23/16 09:16	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/23/16 09:16	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/23/16 09:16	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/23/16 09:16	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/23/16 09:16	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/23/16 09:16	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/23/16 09:16	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/23/16 09:16	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/23/16 09:16	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/23/16 09:16	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/23/16 09:16	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/23/16 09:16	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/23/16 09:16	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/23/16 09:16	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/23/16 09:16	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/23/16 09:16	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/23/16 09:16	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/23/16 09:16	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/23/16 09:16	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/23/16 09:16	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/23/16 09:16	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/23/16 09:16	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/23/16 09:16	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/23/16 09:16	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/23/16 09:16	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/23/16 09:16	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/23/16 09:16	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/23/16 09:16	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/23/16 09:16	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/23/16 09:16	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/23/16 09:16	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/23/16 09:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/23/16 09:16	1
Styrene	0.98	U	2.0	0.98	ug/L			08/23/16 09:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-173103/6
Matrix: Water
Analysis Batch: 173103

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/23/16 09:16	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/23/16 09:16	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/23/16 09:16	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/23/16 09:16	1
Toluene	0.51	U	1.0	0.51	ug/L			08/23/16 09:16	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/23/16 09:16	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/23/16 09:16	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/23/16 09:16	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/23/16 09:16	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/16 09:16	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/23/16 09:16	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/23/16 09:16	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/23/16 09:16	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/23/16 09:16	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/23/16 09:16	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/23/16 09:16	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/23/16 09:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/23/16 09:16*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*08/23/16 09:16*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/23/16 09:16*	*1*

Lab Sample ID: LCS 660-173103/4
Matrix: Water
Analysis Batch: 173103

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	98.2		ug/L		98	62 - 142
Benzene	10.0	9.78		ug/L		98	68 - 134
Bromobenzene	10.0	10.2		ug/L		102	70 - 130
Bromoform	10.0	8.47		ug/L		85	65 - 130
Bromomethane	10.0	13.6		ug/L		136	22 - 150
2-Butanone (MEK)	100	92.5		ug/L		92	63 - 140
Carbon disulfide	10.0	9.75		ug/L		98	30 - 150
Carbon tetrachloride	10.0	9.71		ug/L		97	61 - 134
Chlorobenzene	10.0	10.0		ug/L		100	70 - 130
Chlorobromomethane	10.0	10.0		ug/L		100	70 - 130
Chlorodibromomethane	10.0	8.64		ug/L		86	70 - 130
Chloroethane	10.0	9.50		ug/L		95	39 - 150
Chloroform	10.0	10.2		ug/L		102	68 - 130
Chloromethane	10.0	10.5		ug/L		105	35 - 150
2-Chlorotoluene	10.0	10.1		ug/L		101	70 - 130
4-Chlorotoluene	10.0	10.2		ug/L		102	70 - 130
cis-1,2-Dichloroethene	10.0	10.2		ug/L		102	66 - 130
cis-1,3-Dichloropropene	10.0	9.29		ug/L		93	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.33		ug/L		83	63 - 130
Dibromomethane	10.0	9.36		ug/L		94	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173103/4
Matrix: Water
Analysis Batch: 173103

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	11.0		ug/L		110	70 - 130
1,3-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130
1,4-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130
Dichlorobromomethane	10.0	9.38		ug/L		94	70 - 130
Dichlorodifluoromethane	10.0	9.71		ug/L		97	16 - 149
1,1-Dichloroethane	10.0	10.3		ug/L		103	66 - 130
1,2-Dichloroethane	10.0	9.73		ug/L		97	70 - 130
1,1-Dichloroethene	10.0	10.8		ug/L		108	51 - 150
1,2-Dichloropropane	10.0	9.33		ug/L		93	70 - 130
1,3-Dichloropropane	10.0	9.26		ug/L		93	70 - 130
2,2-Dichloropropane	10.0	9.93		ug/L		99	66 - 134
1,1-Dichloropropene	10.0	10.1		ug/L		101	65 - 136
Ethylbenzene	10.0	10.5		ug/L		105	70 - 130
Ethylene Dibromide	10.0	9.48		ug/L		95	66 - 130
Hexachlorobutadiene	10.0	11.5		ug/L		115	62 - 143
2-Hexanone	100	88.4		ug/L		88	60 - 148
Isopropylbenzene	10.0	10.4		ug/L		104	62 - 130
4-Isopropyltoluene	10.0	10.4		ug/L		104	65 - 134
Methylene Chloride	10.0	12.6		ug/L		126	57 - 130
4-Methyl-2-pentanone (MIBK)	100	91.3		ug/L		91	64 - 137
Methyl tert-butyl ether	10.0	9.76		ug/L		98	67 - 130
Naphthalene	10.0	10.1		ug/L		101	50 - 136
n-Butylbenzene	10.0	11.1		ug/L		111	61 - 131
N-Propylbenzene	10.0	10.4		ug/L		104	67 - 130
o-Xylene	10.0	10.0		ug/L		100	69 - 130
sec-Butylbenzene	10.0	10.4		ug/L		104	68 - 133
Styrene	10.0	10.2		ug/L		102	68 - 131
tert-Butylbenzene	10.0	10.2		ug/L		102	64 - 130
1,1,1,2-Tetrachloroethane	10.0	9.77		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.46		ug/L		95	70 - 130
Tetrachloroethene	10.0	9.82		ug/L		98	50 - 143
Toluene	10.0	9.39		ug/L		94	70 - 131
trans-1,2-Dichloroethene	10.0	10.7		ug/L		107	62 - 139
trans-1,3-Dichloropropene	10.0	7.86		ug/L		79	67 - 130
1,2,3-Trichlorobenzene	10.0	10.4		ug/L		104	58 - 132
1,2,4-Trichlorobenzene	10.0	11.0		ug/L		110	66 - 130
1,1,1-Trichloroethane	10.0	9.75		ug/L		97	63 - 132
1,1,2-Trichloroethane	10.0	8.91		ug/L		89	70 - 130
Trichloroethene	10.0	10.0		ug/L		100	63 - 139
Trichlorofluoromethane	10.0	11.0		ug/L		110	62 - 146
1,2,3-Trichloropropane	10.0	10.1		ug/L		101	66 - 130
1,2,4-Trimethylbenzene	10.0	10.3		ug/L		103	70 - 132
1,3,5-Trimethylbenzene	10.0	10.2		ug/L		102	65 - 134
Vinyl chloride	10.0	10.9		ug/L		109	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173103/4
Matrix: Water
Analysis Batch: 173103

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: LCSD 660-173103/11
Matrix: Water
Analysis Batch: 173103

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	107		ug/L		107	62 - 142	9	30
Benzene			10.0	10.4		ug/L		104	68 - 134	6	30
Bromobenzene			10.0	10.6		ug/L		106	70 - 130	4	30
Bromoform			10.0	9.81		ug/L		98	65 - 130	15	30
Bromomethane			10.0	9.79	J3	ug/L		98	22 - 150	33	30
2-Butanone (MEK)			100	107		ug/L		107	63 - 140	14	30
Carbon disulfide			10.0	9.33		ug/L		93	30 - 150	4	30
Carbon tetrachloride			10.0	10.1		ug/L		101	61 - 134	4	30
Chlorobenzene			10.0	10.4		ug/L		104	70 - 130	4	30
Chlorobromomethane			10.0	10.9		ug/L		109	70 - 130	8	30
Chlorodibromomethane			10.0	9.97		ug/L		100	70 - 130	14	30
Chloroethane			10.0	9.38		ug/L		94	39 - 150	1	30
Chloroform			10.0	10.6		ug/L		106	68 - 130	4	30
Chloromethane			10.0	11.7		ug/L		117	35 - 150	11	30
2-Chlorotoluene			10.0	10.4		ug/L		104	70 - 130	3	30
4-Chlorotoluene			10.0	10.4		ug/L		104	70 - 130	2	30
cis-1,2-Dichloroethene			10.0	10.7		ug/L		107	66 - 130	4	30
cis-1,3-Dichloropropene			10.0	10.6		ug/L		106	70 - 130	13	30
1,2-Dibromo-3-Chloropropane			10.0	7.95		ug/L		79	63 - 130	5	30
Dibromomethane			10.0	10.2		ug/L		102	70 - 130	9	30
1,2-Dichlorobenzene			10.0	10.9		ug/L		109	70 - 130	1	30
1,3-Dichlorobenzene			10.0	10.3		ug/L		103	70 - 130	0	30
1,4-Dichlorobenzene			10.0	10.9		ug/L		109	70 - 130	6	30
Dichlorobromomethane			10.0	9.80		ug/L		98	70 - 130	4	30
Dichlorodifluoromethane			10.0	9.28		ug/L		93	16 - 149	5	30
1,1-Dichloroethane			10.0	10.5		ug/L		105	66 - 130	1	30
1,2-Dichloroethane			10.0	10.3		ug/L		103	70 - 130	6	30
1,1-Dichloroethene			10.0	10.2		ug/L		102	51 - 150	6	30
1,2-Dichloropropane			10.0	10.1		ug/L		101	70 - 130	8	30
1,3-Dichloropropane			10.0	11.4		ug/L		114	70 - 130	21	30
2,2-Dichloropropane			10.0	10.1		ug/L		101	66 - 134	2	30
1,1-Dichloropropene			10.0	10.5		ug/L		105	65 - 136	3	30
Ethylbenzene			10.0	10.6		ug/L		106	70 - 130	1	30
Ethylene Dibromide			10.0	11.7		ug/L		117	66 - 130	21	30
Hexachlorobutadiene			10.0	10.6		ug/L		106	62 - 143	8	30
2-Hexanone			100	111		ug/L		111	60 - 148	22	30
Isopropylbenzene			10.0	10.6		ug/L		106	62 - 130	2	30
4-Isopropyltoluene			10.0	10.5		ug/L		105	65 - 134	0	30
Methylene Chloride			10.0	12.3		ug/L		123	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)			100	110		ug/L		110	64 - 137	19	30
Methyl tert-butyl ether			10.0	10.7		ug/L		107	67 - 130	9	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-173103/11
Matrix: Water
Analysis Batch: 173103

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	10.8		ug/L		108	50 - 136	6	30
n-Butylbenzene			10.0	10.5		ug/L		105	61 - 131	6	30
N-Propylbenzene			10.0	10.5		ug/L		105	67 - 130	1	30
o-Xylene			10.0	10.3		ug/L		103	69 - 130	3	30
sec-Butylbenzene			10.0	10.5		ug/L		105	68 - 133	1	30
Styrene			10.0	10.4		ug/L		104	68 - 131	2	30
tert-Butylbenzene			10.0	10.4		ug/L		104	64 - 130	2	30
1,1,1,2-Tetrachloroethane			10.0	10.0		ug/L		100	70 - 130	3	30
1,1,2,2-Tetrachloroethane			10.0	10.7		ug/L		107	70 - 130	12	30
Tetrachloroethene			10.0	11.1		ug/L		111	50 - 143	12	30
Toluene			10.0	11.0		ug/L		110	70 - 131	15	30
trans-1,2-Dichloroethene			10.0	10.7		ug/L		107	62 - 139	1	30
trans-1,3-Dichloropropene			10.0	8.92		ug/L		89	67 - 130	13	30
1,2,3-Trichlorobenzene			10.0	10.6		ug/L		106	58 - 132	1	30
1,2,4-Trichlorobenzene			10.0	10.7		ug/L		107	66 - 130	3	30
1,1,1-Trichloroethane			10.0	10.5		ug/L		105	63 - 132	7	30
1,1,2-Trichloroethane			10.0	11.1		ug/L		111	70 - 130	22	30
Trichloroethene			10.0	10.6		ug/L		106	63 - 139	5	30
Trichlorofluoromethane			10.0	11.3		ug/L		113	62 - 146	2	30
1,2,3-Trichloropropane			10.0	11.2		ug/L		112	66 - 130	10	30
1,2,4-Trimethylbenzene			10.0	10.6		ug/L		106	70 - 132	3	30
1,3,5-Trimethylbenzene			10.0	10.6		ug/L		106	65 - 134	4	30
Vinyl chloride			10.0	11.1		ug/L		111	48 - 147	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 660-75669-3 MS
Matrix: Water
Analysis Batch: 173103

Client Sample ID: AOP-B Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20		100	128		ug/L		108	62 - 142
Benzene	0.50	U	10.0	11.3		ug/L		113	68 - 134
Bromobenzene	0.58	U	10.0	11.5		ug/L		115	70 - 130
Bromoform	0.63	U	10.0	9.76		ug/L		98	65 - 130
Bromomethane	2.5	U J3	10.0	8.77		ug/L		88	22 - 150
2-Butanone (MEK)	8.4	U	100	109		ug/L		109	63 - 140
Carbon disulfide	1.0	U	10.0	10.3		ug/L		103	30 - 150
Carbon tetrachloride	0.43	U	10.0	11.4		ug/L		114	61 - 134
Chlorobenzene	0.63	U	10.0	11.0		ug/L		110	70 - 130
Chlorobromomethane	0.58	U	10.0	10.8		ug/L		108	70 - 130
Chlorodibromomethane	0.31	U	10.0	10.2		ug/L		102	70 - 130
Chloroethane	2.5	U	10.0	9.85		ug/L		99	39 - 150
Chloroform	0.90	U	10.0	11.8		ug/L		118	68 - 130
Chloromethane	1.0	U	10.0	11.2		ug/L		112	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75669-3 MS
Matrix: Water
Analysis Batch: 173103

Client Sample ID: AOP-B Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	11.2		ug/L		112	70 - 130
4-Chlorotoluene	0.52	U	10.0	11.4		ug/L		114	70 - 130
cis-1,2-Dichloroethene	0.65	U	10.0	11.4		ug/L		114	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	11.6		ug/L		116	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.79		ug/L		88	63 - 130
Dibromomethane	0.46	U	10.0	10.6		ug/L		106	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	11.5		ug/L		115	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	11.1		ug/L		111	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	11.3		ug/L		113	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.9		ug/L		109	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	11.3		ug/L		113	16 - 149
1,1-Dichloroethane	2.7		10.0	14.0		ug/L		113	66 - 130
1,2-Dichloroethane	0.57	U	10.0	11.0		ug/L		110	70 - 130
1,1-Dichloroethene	0.67	U	10.0	11.9		ug/L		119	51 - 150
1,2-Dichloropropane	0.52	U	10.0	11.1		ug/L		111	70 - 130
1,3-Dichloropropane	0.42	U	10.0	11.6		ug/L		116	70 - 130
2,2-Dichloropropane	0.36	U	10.0	11.1		ug/L		111	66 - 134
1,1-Dichloropropene	0.65	U	10.0	11.5		ug/L		115	65 - 136
Ethylbenzene	0.44	U	10.0	11.5		ug/L		115	70 - 130
Ethylene Dibromide	0.50	U	10.0	11.6		ug/L		116	66 - 130
Hexachlorobutadiene	0.34	U	10.0	11.9		ug/L		119	62 - 143
2-Hexanone	4.4	U	100	114		ug/L		114	60 - 148
Isopropylbenzene	0.52	U	10.0	12.0		ug/L		120	62 - 130
4-Isopropyltoluene	0.69	U	10.0	11.8		ug/L		118	65 - 134
Methylene Chloride	5.0	U	10.0	11.5		ug/L		115	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	115		ug/L		115	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	10.8		ug/L		108	67 - 130
Naphthalene	2.5	U	10.0	10.6		ug/L		106	50 - 136
n-Butylbenzene	0.67	U	10.0	11.6		ug/L		116	61 - 131
N-Propylbenzene	0.59	U	10.0	11.7		ug/L		117	67 - 130
o-Xylene	0.50	U	10.0	11.3		ug/L		113	69 - 130
sec-Butylbenzene	0.63	U	10.0	12.0		ug/L		120	68 - 133
Styrene	0.98	U	10.0	11.1		ug/L		111	68 - 131
tert-Butylbenzene	0.84	U	10.0	11.5		ug/L		115	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	10.9		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	11.0		ug/L		110	70 - 130
Tetrachloroethene	0.50	U	10.0	12.3		ug/L		123	50 - 143
Toluene	0.51	U	10.0	11.8		ug/L		118	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	12.1		ug/L		121	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	9.32		ug/L		93	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	10.8		ug/L		108	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	11.1		ug/L		111	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	11.5		ug/L		115	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	11.0		ug/L		110	70 - 130
Trichloroethene	0.61	U	10.0	11.6		ug/L		116	63 - 139
Trichlorofluoromethane	2.5	U	10.0	12.3		ug/L		123	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	11.7		ug/L		117	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	11.3		ug/L		113	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75669-3 MS
Matrix: Water
Analysis Batch: 173103

Client Sample ID: AOP-B Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	11.7		ug/L		117	65 - 134
Vinyl chloride	0.71	U	10.0	10.8		ug/L		108	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: 660-75669-2 DU
Matrix: Water
Analysis Batch: 173103

Client Sample ID: AOP-A Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	19	I	19.6	I	ug/L		5	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U J3	2.5	U J3	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	2.8		3.02		ug/L		6	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-75669-2 DU
Matrix: Water
Analysis Batch: 173103

Client Sample ID: AOP-A Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-173107/7
Matrix: Water
Analysis Batch: 173107

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/23/16 09:54	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-173107/4
Matrix: Water
Analysis Batch: 173107

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	7.77		ug/L		78	50 - 150		

Lab Sample ID: LCSD 660-173107/5
Matrix: Water
Analysis Batch: 173107

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	9.00		ug/L		90	50 - 150	15	50

Lab Sample ID: 660-75669-2 MS
Matrix: Water
Analysis Batch: 173107

Client Sample ID: AOP-A Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	6.91		ug/L		69	50 - 150		

Lab Sample ID: 660-75669-2 MSD
Matrix: Water
Analysis Batch: 173107

Client Sample ID: AOP-A Eff
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	6.51		ug/L		65	50 - 150	6	50

Lab Sample ID: MB 660-173151/7
Matrix: Water
Analysis Batch: 173151

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/24/16 10:14	1

Lab Sample ID: LCS 660-173151/4
Matrix: Water
Analysis Batch: 173151

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			10.0	8.21		ug/L		82	50 - 150		

Lab Sample ID: LCSD 660-173151/5
Matrix: Water
Analysis Batch: 173151

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	9.11		ug/L		91	50 - 150	10	50

Lab Sample ID: 660-75655-B-1 MS
Matrix: Water
Analysis Batch: 173151

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	1.0	U	10.0	6.33		ug/L		63	50 - 150		

Lab Sample ID: 660-75655-B-1 MSD
Matrix: Water
Analysis Batch: 173151

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.0	U	10.0	9.32		ug/L		93	50 - 150	38	50

Method: 5310 B-2011 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-447068/2
Matrix: Water
Analysis Batch: 447068

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.50	U	1.0	0.50	mg/L			08/23/16 16:49	1

Lab Sample ID: LCS 680-447068/3
Matrix: Water
Analysis Batch: 447068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	20.0	20.1		mg/L		100	80 - 120
TOC Result 1	20.0	20.2		mg/L		101	80 - 120
TOC Result 2	20.0	20.1		mg/L		100	80 - 120
TOC Result 3	20.0	20.0		mg/L		100	80 - 120

Lab Sample ID: LCSD 680-447068/4
Matrix: Water
Analysis Batch: 447068

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	20.0	20.1		mg/L		100	80 - 120	0	25
TOC Result 1	20.0	20.0		mg/L		100	80 - 120	1	25
TOC Result 2	20.0	20.0		mg/L		100	80 - 120	0	25
TOC Result 3	20.0	20.2		mg/L		101	80 - 120	1	25

Lab Sample ID: 660-75669-1 MS
Matrix: Water
Analysis Batch: 447068

Client Sample ID: AOP Feed
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	4.5		20.0	24.7		mg/L		101	80 - 120
TOC Result 1	4.6		20.0	24.7		mg/L		101	80 - 120
TOC Result 2	4.5		20.0	24.5		mg/L		100	80 - 120
TOC Result 3	4.5		20.0	24.8		mg/L		101	80 - 120

Lab Sample ID: 660-75669-1 MSD
Matrix: Water
Analysis Batch: 447068

Client Sample ID: AOP Feed
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	4.5		20.0	24.6		mg/L		100	80 - 120	0	25
TOC Result 1	4.6		20.0	24.7		mg/L		101	80 - 120	0	25
TOC Result 2	4.5		20.0	24.6		mg/L		100	80 - 120	0	25
TOC Result 3	4.5		20.0	24.6		mg/L		100	80 - 120	1	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 660-173097/1
Matrix: Water
Analysis Batch: 173097

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			08/22/16 18:23	1

Lab Sample ID: LCS 660-173097/2
Matrix: Water
Analysis Batch: 173097

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9410		mg/L		94	80 - 120

Lab Sample ID: 660-75669-8 DU
Matrix: Water
Analysis Batch: 173097

Client Sample ID: TGE
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	470		472		mg/L		0.4	20

Lab Sample ID: MB 660-173182/1
Matrix: Water
Analysis Batch: 173182

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			08/24/16 19:17	1

Lab Sample ID: LCS 660-173182/2
Matrix: Water
Analysis Batch: 173182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9540		mg/L		95	80 - 120

Lab Sample ID: 660-75669-9 DU
Matrix: Water
Analysis Batch: 173182

Client Sample ID: RO Perm
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	12		5.0	U	mg/L		NC	20

GC/MS VOA

Analysis Batch: 173103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75669-1	AOP Feed	Total/NA	Water	8260B	
660-75669-2	AOP-A Eff	Total/NA	Water	8260B	
660-75669-3	AOP-B Eff	Total/NA	Water	8260B	
660-75669-4	AOP-C Eff	Total/NA	Water	8260B	
660-75669-5	PGE	Total/NA	Water	8260B	
660-75669-6	SGE	Total/NA	Water	8260B	
660-75669-7	Combined Inf	Total/NA	Water	8260B	
MB 660-173103/6	Method Blank	Total/NA	Water	8260B	
LCS 660-173103/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-173103/11	Lab Control Sample Dup	Total/NA	Water	8260B	
660-75669-3 MS	AOP-B Eff	Total/NA	Water	8260B	
660-75669-2 DU	AOP-A Eff	Total/NA	Water	8260B	

Analysis Batch: 173107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75669-2	AOP-A Eff	Total/NA	Water	8260C SIM	
660-75669-3	AOP-B Eff	Total/NA	Water	8260C SIM	
MB 660-173107/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-173107/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-173107/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75669-2 MS	AOP-A Eff	Total/NA	Water	8260C SIM	
660-75669-2 MSD	AOP-A Eff	Total/NA	Water	8260C SIM	

Analysis Batch: 173151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75669-1	AOP Feed	Total/NA	Water	8260C SIM	
660-75669-4	AOP-C Eff	Total/NA	Water	8260C SIM	
660-75669-5	PGE	Total/NA	Water	8260C SIM	
660-75669-6	SGE	Total/NA	Water	8260C SIM	
660-75669-7	Combined Inf	Total/NA	Water	8260C SIM	
660-75669-9	RO Perm	Total/NA	Water	8260C SIM	
660-75669-10	Comb AOP Effluent	Total/NA	Water	8260C SIM	
MB 660-173151/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 660-173151/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-173151/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
660-75655-B-1 MS	Matrix Spike	Total/NA	Water	8260C SIM	
660-75655-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C SIM	

General Chemistry

Analysis Batch: 173097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75669-8	TGE	Total/NA	Water	SM 2540C	
MB 660-173097/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 660-173097/2	Lab Control Sample	Total/NA	Water	SM 2540C	
660-75669-8 DU	TGE	Total/NA	Water	SM 2540C	

Analysis Batch: 173182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75669-9	RO Perm	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 173182 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 660-173182/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 660-173182/2	Lab Control Sample	Total/NA	Water	SM 2540C	
660-75669-9 DU	RO Perm	Total/NA	Water	SM 2540C	

Analysis Batch: 447068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75669-1	AOP Feed	Total/NA	Water	5310 B-2011	
660-75669-7	Combined Inf	Total/NA	Water	5310 B-2011	
MB 680-447068/2	Method Blank	Total/NA	Water	5310 B-2011	
LCS 680-447068/3	Lab Control Sample	Total/NA	Water	5310 B-2011	
LCSD 680-447068/4	Lab Control Sample Dup	Total/NA	Water	5310 B-2011	
660-75669-1 MS	AOP Feed	Total/NA	Water	5310 B-2011	
660-75669-1 MSD	AOP Feed	Total/NA	Water	5310 B-2011	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: AOP Feed
Date Collected: 08/22/16 09:00
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173103	08/23/16 12:54	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173151	08/24/16 13:42	TGP	TAL TAM
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	447068	08/23/16 17:46	KLD	TAL SAV

Client Sample ID: AOP-A Eff
Date Collected: 08/22/16 09:05
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173103	08/23/16 10:04	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173107	08/23/16 11:31	TGP	TAL TAM

Client Sample ID: AOP-B Eff
Date Collected: 08/22/16 09:10
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173103	08/23/16 10:42	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173107	08/23/16 12:47	TGP	TAL TAM

Client Sample ID: AOP-C Eff
Date Collected: 08/22/16 09:15
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173103	08/23/16 11:58	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173151	08/24/16 12:06	TGP	TAL TAM

Client Sample ID: PGE
Date Collected: 08/22/16 09:20
Date Received: 08/22/16 13:50

Lab Sample ID: 660-75669-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173103	08/23/16 12:16	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173151	08/24/16 12:27	TGP	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Client Sample ID: SGE
Lab Sample ID: 660-75669-6
Date Collected: 08/22/16 09:25
Matrix: Water
Date Received: 08/22/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173103	08/23/16 12:35	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173151	08/24/16 12:46	TGP	TAL TAM

Client Sample ID: Combined Inf
Lab Sample ID: 660-75669-7
Date Collected: 08/22/16 09:30
Matrix: Water
Date Received: 08/22/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	173103	08/23/16 13:13	K1P	TAL TAM
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173151	08/24/16 14:02	TGP	TAL TAM
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	447068	08/23/16 18:29	KLD	TAL SAV

Client Sample ID: TGE
Lab Sample ID: 660-75669-8
Date Collected: 08/22/16 09:35
Matrix: Water
Date Received: 08/22/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	50 mL	50 mL	173097	08/22/16 18:23	GH1	TAL TAM

Client Sample ID: RO Perm
Lab Sample ID: 660-75669-9
Date Collected: 08/22/16 09:40
Matrix: Water
Date Received: 08/22/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173151	08/24/16 13:23	TGP	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	50 mL	173182	08/24/16 19:17	GH1	TAL TAM

Client Sample ID: Comb AOP Effluent
Lab Sample ID: 660-75669-10
Date Collected: 08/22/16 09:50
Matrix: Water
Date Received: 08/22/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	5 mL	5 mL	173151	08/24/16 13:05	TGP	TAL TAM

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-17

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-17
A2LA	ISO/IEC 17025		399.01	02-28-17
Alabama	State Program	4	41450	06-30-17
Alaska (UST)	State Program	10	UST-104	11-05-16
Arkansas DEQ	State Program	6	88-0692	01-31-17
California	State Program	9	2939	07-31-16 *
Colorado	State Program	8	N/A	12-31-16
Connecticut	State Program	1	PH-0161	03-31-17
Florida	NELAP	4	E87052	06-30-17
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	N/A	06-30-17
Georgia	State Program	4	803	06-30-17
Guam	State Program	9	15-005r	04-16-17
Hawaii	State Program	9	N/A	06-30-17
Illinois	NELAP	5	200022	11-30-16
Indiana	State Program	5	N/A	06-30-17
Iowa	State Program	7	353	06-30-17
Kentucky (DW)	State Program	4	90084	12-31-16
Kentucky (UST)	State Program	4	18	06-30-17
Kentucky (WW)	State Program	4	90084	12-31-16
Louisiana	NELAP	6	30690	06-30-17
Louisiana (DW)	NELAP	6	LA160019	12-31-16
Maine	State Program	1	GA00006	09-24-16
Maryland	State Program	3	250	12-31-16
Massachusetts	State Program	1	M-GA006	06-30-17
Michigan	State Program	5	9925	06-30-17
Mississippi	State Program	4	N/A	06-30-16 *
Nebraska	State Program	7	TestAmerica-Savannah	06-30-17
New Jersey	NELAP	2	GA769	06-30-17
New Mexico	State Program	6	N/A	06-30-17
New York	NELAP	2	10842	03-31-17
North Carolina (DW)	State Program	4	13701	07-31-17
North Carolina (WW/SW)	State Program	4	269	12-31-16
Oklahoma	State Program	6	9984	08-31-16
Pennsylvania	NELAP	3	68-00474	06-30-17
Puerto Rico	State Program	2	GA00006	12-31-16
South Carolina	State Program	4	98001	06-30-16 *
Tennessee	State Program	4	TN02961	06-30-16 *
Texas	NELAP	6	T104704185-14-7	11-30-16
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-17
Washington	State Program	10	C805	06-10-16 *
West Virginia (DW)	State Program	3	9950C	12-31-16

* Certification renewal pending - certification considered valid.

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
West Virginia DEP	State Program	3	094	08-31-16
Wisconsin	State Program	5	999819810	08-31-16
Wyoming	State Program	8	8TMS-L	06-30-16 *

* Certification renewal pending - certification considered valid.

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Darrin Johnson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No:
Client contact:	Phone:941-929-8747	E-Mail: mark.gudnason@testamericainc.com		Page: Page of
Company: AECOM				Job #:
Address: 1600 Tallevast Rd	Due Date Requested: 48 hour turn			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 48 hour turn			
Phone: 941-929-8747	PO # : Non-PO Invoice - 60313454 18.05			
Email:darrin.johnson@aecom.com	WO #			
Project Name: Process Sampling	Project #			
Site: TALLEVAST	SSOW#			

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B Site Specific	8260C SIM ID - 1,4-D	8260B - Full List	SM5310B TOC	2540C - TDS	Special Instructions/Note:
Preservation Code:							X	X						
AOP Feed	8/22/16	9:00	FS	TW			N	N	2	2		3		Int @ 163 gpm
AOP-A Eff	8/22/16	9:05	FS	TW			N	N	2	2				A @ 65 gpm
AOP-B Eff	8/22/16	9:10	FS	TW			N	N	2	2				B @ 59 gpm
AOP-C Eff	8/22/16	9:15	FS	TW			N	N	2	2				C @ 40 gpm
PGE	8/22/16	9:20	FS	TW			N	N	2	2				70 mg/L H2O2
SGE	8/22/16	9:25	FS	TW			N	N	2	2				70% UV lamps
Combined Inf	8/22/16	9:30	FS	TW			N	N		2	2	3		
TGE	8/22/16	9:35	FS	TW			N	N					1	
RO Perm	8/22/16	9:40	FS	TW			N	N		2			1	
Comb AOP Effluent	8/22/16	9:50	FS	TW			N	N		2				

Loc: 660
75669
660-75669 Chain of Custody

Possible Hazard Identification
___ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client ___ Disposal By Lab Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
				8-19-16 1406	AECOM
Relinquished by:	Date/Time: 8-22-16 1225	Company: AECOM	Received by:	Date/Time: 8/22/16 1225	Company: TA TPA
Relinquished by:	Date/Time: 8-22-16 @ 1350	Company: TA TPA	Received by:	Date/Time: 8/22/16 1350	Company: TA TPA

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact ___Yes ___No | Custody Seal No.: | Cooler temperature and other remarks: 2.6/2.3 CH-09

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8/26/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-89907.1
Client Contact: Shipping/Receiving	Phone	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-75669-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: ~~8/17/2016~~ 8/24/16			
City: Savannah	TAT Requested (days):			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #:			
Email:	WO #:			
Project Name: Tallevast	Project #: 66006091			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SM5310_TOC_B	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
AOP Feed (660-75669-1)	8/22/16	09:00 Eastern		Water			X	1	
Combined Inf (660-75669-7)	8/22/16	09:30 Eastern		Water			X	1	

Possible Hazard Identification Unconfirmed	**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)** ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements: T.A.

Empty Kit Relinquished by:	Date:	Time	Method of Shipment

	Date/Time	Company		Date/Time	Company
Relinquished by:	8/22/16 1700	TA TBA	Received by: S. Wolfe	8-23-16 8:22	
Relinquished by:	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.6 S.D

8/26/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75669-1

Login Number: 75669
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75669-1

Login Number: 75669
List Number: 2
Creator: Wayne, Shretha S

List Source: TestAmerica Savannah
List Creation: 08/23/16 08:01 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Process Sampling

TestAmerica Job ID: 660-75669-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
5310 B-2011	Organic Carbon, Total (TOC)	SM	TAL SAV
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858
TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-75739-1
Client Project/Site: Tallevast UIC Parameters (Persulfate)

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
9/6/2016 8:24:10 AM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-75739-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-75739-1

Comments
No additional comments.

Receipt
The samples were received on 8/24/2016 3:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0º C.

HPLC/IC
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method(s) SM 2540C: In analytical batch 660-173227, the following samples had TDS/conductivity ratio above 0.95.

EW-108 (660-75739-2), MW-39 (660-75739-5), MW-42 (660-75739-6), MW-80 (660-75739-11), MW-80 (DUP) (660-75739-12), BLANK -40 (660-75739-14) and (660-75739-A-6 DU)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-75739-1	CO-A1D	Water	08/23/16 11:41	08/24/16 15:00
660-75739-2	EW-108	Water	08/23/16 11:58	08/24/16 15:00
660-75739-3	EW-108 (DUP)	Water	08/23/16 12:05	08/24/16 15:00
660-75739-4	MW-37	Water	08/23/16 11:00	08/24/16 15:00
660-75739-5	MW-39	Water	08/23/16 08:33	08/24/16 15:00
660-75739-6	MW-42	Water	08/23/16 12:09	08/24/16 15:00
660-75739-7	MW-43	Water	08/23/16 11:08	08/24/16 15:00
660-75739-8	MW-72	Water	08/23/16 13:32	08/24/16 15:00
660-75739-9	MW-72 (DUP)	Water	08/23/16 13:37	08/24/16 15:00
660-75739-10	MW-76	Water	08/23/16 13:00	08/24/16 15:00
660-75739-11	MW-80	Water	08/23/16 14:27	08/24/16 15:00
660-75739-12	MW-80 (DUP)	Water	08/23/16 14:37	08/24/16 15:00
660-75739-13	BLANK -39	Water	08/23/16 13:12	08/24/16 15:00
660-75739-14	BLANK -40	Water	08/23/16 14:05	08/24/16 15:00
660-75739-15	BLANK -41	Water	08/23/16 11:10	08/24/16 15:00

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
6010B	Metals (ICP)	SW846	TAL TAM
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater",
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858
TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

General Chemistry

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: CO-A1D — Lab Sample ID: 660-75739-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	260		200	50	ug/L	1		6010B	Total Recoverable

Client Sample ID: EW-108 — Lab Sample ID: 660-75739-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	280		10	4.0	mg/L	10		300.0	Total/NA
Arsenic	4.2	I	10	4.0	ug/L	1		6010B	Total Recoverable
Iron	10000	J3	200	50	ug/L	1		6010B	Total Recoverable
Total Dissolved Solids	690		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EW-108 (DUP) — Lab Sample ID: 660-75739-3

No Detections.

Client Sample ID: MW-37 — Lab Sample ID: 660-75739-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	7500		200	50	ug/L	1		6010B	Total Recoverable
Manganese	170		4.0	1.0	ug/L	1		6010B	Total Recoverable

Client Sample ID: MW-39 — Lab Sample ID: 660-75739-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	170	I	200	50	ug/L	1		6010B	Total Recoverable
Total Dissolved Solids	490		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-42 — Lab Sample ID: 660-75739-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	190	I	200	50	ug/L	1		6010B	Total Recoverable
Iron	870		200	50	ug/L	1		6010B	Total Recoverable
Total Dissolved Solids	100		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-43 — Lab Sample ID: 660-75739-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	65		4.0	1.0	ug/L	1		6010B	Total Recoverable

Client Sample ID: MW-72 — Lab Sample ID: 660-75739-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2100	J3	200	50	ug/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-72 (DUP) — Lab Sample ID: 660-75739-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1000		200	50	ug/L	1		6010B	Total Recoverable

Client Sample ID: MW-76 — Lab Sample ID: 660-75739-10

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	75		25	10	mg/L	25		300.0	Total/NA
Iron	12000		200	50	ug/L	1		6010B	Total Recoverable

Client Sample ID: MW-80 — Lab Sample ID: 660-75739-11

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	420		25	10	mg/L	25		300.0	Total/NA
Iron	520		200	50	ug/L	1		6010B	Total Recoverable
Manganese	62		4.0	1.0	ug/L	1		6010B	Total Recoverable
Total Dissolved Solids	1000		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-80 (DUP) — Lab Sample ID: 660-75739-12

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	420		25	10	mg/L	25		300.0	Total/NA
Iron	510		200	50	ug/L	1		6010B	Total Recoverable
Manganese	64		4.0	1.0	ug/L	1		6010B	Total Recoverable
Total Dissolved Solids	1000		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: BLANK -39 — Lab Sample ID: 660-75739-13

No Detections.

Client Sample ID: BLANK -40 — Lab Sample ID: 660-75739-14

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	8.2		1.0	0.40	mg/L	1		300.0	Total/NA
Total Dissolved Solids	180		5.0	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: BLANK -41 — Lab Sample ID: 660-75739-15

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: CO-A1D
Date Collected: 08/23/16 11:41
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-1
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	260		200	50	ug/L		08/25/16 12:45	08/26/16 12:06	1

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: EW-108
Date Collected: 08/23/16 11:58
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-2
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	280		10	4.0	mg/L			09/01/16 14:49	10

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2	I	10	4.0	ug/L		08/25/16 12:45	08/26/16 11:55	1
Iron	10000	J3	200	50	ug/L		08/25/16 12:45	08/26/16 11:55	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	690		5.0	5.0	mg/L			08/25/16 14:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: EW-108 (DUP)
Date Collected: 08/23/16 12:05
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-3
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.0	U	10	4.0	ug/L		08/25/16 12:45	08/26/16 12:09	1

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-37
Date Collected: 08/23/16 11:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-4
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	7500		200	50	ug/L		08/25/16 12:45	08/26/16 12:18	1
Manganese	170		4.0	1.0	ug/L		08/25/16 12:45	08/26/16 12:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-39
Date Collected: 08/23/16 08:33
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-5
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	170	I	200	50	ug/L		08/25/16 12:45	08/26/16 12:21	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	490		5.0	5.0	mg/L			08/25/16 14:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-42
Date Collected: 08/23/16 12:09
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-6
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	190	I	200	50	ug/L		08/25/16 12:45	08/26/16 12:24	1
Iron	870		200	50	ug/L		08/25/16 12:45	08/26/16 12:24	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		5.0	5.0	mg/L			08/25/16 14:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-43
Date Collected: 08/23/16 11:08
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-7
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	65		4.0	1.0	ug/L		08/25/16 12:45	08/26/16 12:27	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-72
Date Collected: 08/23/16 13:32
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-8
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2100	J3	200	50	ug/L		08/25/16 12:45	08/26/16 12:30	1

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-72 (DUP)
Date Collected: 08/23/16 13:37
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-9
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1000		200	50	ug/L		08/25/16 12:45	08/26/16 12:39	1

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-76
Date Collected: 08/23/16 13:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-10
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	75		25	10	mg/L			09/01/16 15:23	25

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	12000		200	50	ug/L		08/25/16 12:45	08/26/16 12:42	1

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-80
Date Collected: 08/23/16 14:27
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-11
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	420		25	10	mg/L			09/01/16 18:00	25

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	520		200	50	ug/L		08/25/16 12:45	08/26/16 12:45	1
Manganese	62		4.0	1.0	ug/L		08/25/16 12:45	08/26/16 12:45	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1000		5.0	5.0	mg/L			08/25/16 14:55	1

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-80 (DUP)

Date Collected: 08/23/16 14:37
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-12

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	420		25	10	mg/L			09/01/16 15:06	25

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	510		200	50	ug/L		08/29/16 07:57	08/29/16 14:37	1
Manganese	64		4.0	1.0	ug/L		08/29/16 07:57	08/29/16 14:37	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1000		5.0	5.0	mg/L			08/25/16 14:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: BLANK -39
Date Collected: 08/23/16 13:12
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-13
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		08/29/16 07:57	08/29/16 14:48	1

Client Sample ID: BLANK -40 **Lab Sample ID: 660-75739-14**
Date Collected: 08/23/16 14:05 **Matrix: Water**
Date Received: 08/24/16 15:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	8.2		1.0	0.40	mg/L			09/01/16 01:30	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	50	U	200	50	ug/L		08/29/16 07:57	08/29/16 14:51	1
Manganese	1.0	U	4.0	1.0	ug/L		08/29/16 07:57	08/29/16 14:51	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	180		5.0	5.0	mg/L			08/25/16 14:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: BLANK -41
Date Collected: 08/23/16 11:10
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-15
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.0	U	10	4.0	ug/L		08/29/16 07:57	08/29/16 14:59	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-448031/36
Matrix: Water
Analysis Batch: 448031

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.40	U	1.0	0.40	mg/L			08/31/16 19:42	1

Lab Sample ID: LCS 680-448031/37
Matrix: Water
Analysis Batch: 448031

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	9.98		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-448031/38
Matrix: Water
Analysis Batch: 448031

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	10.0	10.0		mg/L		100	90 - 110	1	15

Lab Sample ID: 680-129088-G-1 MS
Matrix: Water
Analysis Batch: 448031

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	43		10.0	52.5		mg/L		98	80 - 120

Lab Sample ID: 680-129088-G-1 MSD
Matrix: Water
Analysis Batch: 448031

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	43		10.0	52.6		mg/L		99	80 - 120	0	15

Lab Sample ID: 660-75739-14 DU
Matrix: Water
Analysis Batch: 448031

Client Sample ID: BLANK -40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfate	8.2		8.18		mg/L		0	15

Lab Sample ID: MB 680-448164/2
Matrix: Water
Analysis Batch: 448164

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.40	U	1.0	0.40	mg/L			09/01/16 09:03	1

Lab Sample ID: LCS 680-448164/3
Matrix: Water
Analysis Batch: 448164

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	10.0	10.3		mg/L		103	90 - 110

Lab Sample ID: LCSD 680-448164/4
Matrix: Water
Analysis Batch: 448164

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate			10.0	10.4		mg/L		104	90 - 110	1	15

Lab Sample ID: 660-75739-11 MS
Matrix: Water
Analysis Batch: 448164

Client Sample ID: MW-80 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate	420		250	651		mg/L		93	80 - 120		

Lab Sample ID: 660-75739-11 MSD
Matrix: Water
Analysis Batch: 448164

Client Sample ID: MW-80 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	420		250	652		mg/L		93	80 - 120	0	15

Lab Sample ID: 660-75739-11 DU
Matrix: Water
Analysis Batch: 448164

Client Sample ID: MW-80
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfate	420		410		mg/L		2	15

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-173222/1-A
Matrix: Water
Analysis Batch: 173275

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 173222

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		08/25/16 12:45	08/26/16 11:43	1
Arsenic	4.0	U	10	4.0	ug/L		08/25/16 12:45	08/26/16 11:43	1
Manganese	1.0	U	4.0	1.0	ug/L		08/25/16 12:45	08/26/16 11:43	1
Iron	50	U	200	50	ug/L		08/25/16 12:45	08/26/16 11:43	1

Lab Sample ID: LCS 660-173222/2-A
Matrix: Water
Analysis Batch: 173275

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 173222

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aluminum			1000	994		ug/L		99	80 - 120		
Arsenic			1000	987		ug/L		99	80 - 120		
Manganese			1000	1030		ug/L		103	80 - 120		
Iron			1000	1050		ug/L		105	80 - 120		

Lab Sample ID: LCSD 660-173222/3-A
Matrix: Water
Analysis Batch: 173275

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 173222

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum			1000	993		ug/L		99	80 - 120	0	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 660-173222/3-A
Matrix: Water
Analysis Batch: 173275

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 173222

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			1000	992		ug/L		99	80 - 120	1	20
Manganese			1000	1040		ug/L		104	80 - 120	1	20
Iron			1000	1050		ug/L		105	80 - 120	1	20

Lab Sample ID: 660-75739-2 MS
Matrix: Water
Analysis Batch: 173275

Client Sample ID: EW-108 MS
Prep Type: Total Recoverable
Prep Batch: 173222

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	4.2	I	1000	1020		ug/L		102	80 - 120
Iron	10000	J3	1000	11300		ug/L		85	80 - 120

Lab Sample ID: 660-75739-2 MSD
Matrix: Water
Analysis Batch: 173275

Client Sample ID: EW-108 MSD
Prep Type: Total Recoverable
Prep Batch: 173222

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	4.2	I	1000	1030		ug/L		103	80 - 120	1	20
Iron	10000	J3	1000	11200	J3	ug/L		74	80 - 120	1	20

Lab Sample ID: 660-75739-8 MS
Matrix: Water
Analysis Batch: 173275

Client Sample ID: MW-72 MS
Prep Type: Total Recoverable
Prep Batch: 173222

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2100	J3	1000	2160	J3	ug/L		6	80 - 120

Lab Sample ID: 660-75739-8 MSD
Matrix: Water
Analysis Batch: 173275

Client Sample ID: MW-72 MSD
Prep Type: Total Recoverable
Prep Batch: 173222

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	2100	J3	1000	2230	J3	ug/L		13	80 - 120	3	20

Lab Sample ID: 660-75739-11 MS
Matrix: Water
Analysis Batch: 173275

Client Sample ID: MW-80 MS
Prep Type: Total Recoverable
Prep Batch: 173222

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	520		1000	1540		ug/L		102	80 - 120
Manganese	62		1000	1100		ug/L		104	80 - 120

Lab Sample ID: 660-75739-11 MSD
Matrix: Water
Analysis Batch: 173275

Client Sample ID: MW-80 MSD
Prep Type: Total Recoverable
Prep Batch: 173222

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	520		1000	1530		ug/L		102	80 - 120	0	20
Manganese	62		1000	1100		ug/L		104	80 - 120	0	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 660-173317/1-A
Matrix: Water
Analysis Batch: 173326

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 173317

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	50	U	200	50	ug/L		08/29/16 07:57	08/29/16 14:25	1
Arsenic	4.0	U	10	4.0	ug/L		08/29/16 07:57	08/29/16 14:25	1
Manganese	1.0	U	4.0	1.0	ug/L		08/29/16 07:57	08/29/16 14:25	1
Iron	50	U	200	50	ug/L		08/29/16 07:57	08/29/16 14:25	1

Lab Sample ID: LCS 660-173317/2-A
Matrix: Water
Analysis Batch: 173326

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 173317

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	1000	998		ug/L		100	80 - 120
Arsenic	1000	953		ug/L		95	80 - 120
Manganese	1000	1050		ug/L		105	80 - 120
Iron	1000	1090		ug/L		109	80 - 120

Lab Sample ID: LCSD 660-173317/3-A
Matrix: Water
Analysis Batch: 173326

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 173317

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	1000	986		ug/L		99	80 - 120	1	20
Arsenic	1000	950		ug/L		95	80 - 120	0	20
Manganese	1000	1050		ug/L		105	80 - 120	0	20
Iron	1000	1080		ug/L		108	80 - 120	1	20

Lab Sample ID: 660-75739-12 MS
Matrix: Water
Analysis Batch: 173326

Client Sample ID: MW-80 (DUP)
Prep Type: Total Recoverable
Prep Batch: 173317

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	53	I	1000	1040		ug/L		99	80 - 120
Arsenic	4.0	U	1000	993		ug/L		99	80 - 120
Manganese	64		1000	1090		ug/L		102	80 - 120
Iron	510		1000	1560		ug/L		105	80 - 120

Lab Sample ID: 660-75739-12 MSD
Matrix: Water
Analysis Batch: 173326

Client Sample ID: MW-80 (DUP)
Prep Type: Total Recoverable
Prep Batch: 173317

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	53	I	1000	1050		ug/L		100	80 - 120	1	20
Arsenic	4.0	U	1000	1010		ug/L		101	80 - 120	2	20
Manganese	64		1000	1100		ug/L		104	80 - 120	1	20
Iron	510		1000	1580		ug/L		107	80 - 120	1	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 660-173227/1
Matrix: Water
Analysis Batch: 173227

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5.0	U	5.0	5.0	mg/L			08/25/16 14:55	1

Lab Sample ID: LCS 660-173227/2
Matrix: Water
Analysis Batch: 173227

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	10000	9630		mg/L		96	80 - 120

Lab Sample ID: 660-75739-6 DU
Matrix: Water
Analysis Batch: 173227

Client Sample ID: MW-42
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	100		90.0		mg/L		11	20

HPLC/IC

Analysis Batch: 448031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75739-14	BLANK -40	Total/NA	Water	300.0	
MB 680-448031/36	Method Blank	Total/NA	Water	300.0	
LCS 680-448031/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-448031/38	Lab Control Sample Dup	Total/NA	Water	300.0	
680-129088-G-1 MS	Matrix Spike	Total/NA	Water	300.0	
680-129088-G-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
660-75739-14 DU	BLANK -40	Total/NA	Water	300.0	

Analysis Batch: 448164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75739-2	EW-108	Total/NA	Water	300.0	
660-75739-10	MW-76	Total/NA	Water	300.0	
660-75739-11	MW-80	Total/NA	Water	300.0	
660-75739-12	MW-80 (DUP)	Total/NA	Water	300.0	
MB 680-448164/2	Method Blank	Total/NA	Water	300.0	
LCS 680-448164/3	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-448164/4	Lab Control Sample Dup	Total/NA	Water	300.0	
660-75739-11 MS	MW-80 MS	Total/NA	Water	300.0	
660-75739-11 MSD	MW-80 MSD	Total/NA	Water	300.0	
660-75739-11 DU	MW-80	Total/NA	Water	300.0	

Metals

Prep Batch: 173222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75739-1	CO-A1D	Total Recoverable	Water	3005A	
660-75739-2	EW-108	Total Recoverable	Water	3005A	
660-75739-3	EW-108 (DUP)	Total Recoverable	Water	3005A	
660-75739-4	MW-37	Total Recoverable	Water	3005A	
660-75739-5	MW-39	Total Recoverable	Water	3005A	
660-75739-6	MW-42	Total Recoverable	Water	3005A	
660-75739-7	MW-43	Total Recoverable	Water	3005A	
660-75739-8	MW-72	Total Recoverable	Water	3005A	
660-75739-9	MW-72 (DUP)	Total Recoverable	Water	3005A	
660-75739-10	MW-76	Total Recoverable	Water	3005A	
660-75739-11	MW-80	Total Recoverable	Water	3005A	
MB 660-173222/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 660-173222/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 660-173222/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
660-75739-2 MS	EW-108 MS	Total Recoverable	Water	3005A	
660-75739-2 MSD	EW-108 MSD	Total Recoverable	Water	3005A	
660-75739-8 MS	MW-72 MS	Total Recoverable	Water	3005A	
660-75739-8 MSD	MW-72 MSD	Total Recoverable	Water	3005A	
660-75739-11 MS	MW-80 MS	Total Recoverable	Water	3005A	
660-75739-11 MSD	MW-80 MSD	Total Recoverable	Water	3005A	

Analysis Batch: 173275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75739-1	CO-A1D	Total Recoverable	Water	6010B	173222
660-75739-2	EW-108	Total Recoverable	Water	6010B	173222

Metals (Continued)

Analysis Batch: 173275 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75739-3	EW-108 (DUP)	Total Recoverable	Water	6010B	173222
660-75739-4	MW-37	Total Recoverable	Water	6010B	173222
660-75739-5	MW-39	Total Recoverable	Water	6010B	173222
660-75739-6	MW-42	Total Recoverable	Water	6010B	173222
660-75739-7	MW-43	Total Recoverable	Water	6010B	173222
660-75739-8	MW-72	Total Recoverable	Water	6010B	173222
660-75739-9	MW-72 (DUP)	Total Recoverable	Water	6010B	173222
660-75739-10	MW-76	Total Recoverable	Water	6010B	173222
660-75739-11	MW-80	Total Recoverable	Water	6010B	173222
MB 660-173222/1-A	Method Blank	Total Recoverable	Water	6010B	173222
LCS 660-173222/2-A	Lab Control Sample	Total Recoverable	Water	6010B	173222
LCSD 660-173222/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	173222
660-75739-2 MS	EW-108 MS	Total Recoverable	Water	6010B	173222
660-75739-2 MSD	EW-108 MSD	Total Recoverable	Water	6010B	173222
660-75739-8 MS	MW-72 MS	Total Recoverable	Water	6010B	173222
660-75739-8 MSD	MW-72 MSD	Total Recoverable	Water	6010B	173222
660-75739-11 MS	MW-80 MS	Total Recoverable	Water	6010B	173222
660-75739-11 MSD	MW-80 MSD	Total Recoverable	Water	6010B	173222

Prep Batch: 173317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75739-12	MW-80 (DUP)	Total Recoverable	Water	3005A	
660-75739-13	BLANK -39	Total Recoverable	Water	3005A	
660-75739-14	BLANK -40	Total Recoverable	Water	3005A	
660-75739-15	BLANK -41	Total Recoverable	Water	3005A	
MB 660-173317/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 660-173317/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 660-173317/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
660-75739-12 MS	MW-80 (DUP)	Total Recoverable	Water	3005A	
660-75739-12 MSD	MW-80 (DUP)	Total Recoverable	Water	3005A	

Analysis Batch: 173326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75739-12	MW-80 (DUP)	Total Recoverable	Water	6010B	173317
660-75739-13	BLANK -39	Total Recoverable	Water	6010B	173317
660-75739-14	BLANK -40	Total Recoverable	Water	6010B	173317
660-75739-15	BLANK -41	Total Recoverable	Water	6010B	173317
MB 660-173317/1-A	Method Blank	Total Recoverable	Water	6010B	173317
LCS 660-173317/2-A	Lab Control Sample	Total Recoverable	Water	6010B	173317
LCSD 660-173317/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	173317
660-75739-12 MS	MW-80 (DUP)	Total Recoverable	Water	6010B	173317
660-75739-12 MSD	MW-80 (DUP)	Total Recoverable	Water	6010B	173317

General Chemistry

Analysis Batch: 173227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75739-2	EW-108	Total/NA	Water	SM 2540C	
660-75739-5	MW-39	Total/NA	Water	SM 2540C	
660-75739-6	MW-42	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 173227 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75739-11	MW-80	Total/NA	Water	SM 2540C	
660-75739-12	MW-80 (DUP)	Total/NA	Water	SM 2540C	
660-75739-14	BLANK -40	Total/NA	Water	SM 2540C	
MB 660-173227/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 660-173227/2	Lab Control Sample	Total/NA	Water	SM 2540C	
660-75739-6 DU	MW-42	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: CO-A1D
Date Collected: 08/23/16 11:41
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	173222	08/25/16 12:45	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173275	08/26/16 12:06	ASD	TAL TAM

Client Sample ID: EW-108
Date Collected: 08/23/16 11:58
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	5 mL	5 mL	448164	09/01/16 14:49	JRJ	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	173222	08/25/16 12:45	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173275	08/26/16 11:55	ASD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	50 mL	173227	08/25/16 14:55	GH1	TAL TAM

Client Sample ID: EW-108 (DUP)
Date Collected: 08/23/16 12:05
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	173222	08/25/16 12:45	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173275	08/26/16 12:09	ASD	TAL TAM

Client Sample ID: MW-37
Date Collected: 08/23/16 11:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	173222	08/25/16 12:45	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173275	08/26/16 12:18	ASD	TAL TAM

Client Sample ID: MW-39
Date Collected: 08/23/16 08:33
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	173222	08/25/16 12:45	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173275	08/26/16 12:21	ASD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	50 mL	173227	08/25/16 14:55	GH1	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-42

Date Collected: 08/23/16 12:09
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	173222	08/25/16 12:45	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173275	08/26/16 12:24	ASD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	50 mL	173227	08/25/16 14:55	GH1	TAL TAM

Client Sample ID: MW-43

Date Collected: 08/23/16 11:08
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	173222	08/25/16 12:45	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173275	08/26/16 12:27	ASD	TAL TAM

Client Sample ID: MW-72

Date Collected: 08/23/16 13:32
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	173222	08/25/16 12:45	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173275	08/26/16 12:30	ASD	TAL TAM

Client Sample ID: MW-72 (DUP)

Date Collected: 08/23/16 13:37
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	173222	08/25/16 12:45	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173275	08/26/16 12:39	ASD	TAL TAM

Client Sample ID: MW-76

Date Collected: 08/23/16 13:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		25	5 mL	5 mL	448164	09/01/16 15:23	JRJ	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	173222	08/25/16 12:45	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173275	08/26/16 12:42	ASD	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-80
Date Collected: 08/23/16 14:27
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		25	5 mL	5 mL	448164	09/01/16 18:00	JRJ	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	173222	08/25/16 12:45	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173275	08/26/16 12:45	ASD	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	50 mL	173227	08/25/16 14:55	GH1	TAL TAM

Client Sample ID: MW-80 (DUP)
Date Collected: 08/23/16 14:37
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		25	5 mL	5 mL	448164	09/01/16 15:06	JRJ	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	173317	08/29/16 07:57	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173326	08/29/16 14:37	GAF	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	50 mL	173227	08/25/16 14:55	GH1	TAL TAM

Client Sample ID: BLANK -39
Date Collected: 08/23/16 13:12
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	173317	08/29/16 07:57	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173326	08/29/16 14:48	GAF	TAL TAM

Client Sample ID: BLANK -40
Date Collected: 08/23/16 14:05
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	448031	09/01/16 01:30	JRJ	TAL SAV
Total Recoverable	Prep	3005A			50 mL	50 mL	173317	08/29/16 07:57	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173326	08/29/16 14:51	GAF	TAL TAM
Total/NA	Analysis	SM 2540C		1	50 mL	50 mL	173227	08/25/16 14:55	GH1	TAL TAM

Client Sample ID: BLANK -41
Date Collected: 08/23/16 11:10
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	173317	08/29/16 07:57	GAF	TAL TAM
Total Recoverable	Analysis	6010B		1			173326	08/29/16 14:59	GAF	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-17

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-17
A2LA	ISO/IEC 17025		399.01	02-28-17
Alabama	State Program	4	41450	06-30-17
Alaska (UST)	State Program	10	UST-104	11-05-16
Arkansas DEQ	State Program	6	88-0692	01-31-17
California	State Program	9	2939	07-31-16 *
Colorado	State Program	8	N/A	12-31-16
Connecticut	State Program	1	PH-0161	03-31-17
Florida	NELAP	4	E87052	06-30-17
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	N/A	06-30-17
Georgia	State Program	4	803	06-30-17
Guam	State Program	9	15-005r	04-16-17
Hawaii	State Program	9	N/A	06-30-17
Illinois	NELAP	5	200022	11-30-16
Indiana	State Program	5	N/A	06-30-17
Iowa	State Program	7	353	06-30-17
Kentucky (DW)	State Program	4	90084	12-31-16
Kentucky (UST)	State Program	4	18	06-30-17
Kentucky (WW)	State Program	4	90084	12-31-16
Louisiana	NELAP	6	30690	06-30-17
Louisiana (DW)	NELAP	6	LA160019	12-31-16
Maine	State Program	1	GA00006	09-24-16 *
Maryland	State Program	3	250	12-31-16
Massachusetts	State Program	1	M-GA006	06-30-17
Michigan	State Program	5	9925	06-30-17
Mississippi	State Program	4	N/A	06-30-16 *
Nebraska	State Program	7	TestAmerica-Savannah	06-30-17
New Jersey	NELAP	2	GA769	06-30-17
New Mexico	State Program	6	N/A	06-30-17
New York	NELAP	2	10842	03-31-17
North Carolina (DW)	State Program	4	13701	07-31-17
North Carolina (WW/SW)	State Program	4	269	12-31-16
Oklahoma	State Program	6	9984	08-31-17
Pennsylvania	NELAP	3	68-00474	06-30-17
Puerto Rico	State Program	2	GA00006	12-31-16
South Carolina	State Program	4	98001	06-30-16 *
Tennessee	State Program	4	TN02961	06-30-16 *
Texas	NELAP	6	T104704185-14-7	11-30-16
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-17
Washington	State Program	10	C805	06-10-17
West Virginia (DW)	State Program	3	9950C	12-31-16

* Certification renewal pending - certification considered valid.

Certification Summary

Client: AECOM Technical Services Inc. TestAmerica Job ID: 660-75739-1
Project/Site: Tallevast UIC Parameters (Persulfate)

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Wisconsin	State Program	5	999819810	08-31-17
Wyoming	State Program	8	8TMS-L	06-30-16 *

* Certification renewal pending - certification considered valid.

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-70145-22323
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 2
Company: AECOM				Job #:
Address: 1600 Tallevast Road	Due Date Requested: 9/7/16			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60507317.02			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.)	Project #:			
UIC Parameters (Persulfate)	66006091			
Site: TALLEVAST	SSOW#:			

Analysis Requested

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300 ORGFM 28D (Sulfate)	2540C (Total Dissolved Solids)	6010B (Aluminum)	6010B (Iron)	6010B (Arsenic)	6010B (Manganese)	Special Instructions/Note:
			Preservation Code:				X	X	1	1	D	D	D	D	
CO-A1D	8/23/16	11:41	FS	GW	-	-	N	N			X				
EW-108	8/23/16	11:58	FS	GW	-	-	N	N	X	X		X	X		
EW-108 (DUP)	8/23/16	12:05	FD	GW	-	-	N	N					X		
EW-108 (MS)	8/23/16	12:10	FS	GW	-	-	N	Y					X		
EW-108 (MSD)	8/23/16	12:15	FD	GW	-	-	N	Y					X		
MW-37	8/23/16	11:00	FS	GW	-	-	N	N				X		X	
MW-39	8/24/16	8:33	FS	GW	-	-	N	N		X	X				
MW-42	8/23/16	12:09	FS	GW	-	-	N	N		X	X	X			
MW-43	8/23/16	11:08	FS	GW	-	-	N	N						X	
MW-72	8/23/16	13:32	FS	GW	-	-	N	N			X				
MW-72 (DUP)	8/23/16	13:37	FD	GW	-	-	N	N			X				
MW-72 (MS)	8/23/16	13:45	FS	GW	-	-	N	Y			X				
MW-72 (MSD)	8/23/16	13:49	FD	GW	-	-	N	Y			X				
MW-76	8/23/16	13:00	FS	GW	-	-	N	N	X			X			
MW-80	8/23/16	14:27	FS	GW	-	-	N	N	X	X		X		X	

660-75739 Chain of Custody

Loc: 660
75739

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Kristin Southors | Date: 08/03/16 | Time: 12:00 | Method of Shipment: TestAmerica Courier (both delivery and pickup)

Relinquished by:	Date/Time: 08/24/16 @ 1045	Company: AECOM	Received by:	Date/Time: 8-24-16 1105	Company: TA TPA
Relinquished by:	Date/Time: 8-24-16 @ 1500	Company: TA TPA	Received by:	Date/Time: 8/24/16 1500	Company: TA TPA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact Yes No | Custody Seal No.: | Cooler temperature and other remarks: 1.8/2.0 CU-04

9/6/2016

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com	
Company: AECOM			
Address: 1600 Tallevast Road	Due Date Requested: 9/7/16		
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day		
Phone: 941-351-7959	PO # : 73752ACM		
Email: darrin.johnson@aecom.com	WO #: 60507317.02		
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) UIC Parameters (Persulfate)	Project #: 66006091		
Site: TALLEVAST	SSOW#:		

COC No: 660-70145-22323
Page: Page 2 of 2
Job #:

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SO - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LO - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300 ORGFM 28D (Sulfate)	2540C (Total Dissolved Solids)	6010B (Aluminum)	6010B (Iron)	6010B (Arsenic)	6010B (Manganese)	Special Instructions/Note:
Preservation Code:							X	X	I	I	D	D	D	D	
MW-80 (DUP)	8/23/16	14:37	FD	GW	-	-	N	N	X	X		X		X	
MW-80 (MS)	8/23/16	14:47	FS	GW	-	-	N	Y	X	X		X		X	
MW-80 (MSD)	8/23/16	14:57	FD	GW	-	-	N	Y	X	X		X		X	
BLANK-39	8/23/16	13:12	EB	WO	-	-	N	N			X				
BLANK-40	8/23/16	14:05	EB	WO	-	-	N	N	X	X		X		X	
BLANK-41	8/23/16	11:10	EB	WO	-	-	N	N					X		

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Kristin Southers Date: 08/03/16 Time: 12:00 Method of Shipment: TestAmerica Courier (both delivery and pickup)

	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	08/24/16 @ 10:45	AECOM		8-24-16 @ 1105	TA TPA
Relinquished by:	8-24-16 @ 1500 TA TPA			8/24/16 1500	TA TPA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes ___ No
Custody Seal No.:
Cooler temperature and other remarks: 1.8/2.0 GW-09

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-90012.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		**Analysis Requested**		Job #: 660-75739-1
Address: 5102 LaRoche Avenue,	Due Date Requested: 9/6/2016			**Preservation Codes:** A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify). Other:
City: Savannah	TAT Requested (days):			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #:			
Email:	WO #:			
Project Name: Tallevast UIC Parameters (Persulfate)	Project #: 66006091			
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/ Sulfate	Total Number of Containers	Special Instructions/Note:
			Preservation Code:						
EW-108 (660-75739-2)	8/23/16	11:58 Eastern		Water			X	1	
MW-76 (660-75739-10)	8/23/16	13:00 Eastern		Water			X	1	
MW-80 (660-75739-11)	8/23/16	14:27 Eastern		Water			X	1	
MW-80 MS (660-75739-11MS)	8/23/16	14:47 Eastern	MS	Water			X	1	
MW-80 MSD (660-75739-11MSD)	8/23/16	14:57 Eastern	MSD	Water			X	1	
MW-80 (DUP) (660-75739-12)	8/23/16	14:37 Eastern		Water			X	1	
BLANK-40 (660-75739-14)	8/23/16	14:05 Eastern		Water			X	1	

Possible Hazard Identification Unconfirmed		***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank: 2	Special Instructions/QC Requirements: T.A.	
Empty Kit Relinquished by	Date:	Time	Method of Shipment

Relinquished by: K. T. Ellis	Date/Time: 8/25/16 1600	Company: TA TPA	Received by: S. Wayne	Date/Time: 8-26-2016 700	Company	
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time	Company	Received by	Date/Time	Company	

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3 / 2.1

9/6/2016

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75739-1

Login Number: 75739
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75739-1

Login Number: 75739
List Number: 2
Creator: Wayne, Shretha S

List Source: TestAmerica Savannah
List Creation: 08/26/16 06:11 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
6010B	Metals (ICP)	SW846	TAL TAM
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL TAM

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater",
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858
TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-75741-1
Client Project/Site: Tallevast RD Parameter Sampling

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
9/6/2016 3:59:12 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 660-75741-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-75741-1

Comments
No additional comments.

Receipt
The samples were received on 8/24/2016 3:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6º C.

HPLC/IC
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-75741-1	EW-4003	Water	08/23/16 07:46	08/24/16 15:00
660-75741-2	IWI-1	Water	08/23/16 10:00	08/24/16 15:00
660-75741-3	IWI-2	Water	08/23/16 09:02	08/24/16 15:00
660-75741-4	MW-43	Water	08/23/16 11:08	08/24/16 15:00
660-75741-5	MW-253	Water	08/23/16 10:00	08/24/16 15:00

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Method	Method Description	Protocol	Laboratory
RSK-175	Dissolved Gases (GC)	RSK	TAL SAV
RSK-175	Dissolved Gases (GC)	RSK	TAL IRV
6010B	Metals (ICP)	SW846	TAL TAM
5310 B-2011	Organic Carbon, Total (TOC)	SM	TAL SAV
SM 2320B	Alkalinity	SM	TAL TAM

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab
SM = "Standard Methods For The Examination Of Water And Wastewater",
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022
TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858
TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

General Chemistry

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Client Sample ID: EW-4003 — Lab Sample ID: 660-75741-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon Dioxide (TCD)	24		2.0	1.0	mg/L	1		RSK-175	Total/NA
Methane	34		0.58	0.29	ug/L	1		RSK-175	Total/NA
Total Organic Carbon	13		1.0	0.50	mg/L	1		5310 B-2011	Total/NA
Alkalinity	220		1.0	1.0	mg/L	1		SM 2320B	Total/NA

Client Sample ID: IWI-1 — Lab Sample ID: 660-75741-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon Dioxide (TCD)	26		2.0	1.0	mg/L	1		RSK-175	Total/NA
Ethane	0.56	I	1.1	0.55	ug/L	1		RSK-175	Total/NA
Methane	34		0.58	0.29	ug/L	1		RSK-175	Total/NA
Total Organic Carbon	17		1.0	0.50	mg/L	1		5310 B-2011	Total/NA
Alkalinity	220		1.0	1.0	mg/L	1		SM 2320B	Total/NA

Client Sample ID: IWI-2 — Lab Sample ID: 660-75741-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon Dioxide (TCD)	12		2.0	1.0	mg/L	1		RSK-175	Total/NA
Ethylene	0.78	I	1.0	0.50	ug/L	1		RSK-175	Total/NA
Methane	63		0.58	0.29	ug/L	1		RSK-175	Total/NA
Iron	0.39		0.20	0.050	mg/L	1		6010B	Total Recoverable
Total Organic Carbon	5.2		1.0	0.50	mg/L	1		5310 B-2011	Total/NA
Alkalinity	160		1.0	1.0	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-43 — Lab Sample ID: 660-75741-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon Dioxide (TCD)	33		2.0	1.0	mg/L	1		RSK-175	Total/NA
Methane	19		0.58	0.29	ug/L	1		RSK-175	Total/NA
Iron	4.8		0.20	0.050	mg/L	1		6010B	Total Recoverable
Total Organic Carbon	3.2		1.0	0.50	mg/L	1		5310 B-2011	Total/NA
Alkalinity	140		1.0	1.0	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-253 — Lab Sample ID: 660-75741-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon Dioxide (TCD)	22		2.0	1.0	mg/L	1		RSK-175	Total/NA
Ethane	0.75	I	1.1	0.55	ug/L	1		RSK-175	Total/NA
Methane	43		0.58	0.29	ug/L	1		RSK-175	Total/NA
Iron	0.094	I	0.20	0.050	mg/L	1		6010B	Total Recoverable
Total Organic Carbon	15		1.0	0.50	mg/L	1		5310 B-2011	Total/NA
Alkalinity	220		1.0	1.0	mg/L	1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Client Sample ID: EW-4003
Date Collected: 08/23/16 07:46
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75741-1
Matrix: Water

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide (TCD)	**24**		2.0	1.0	mg/L			09/03/16 11:42	1
Ethane	0.55	U	1.1	0.55	ug/L			08/29/16 15:45	1
Ethylene	0.50	U	1.0	0.50	ug/L			08/29/16 15:45	1
Methane	**34**		0.58	0.29	ug/L			08/29/16 15:45	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.050	U	0.20	0.050	mg/L		08/26/16 10:00	08/29/16 09:22	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**13**		1.0	0.50	mg/L			08/29/16 20:41	1
Alkalinity	**220**		1.0	1.0	mg/L			08/26/16 06:52	1

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Client Sample ID: IWI-1
Date Collected: 08/23/16 10:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75741-2
Matrix: Water

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide (TCD)	26		2.0	1.0	mg/L			09/03/16 11:55	1
Ethane	0.56	I	1.1	0.55	ug/L			08/29/16 15:58	1
Ethylene	0.50	U	1.0	0.50	ug/L			08/29/16 15:58	1
Methane	34		0.58	0.29	ug/L			08/29/16 15:58	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.050	U	0.20	0.050	mg/L		08/26/16 10:00	08/29/16 09:25	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	17		1.0	0.50	mg/L			08/29/16 20:56	1
Alkalinity	220		1.0	1.0	mg/L			08/26/16 06:52	1

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Client Sample ID: IWI-2
Date Collected: 08/23/16 09:02
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75741-3
Matrix: Water

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide (TCD)	12		2.0	1.0	mg/L			09/03/16 12:07	1
Ethane	0.55	U	1.1	0.55	ug/L			08/29/16 16:10	1
Ethylene	0.78	I	1.0	0.50	ug/L			08/29/16 16:10	1
Methane	63		0.58	0.29	ug/L			08/29/16 16:10	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.39		0.20	0.050	mg/L		08/26/16 10:00	08/29/16 09:28	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	5.2		1.0	0.50	mg/L			08/29/16 21:13	1
Alkalinity	160		1.0	1.0	mg/L			08/26/16 06:52	1

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Client Sample ID: MW-43
Date Collected: 08/23/16 11:08
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75741-4
Matrix: Water

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide (TCD)	**33**		2.0	1.0	mg/L			09/03/16 12:20	1
Ethane	0.55	U	1.1	0.55	ug/L			08/29/16 16:23	1
Ethylene	0.50	U	1.0	0.50	ug/L			08/29/16 16:23	1
Methane	**19**		0.58	0.29	ug/L			08/29/16 16:23	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**4.8**		0.20	0.050	mg/L		08/26/16 10:00	08/29/16 09:31	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**3.2**		1.0	0.50	mg/L			08/29/16 21:30	1
Alkalinity	**140**		1.0	1.0	mg/L			08/26/16 06:52	1

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Client Sample ID: MW-253
Date Collected: 08/23/16 10:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75741-5
Matrix: Water

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide (TCD)	22		2.0	1.0	mg/L			09/03/16 12:32	1
Ethane	0.75	I	1.1	0.55	ug/L			08/29/16 16:36	1
Ethylene	0.50	U	1.0	0.50	ug/L			08/29/16 16:36	1
Methane	43		0.58	0.29	ug/L			08/29/16 16:36	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.094	I	0.20	0.050	mg/L		08/26/16 10:00	08/29/16 09:34	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	15		1.0	0.50	mg/L			08/29/16 22:15	1
Alkalinity	220		1.0	1.0	mg/L			08/26/16 06:52	1

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 440-353641/8
Matrix: Water
Analysis Batch: 353641

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide (TCD)	1.0	U	2.0	1.0	mg/L			09/03/16 09:57	1

Lab Sample ID: LCS 440-353641/4
Matrix: Water
Analysis Batch: 353641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon Dioxide (TCD)	11.5	12.2		mg/L		106	80 - 120

Lab Sample ID: LCSD 440-353641/5
Matrix: Water
Analysis Batch: 353641

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon Dioxide (TCD)	11.5	11.5		mg/L		100	80 - 120	6	20

Lab Sample ID: MB 680-447552/9
Matrix: Water
Analysis Batch: 447552

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.55	U	1.1	0.55	ug/L			08/29/16 12:18	1
Ethylene	0.50	U	1.0	0.50	ug/L			08/29/16 12:18	1
Methane	0.29	U	0.58	0.29	ug/L			08/29/16 12:18	1
Methane (TCD)	39	U	390	39	ug/L			08/29/16 12:18	1

Lab Sample ID: LCS 680-447552/3
Matrix: Water
Analysis Batch: 447552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane (TCD)	1920	1920		ug/L		100	75 - 125

Lab Sample ID: LCS 680-447552/7
Matrix: Water
Analysis Batch: 447552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethane	288	284		ug/L		98	75 - 125
Ethylene	269	262		ug/L		97	75 - 125
Methane	154	142		ug/L		92	75 - 125

Lab Sample ID: LCSD 680-447552/4
Matrix: Water
Analysis Batch: 447552

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methane (TCD)	1920	1950		ug/L		102	75 - 125	2	30

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: LCSD 680-447552/8
Matrix: Water
Analysis Batch: 447552

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethane	288	282		ug/L		98	75 - 125	1	30
Ethylene	269	259		ug/L		96	75 - 125	1	30
Methane	154	141		ug/L		92	75 - 125	1	30

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 660-173261/1-A
Matrix: Water
Analysis Batch: 173326

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 173261

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.050	U	0.20	0.050	mg/L		08/26/16 10:00	08/29/16 08:41	1

Lab Sample ID: LCS 660-173261/2-A
Matrix: Water
Analysis Batch: 173326

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 173261

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	1.00	1.06		mg/L		106	80 - 120

Lab Sample ID: 660-75743-G-2-B MS
Matrix: Water
Analysis Batch: 173326

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 173261

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	6.2		1.00	7.25		mg/L		102	80 - 120

Lab Sample ID: 660-75743-G-2-C MSD
Matrix: Water
Analysis Batch: 173326

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 173261

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	6.2		1.00	7.25		mg/L		102	80 - 120	0	20

Method: 5310 B-2011 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-447758/2
Matrix: Water
Analysis Batch: 447758

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.50	U	1.0	0.50	mg/L			08/29/16 18:16	1

Lab Sample ID: LCS 680-447758/3
Matrix: Water
Analysis Batch: 447758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	20.0	19.9		mg/L		99	80 - 120

Method: 5310 B-2011 - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 680-447758/3
Matrix: Water
Analysis Batch: 447758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TOC Result 1			20.0	19.9		mg/L		100	80 - 120		
TOC Result 2			20.0	19.7		mg/L		99	80 - 120		
TOC Result 3			20.0	20.0		mg/L		100	80 - 120		

Lab Sample ID: LCSD 680-447758/4
Matrix: Water
Analysis Batch: 447758

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon			20.0	19.8		mg/L		99	80 - 120	0	25
TOC Result 1			20.0	19.9		mg/L		99	80 - 120	0	25
TOC Result 2			20.0	19.8		mg/L		99	80 - 120	0	25
TOC Result 3			20.0	19.9		mg/L		99	80 - 120	1	25

Lab Sample ID: 680-129070-J-4 MS
Matrix: Water
Analysis Batch: 447758

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Organic Carbon	0.70	I	20.0	20.8		mg/L		100	80 - 120		
TOC Result 1	0.73	I	20.0	20.8		mg/L		101	80 - 120		
TOC Result 2	0.70	I	20.0	20.7		mg/L		100	80 - 120		
TOC Result 3	0.69	I	20.0	20.8		mg/L		100	80 - 120		

Lab Sample ID: 680-129070-J-4 MSD
Matrix: Water
Analysis Batch: 447758

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	0.70	I	20.0	20.8		mg/L		100	80 - 120	0	25
TOC Result 1	0.73	I	20.0	20.9		mg/L		101	80 - 120	0	25
TOC Result 2	0.70	I	20.0	20.7		mg/L		100	80 - 120	0	25
TOC Result 3	0.69	I	20.0	20.8		mg/L		100	80 - 120	0	25

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 660-173264/3
Matrix: Water
Analysis Batch: 173264

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	1.0	U	1.0	1.0	mg/L			08/26/16 06:52	1

Lab Sample ID: LCS 660-173264/4
Matrix: Water
Analysis Batch: 173264

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Alkalinity			118	117		mg/L		99	90 - 110		

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: 660-75701-B-1 DU
Matrix: Water
Analysis Batch: 173264

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity	110			111		mg/L				2	30

GC VOA

Analysis Batch: 353641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75741-1	EW-4003	Total/NA	Water	RSK-175	
660-75741-2	IWI-1	Total/NA	Water	RSK-175	
660-75741-3	IWI-2	Total/NA	Water	RSK-175	
660-75741-4	MW-43	Total/NA	Water	RSK-175	
660-75741-5	MW-253	Total/NA	Water	RSK-175	
MB 440-353641/8	Method Blank	Total/NA	Water	RSK-175	
LCS 440-353641/4	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 440-353641/5	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Analysis Batch: 447552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75741-1	EW-4003	Total/NA	Water	RSK-175	
660-75741-2	IWI-1	Total/NA	Water	RSK-175	
660-75741-3	IWI-2	Total/NA	Water	RSK-175	
660-75741-4	MW-43	Total/NA	Water	RSK-175	
660-75741-5	MW-253	Total/NA	Water	RSK-175	
MB 680-447552/9	Method Blank	Total/NA	Water	RSK-175	
LCS 680-447552/3	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 680-447552/7	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 680-447552/4	Lab Control Sample Dup	Total/NA	Water	RSK-175	
LCSD 680-447552/8	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Metals

Prep Batch: 173261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75741-1	EW-4003	Total Recoverable	Water	3005A	
660-75741-2	IWI-1	Total Recoverable	Water	3005A	
660-75741-3	IWI-2	Total Recoverable	Water	3005A	
660-75741-4	MW-43	Total Recoverable	Water	3005A	
660-75741-5	MW-253	Total Recoverable	Water	3005A	
MB 660-173261/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 660-173261/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
660-75743-G-2-B MS	Matrix Spike	Total Recoverable	Water	3005A	
660-75743-G-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 173326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75741-1	EW-4003	Total Recoverable	Water	6010B	173261
660-75741-2	IWI-1	Total Recoverable	Water	6010B	173261
660-75741-3	IWI-2	Total Recoverable	Water	6010B	173261
660-75741-4	MW-43	Total Recoverable	Water	6010B	173261
660-75741-5	MW-253	Total Recoverable	Water	6010B	173261
MB 660-173261/1-A	Method Blank	Total Recoverable	Water	6010B	173261
LCS 660-173261/2-A	Lab Control Sample	Total Recoverable	Water	6010B	173261
660-75743-G-2-B MS	Matrix Spike	Total Recoverable	Water	6010B	173261
660-75743-G-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010B	173261

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

General Chemistry

Analysis Batch: 173264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75741-1	EW-4003	Total/NA	Water	SM 2320B	
660-75741-2	IWI-1	Total/NA	Water	SM 2320B	
660-75741-3	IWI-2	Total/NA	Water	SM 2320B	
660-75741-4	MW-43	Total/NA	Water	SM 2320B	
660-75741-5	MW-253	Total/NA	Water	SM 2320B	
MB 660-173264/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 660-173264/4	Lab Control Sample	Total/NA	Water	SM 2320B	
660-75701-B-1 DU	Duplicate	Total/NA	Water	SM 2320B	

Analysis Batch: 447758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-75741-1	EW-4003	Total/NA	Water	5310 B-2011	
660-75741-2	IWI-1	Total/NA	Water	5310 B-2011	
660-75741-3	IWI-2	Total/NA	Water	5310 B-2011	
660-75741-4	MW-43	Total/NA	Water	5310 B-2011	
660-75741-5	MW-253	Total/NA	Water	5310 B-2011	
MB 680-447758/2	Method Blank	Total/NA	Water	5310 B-2011	
LCS 680-447758/3	Lab Control Sample	Total/NA	Water	5310 B-2011	
LCSD 680-447758/4	Lab Control Sample Dup	Total/NA	Water	5310 B-2011	
680-129070-J-4 MS	Matrix Spike	Total/NA	Water	5310 B-2011	
680-129070-J-4 MSD	Matrix Spike Duplicate	Total/NA	Water	5310 B-2011	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Client Sample ID: EW-4003

Date Collected: 08/23/16 07:46
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75741-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	447552	08/29/16 15:45	MKA	TAL SAV
Total/NA	Analysis	RSK-175		1	300 uL	300 uL	353641	09/03/16 11:42	ART	TAL IRV
Total Recoverable	Prep	3005A			50 mL	50 mL	173261	08/26/16 10:00	ASD	TAL TAM
Total Recoverable	Analysis	6010B		1			173326	08/29/16 09:22	GAF	TAL TAM
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	447758	08/29/16 20:41	KLD	TAL SAV
Total/NA	Analysis	SM 2320B		1			173264	08/26/16 06:52	AJG	TAL TAM

Client Sample ID: IWI-1

Date Collected: 08/23/16 10:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75741-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	447552	08/29/16 15:58	MKA	TAL SAV
Total/NA	Analysis	RSK-175		1	300 uL	300 uL	353641	09/03/16 11:55	ART	TAL IRV
Total Recoverable	Prep	3005A			50 mL	50 mL	173261	08/26/16 10:00	ASD	TAL TAM
Total Recoverable	Analysis	6010B		1			173326	08/29/16 09:25	GAF	TAL TAM
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	447758	08/29/16 20:56	KLD	TAL SAV
Total/NA	Analysis	SM 2320B		1			173264	08/26/16 06:52	AJG	TAL TAM

Client Sample ID: IWI-2

Date Collected: 08/23/16 09:02
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75741-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	447552	08/29/16 16:10	MKA	TAL SAV
Total/NA	Analysis	RSK-175		1	300 uL	300 uL	353641	09/03/16 12:07	ART	TAL IRV
Total Recoverable	Prep	3005A			50 mL	50 mL	173261	08/26/16 10:00	ASD	TAL TAM
Total Recoverable	Analysis	6010B		1			173326	08/29/16 09:28	GAF	TAL TAM
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	447758	08/29/16 21:13	KLD	TAL SAV
Total/NA	Analysis	SM 2320B		1			173264	08/26/16 06:52	AJG	TAL TAM

Client Sample ID: MW-43

Date Collected: 08/23/16 11:08
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75741-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	447552	08/29/16 16:23	MKA	TAL SAV
Total/NA	Analysis	RSK-175		1	300 uL	300 uL	353641	09/03/16 12:20	ART	TAL IRV
Total Recoverable	Prep	3005A			50 mL	50 mL	173261	08/26/16 10:00	ASD	TAL TAM
Total Recoverable	Analysis	6010B		1			173326	08/29/16 09:31	GAF	TAL TAM
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	447758	08/29/16 21:30	KLD	TAL SAV

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Client Sample ID: MW-43

Date Collected: 08/23/16 11:08
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75741-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1			173264	08/26/16 06:52	AJG	TAL TAM

Client Sample ID: MW-253

Date Collected: 08/23/16 10:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75741-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	447552	08/29/16 16:36	MKA	TAL SAV
Total/NA	Analysis	RSK-175		1	300 uL	300 uL	353641	09/03/16 12:32	ART	TAL IRV
Total Recoverable	Prep	3005A			50 mL	50 mL	173261	08/26/16 10:00	ASD	TAL TAM
Total Recoverable	Analysis	6010B		1			173326	08/29/16 09:34	GAF	TAL TAM
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	447758	08/29/16 22:15	KLD	TAL SAV
Total/NA	Analysis	SM 2320B		1			173264	08/26/16 06:52	AJG	TAL TAM

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-17

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-17
Arizona	State Program	9	AZ0671	10-13-16 *
California	LA Cty Sanitation Districts	9	10256	01-31-17 *
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 12.002r	01-23-17
Hawaii	State Program	9	N/A	01-29-17
Kansas	NELAP Secondary AB	7	E-10420	07-31-16 *
Nevada	State Program	9	CA015312016-2	07-31-17 *
New Mexico	State Program	6	N/A	01-29-17
Northern Mariana Islands	State Program	9	MP0002	01-29-17
Oregon	NELAP	10	4028	01-29-17
USDA	Federal		P330-09-00080	07-08-18
Washington	State Program	10	C900	09-03-17

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-17
A2LA	ISO/IEC 17025		399.01	02-28-17
Alabama	State Program	4	41450	06-30-17
Alaska (UST)	State Program	10	UST-104	11-05-16
Arkansas DEQ	State Program	6	88-0692	01-31-17
California	State Program	9	2939	07-31-16 *
Colorado	State Program	8	N/A	12-31-16
Connecticut	State Program	1	PH-0161	03-31-17
Florida	NELAP	4	E87052	06-30-17
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	N/A	06-30-17
Georgia	State Program	4	803	06-30-17
Guam	State Program	9	15-005r	04-16-17
Hawaii	State Program	9	N/A	06-30-17
Illinois	NELAP	5	200022	11-30-16
Indiana	State Program	5	N/A	06-30-17
Iowa	State Program	7	353	06-30-17
Kentucky (DW)	State Program	4	90084	12-31-16
Kentucky (UST)	State Program	4	18	06-30-17
Kentucky (WW)	State Program	4	90084	12-31-16
Louisiana	NELAP	6	30690	06-30-17
Louisiana (DW)	NELAP	6	LA160019	12-31-16
Maine	State Program	1	GA00006	09-24-16 *
Maryland	State Program	3	250	12-31-16
Massachusetts	State Program	1	M-GA006	06-30-17
Michigan	State Program	5	9925	06-30-17

* Certification renewal pending - certification considered valid.

Certification Summary

Client: AECOM Technical Services Inc. TestAmerica Job ID: 660-75741-1
Project/Site: Tallevast RD Parameter Sampling

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Mississippi	State Program	4	N/A	06-30-16 *
Nebraska	State Program	7	TestAmerica-Savannah	06-30-17
New Jersey	NELAP	2	GA769	06-30-17
New Mexico	State Program	6	N/A	06-30-17
New York	NELAP	2	10842	03-31-17
North Carolina (DW)	State Program	4	13701	07-31-17
North Carolina (WW/SW)	State Program	4	269	12-31-16
Oklahoma	State Program	6	9984	08-31-17
Pennsylvania	NELAP	3	68-00474	06-30-17
Puerto Rico	State Program	2	GA00006	12-31-16
South Carolina	State Program	4	98001	06-30-16 *
Tennessee	State Program	4	TN02961	06-30-17
Texas	NELAP	6	T104704185-14-7	11-30-16
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-17
Washington	State Program	10	C805	06-10-17
West Virginia (DW)	State Program	3	9950C	12-31-16
West Virginia DEP	State Program	3	094	08-31-16
Wisconsin	State Program	5	999819810	08-31-17
Wyoming	State Program	8	8TMS-L	06-30-16 *

* Certification renewal pending - certification considered valid.

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler(s): Chad Lee, Madan Parsotan, & John Wilson	Lab PM: Mark Gudnason	Carrier Tracking No(s):	COC No: 660-70145-22323
Client contact: Darrin Johnson	Phone: 407-843-6552	E-Mail: mark.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:
Address: 1600 Tallevast Road	Due Date Requested: 9/7/16			
City, State, Zip: Sarasota, FL 34243	TAT Requested (days): 10 Day			
Phone: 941-351-7959	PO # : 73752ACM			
Email: darrin.johnson@aecom.com	WO #: 60480333.09.01			
Project Name: (example: Process Sampling, Extraction, Annual Groundwater Monitoring, etc.) RD Parameter Sampling	Project #: 66006091			
Site: TALLEVAST	SSOW#:			

Analysis Requested

Matrix Codes:
SD - SEDIMENT SS - SOIL SAMPLE
GW - GROUNDWATER SW - SURFACE WATER
SG - SOIL VAPOR AS - AIR SAMPLE
WO - WATER OTHER WW - WASTE WATER
TW - TREATMENT WATER
PW - POTABLE WATER WS - WASTE SOIL
CO - CONCRETE SO - SOLID OTHER
WI - WIPE LQ - LIQUID OTHER

Sample Types:
FS - Field Sample FD - Field Duplicate
EB - Equipment Blank FB - Field Blank
MB - Method Blank TB - Trip Blank
RB - Rinsate Blank SP - Split

Sample Identification	Sample Date	Sample Time	Sample Type (Select from list)	Matrix (Select from list)	Top Depth w/units	Bottom Depth w/units	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK 175 (CO2 - Carbon Dioxide)	2320B (Alkalinity)	6010B (Iron)	RSK 175 (Methane, Ethane, and Ethene)	SM5310 TOC B (TOC)	Special Instructions/Note:
Preservation Code:							X	X	N	N	D	A	S	
EW-4003	8/23/16	7:46	FS	GW	-	-	N	N	X	X	X	X	X	
IWI-1	8/23/16	10:00	FS	GW	-	-	N	N	X	X	X	X	X	
IWI-2	8/23/16	9:02	FS	GW	-	-	N	N	X	X	X	X	X	
MW-43	8/23/16	11:08	FS	GW	-	-	N	N	X	X	X	X	X	
MW-253	8/23/16	10:00	FS	GW	-	-	N	N	X	X	X	X	X	

Loc: 660
75741

660-75741 Chain of Custody

Possible Hazard Identification
_X_ Non-Hazard ___ Flammable ___ Skin Irritant ___ Poison B ___ Unknown ___ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
___ Return To Client ___ Disposal By Lab ___ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Kristin Southors Date: 08/03/16 Time: 12:00 Method of Shipment: TestAmerica Courier (both delivery and pickup)

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	08/24/16 @ 10:45	AECOM		8-24-16 @ 1105	TA TPA
Relinquished by:	8-24-16 @ 1500	TA TPA		8/24/16 1500	TA TPA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company

Preservation Codes: A=HCL, B=NaOH, C= ZN, D=Nitric Acid, E=NaHSO4, F=MeOH, G=Amchlor, H=Ascorbic Acid, I=Ice, J=DI Water, K=EDTA, L=EDA, M=Hexane, N=None, O=AsNaO2, P=Na2O4S, Q=Na2SO3, R=Na2S2SO, S=H2SO4, T=TSP Dodecahydrate, U=Acetone, V=MCAA, W=pH 4-5, Z=Other(specify)

Custody Seals Intact: Yes No | Custody Seal No.: | Cooler temperature and other remarks: 1.4/1.6 CU-09

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmer.

Client Information (Sub Contract Lab)	Sampler	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s): 7022 6553 3456	COC No: 660-90015.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-75741-1
Address: 30 Community Drive, Suite 11,	Due Date Requested: 9/6/2016			
City: South Burlington	TAT Requested (days):			
State, Zip: VT, 05403				
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:			
Email:	WO #:			
Project Name: Tallevast RD Parameter Sampling	Project #: 66006091			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175_CO2	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
EW-4003 (660-75741-1)	8/23/16	07:46 Eastern		Water			X	3	
IWI-1 (660-75741-2)	8/23/16	10:00 Eastern		Water			X	3	
IWI-2 (660-75741-3)	8/23/16	09:02 Eastern		Water			X	3	
MW-43 (660-75741-4)	8/23/16	11:08 Eastern		Water			X	3	
MW-253 (660-75741-5)	8/23/16	10:00 Eastern		Water			X	3	

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/25/16 1700	TAT PA			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
	8/26/16 1640	TAT	Olga Olivelos	8/27/16 10:46	TAT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
				8/26/16 1040	TAT

Custody Seals Intact: Δ Yes Δ No N/A | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: Intact 1.8°C 2.3°C / 1.7°C IR-7

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-90012.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-75741-1
Address: 5102 LaRoche Avenue,	Due Date Requested: 9/6/2016			
City: Savannah	TAT Requested (days):			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #:			
Email:	WO #:			
Project Name: Talievast RD Parameter Sampling	Project #: 66006091			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175/ Methane, Ethane, & Ethene	SM5310_TOC_B	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
EW-4003 (660-75741-1)	8/23/16	07:46 Eastern		Water			X	X	3	
IWI-1 (660-75741-2)	8/23/16	10 00 Eastern		Water			X	X	3	
IWI-2 (660-75741-3)	8/23/16	09:02 Eastern		Water			X	X	3	
MW-43 (660-75741-4)	8/23/16	11:08 Eastern		Water			X	X	3	
MW-253 (660-75741-5)	8/23/16	10:00 Eastern		Water			X	X	6	

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements: T. H.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	8/25/16 1600	TA TAM	[signature]	8-26-2016 7:00	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3 / 2.1 / 2.7 / 25

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75741-1

Login Number: 75741
List Number: 1
Creator: Redding, Charles S

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75741-1

Login Number: 75741
List Number: 3
Creator: Ornelas, Olga

List Source: TestAmerica Irvine
List Creation: 08/27/16 12:17 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-75741-1

Login Number: 75741
List Number: 2
Creator: Wayne, Shretha S

List Source: TestAmerica Savannah
List Creation: 08/26/16 06:11 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast RD Parameter Sampling

TestAmerica Job ID: 660-75741-1

Method	Method Description	Protocol	Laboratory
RSK-175	Dissolved Gases (GC)	RSK	TAL SAV
RSK-175	Dissolved Gases (GC)	RSK	TAL IRV
6010B	Metals (ICP)	SW846	TAL TAM
5310 B-2011	Organic Carbon, Total (TOC)	SM	TAL SAV
SM 2320B	Alkalinity	SM	TAL TAM

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab
SM = "Standard Methods For The Examination Of Water And Wastewater",
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022
TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858
TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

10515 Research Drive
Knoxville, TN 37932
Phone: (865) 573-8188
Fax: (865) 573-8133

Client: Darrin Johnson
AECOM
1600 Tallevast Rd
Sarasota, FL 34243

Phone:

Fax:

Identifier: 083NH **Date Rec:** 08/24/2016 **Report Date:** 08/25/2016

Client Project #: 60480333.09.01 **Client Project Name:** Lockheed Martin Tallevast

Purchase Order #: 79133ACM

Analysis Requested: CENSUS

Reviewed By:

NOTICE: This report is intended only for the addressee shown above and may contain confidential or privileged information. If the recipient of this material is not the intended recipient or if you have received this in error, please notify Microbial Insights, Inc. immediately. The data and other information in this report represent only the sample(s) analyzed and are rendered upon condition that it is not to be reproduced without approval from Microbial Insights, Inc. Thank you for your cooperation.

MICROBIAL INSIGHTS, INC.

10515 Research Dr., Knoxville, TN 37932
Tel. (865) 573-8188 Fax. (865) 573-8133

CENSUS

Client: **AECOM**
Project: Lockheed Martin Tallevast

MI Project Number: **083NH**
Date Received: 08/24/2016

Sample Information

Client Sample ID:		**EW-4003**	**IWI-1**	**IWI-2**	**MW-43**	**MW-253**
Sample Date:		08/23/2016	08/23/2016	08/23/2016	08/23/2016	08/23/2016
Units:		cells/mL	cells/mL	cells/mL	cells/mL	cells/mL
Analyst:		CB	CB	CB	CB	CB
Dechlorinating Bacteria						
Dehalococcoides	*DHC*	**2.84E+02**	**5.30E+00**	**2.02E+03**	**9.83E+01**	**1.60E+00**
tceA Reductase	TCE	**1.35E+01**	<5.00E-01	<5.00E-01	<5.00E-01	<5.00E-01
BAV1 Vinyl Chloride Reductase	BVC	**2.12E+02**	**9.00E-01**	**6.80E+02**	**4.30E+00**	<5.00E-01
Vinyl Chloride Reductase	VCR	<5.00E-01	**3.00E-01 (J)**	<5.00E-01	**1.20E+00**	<5.00E-01
Dehalobacter spp.	*DHBt*	<4.60E+00	<4.70E+00	**5.67E+01**	**1.80E+02**	<4.70E+00
Desulfuromonas spp.	*DSM*	**7.20E+01**	**3.20E+00 (J)**	**5.24E+03**	**1.22E+03**	**3.80E+00 (J)**
Phylogenetic Group						
Total Eubacteria	EBAC	**1.58E+03**	**4.85E+02**	**6.86E+04**	**4.58E+04**	**3.40E+02**

Legend:
NA = Not Analyzed NS = Not Sampled J = Estimated gene copies below PQL but above LQL I = Inhibited
< = Result not detected

Quality Assurance/Quality Control Data

Samples Received **8/24/2016**

Component	Date Prepared	Date Analyzed	Arrival Temperature	Positive Control	Extraction Blank	Negative Control
DSM	08/24/2016	08/25/2016	1 °C	105%	non-detect	non-detect
DHBt	08/24/2016	08/25/2016	1 °C	110%	non-detect	non-detect
DHC	08/24/2016	08/25/2016	1 °C	108%	non-detect	non-detect
EBAC	08/24/2016	08/25/2016	1 °C	104%	non-detect	non-detect
BVC	08/24/2016	08/25/2016	1 °C	106%	non-detect	non-detect
TCE	08/24/2016	08/25/2016	1 °C	112%	non-detect	non-detect
VCR	08/24/2016	08/25/2016	1 °C	106%	non-detect	non-detect

REPORT TO:

Name: Darrin Johnson
Company: AECOM
Address: 1600 Tallevast Road
Sarasota, FL 34243
email: darrin.johnson@aecom.com
Phone: 941-351-7959
Fax:

INVOICE TO: (For Invoices paid by a third party it is imperative that all information be provided)

Name: Mike McCoy & Lorreta Owens
Company: AECOM
Address: 150 North Orange Avenue
Orlando, FL 32801
email: Florida-SCM@aecom.com / Michael.mccoy@aecom.com
Phone: 407-513-8232
Fax:

microbialinsights
10515 Research Dr
Knoxville, TN 37932
865-573-8188
www.microbe.com

Project Manager: Mike McCoy
Project Name: Lockheed Martin Tallevast
Project No.: 60480333.09.01

Purchase Order No. 79133ACM
Subcontract No.
MI Quote No. Q201678.0003

Please Check One:
☐ More samples to follow
☑ No Additional Samples

Report Type: ☑ Standard (default) ☐ Microbial Insights Level III raw data (15% surcharge) ☐ Microbial Insights Level IV (25% surcharge) ☐ Comprehensive Interpretive (15%) ☐ Historical Interpretive (35%)

EDD type: ☑ Microbial Insights Standard (default) ☐ All other available EDDs (5% surcharge) Specify EDD Type:

Please contact us with any questions about the analyses or filling out the COC at (865) 573-8188 (9:00 am to 5:00 pm EST, M-F). After hours email: customerservice@microbe.com

Sample Information						Analyses				CENSUS: Please select the target organism/gene																							
MI ID (Laboratory Use Only)	Sample Name	Date Sampled	Time Sampled	Matrix	Total Number of Containers	PLFA	NGS	QuantArray Chlor	QuantArray Petro	DHC (Dehalococcoides)	DHC Functional genes (bvc, tce, vcr)	DHBt (Dehalobacter)	DHG (Dehalogenimonas)	DSM (Desulfuromonas)	DSB (Desulfitobacterium)	EBAC (Total)	SRB (Sulfate Reducing Bacteria-APS)	MGN (Methanogens)	MOB (Methanotrophs)	SMMO	DNF (Dentrifiers-nirS and nirK)	AOB (ammonia oxidizing bacteria)	PM1 (MTBE aerobic)	RMO (Toluene Monooxygenase)	RDEG (Toluene Monooxygenase)	PHE (Phenol Hydroxylase)	NAH (Napthalene-aerobic)	BSSA (Toluene/Xylene-Anaerobic)	add. qPCR:	RNA (Expression Option)*	Other:	Other:	Other:
083NH1	EW-4003	08/23/16	07:46	GW	1					X	X	X		X		X																	
2	IW1-1	08/23/16	10:00	GW	1					X	X	X		X		X																	
3	IW1-2	08/23/16	09:02	GW	1					X	X	X		X		X																	
4	MW-43	08/23/16	11:08	GW	1					X	X	X		X		X																	
5	MW-253	08/23/16	10:00	GW	1					X	X	X		X		X																	

Relinquished by: Date 08/23/16 @ 12:00 Received by: Date 8/24/16

It is vital that chain of custody is filled out correctly & that all relative information is provided.
Failure to provide sufficient and/or correct information regarding reporting, invoicing & analyses requested information may result in delays for which MI will not be liable.

Samples shipped via Fed Ex Express on 08/23/16 by Chad Lee (AECOM).

APPENDIX H – DATA VALIDATION REPORTS/QUALITY CONTROL SUMMARY AND DATA REVIEW

November 5, 2015

Organic and Inorganic
Level II Data Validation Report

Quarterly RO Performance Sample

Analysis Performed by:
TestAmerica, Tampa, FL
SDG # 660-69706-1

Prepared by Jim Refermat
Project Chemist/Data Validator

Data Validation Report

Project:	Lockheed Martin - Tallevast
Laboratory:	TestAmerica Laboratories, Tampa Florida
SDG:	660-69706-1
Analyses/Method:	• Volatile Organic Compounds (VOCs) by Gas Chromatography/Mass Spectrometry (GC/MS)/SW8260B and SW8260C SIM • Metals by Inductively Coupled Plasma – Mass Spectrometry (ICP-MS)/SW6020A • Anions by Ion Chromatography - EPA Method 300.0 • Total Dissolved Solids (TDS) by SM 2540C
Validation Level:	Level II
Prepared by:	Jim Refermat/AECOM — Completed on: November 5, 2015
Reviewed by:	Julie Cassetta/AECOM — File Name: DVR_660-69706-1_r1.doc

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) 660-69706-1. Only the analytical data were reviewed for this validation; field documentation is not included in this review. Included with this assessment are the validation annotated sample results and Chain-of- Custody (COC). The samples listed below were collected by AECOM from the Lockheed Martin Tallevast facility located at 1600 Tallevast Road, Sarasota, Florida 34243, on October 8, 2015, and picked up at the site by TestAmerica Laboratories located in Tampa, Florida.

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
RO permeate	660-69706-1	Water	10/08/2015	X	X	X	X
RO feed	660-69706-2	Water	10/08/2015	X*	X		
RO concentrate	660-69706-3	Water	10/08/2015	X*	X		

*SW8260C SIM only

Analytical Data Package Documentation

The table below is an evaluation of data package completeness.

Items Reviewed	Reported	Performance Acceptable	Not Required
1. Chain-of-Custody integrity	yes	yes	
2. Sample preservation and hold times	yes	yes	
3. Sample condition upon receipt checklist	yes	yes	
4. Requested analysis on COC reported	yes	yes	
5. Sample reporting and detection limits	yes	yes	
6. Sample dilution factors	yes	yes	
7. Sample preparation/extraction/analysis dates	yes	yes	
8. Case narrative complete and accurate	yes	yes	
9. Laboratory qualifier definitions provided	yes	yes	
10. Method QA/QC reported as required	yes	yes	
11. Electronic Data Deliverable (EDD) reported	yes	yes	

Analytical Data Overview

The analysis of Volatile Organic Compounds (VOCs) was performed according to United States Environmental Protection Agency (USEPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW846, specifically SW8260B Total Ion Monitoring (TIM) and SW8260C Selective Ion Monitoring (SIM). Metals analysis was performed according to SW6020A Mass Spectrometry (MS). Anion analysis was performed using EPA Method 300.0 Ion Chromatography (IC), and Total Dissolved Solids (TDS) was performed using SW2540C gravimetric. Quality Control (QC) criteria were derived from the compendium of methodologies presented in SW-846. Validation actions were derived primarily from the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (October 1999*) and the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (February 1994)*, as they applied to the reported methodology. If additional guidance was required, *USEPA Region 4 Data Validation Standard Operating Procedure for Organic Analysis, Revision 3.1 (August 2008)* document was used, along with AECOM professional judgment.

The data review process is an evaluation of data on a technical basis rather than an assessment of contract compliance. As such, the standards against which the data are being evaluated may differ from those specified in the analytical method. It is assumed the analytical data package represents the best efforts of the laboratory and has been subjected to three tiers of quality review prior to release from the laboratory.

During the review process, laboratory qualified and unqualified data are verified and validated against supporting documentation. Based on the data evaluation, qualifier codes may be added, deleted, or modified by the validation chemist. Results are qualified with the following codes based on the USEPA National Functional Guidelines (NFGs):

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound was detected in the sample and its associated blank; its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration.

  UJ The compound was not detected above the reported sample quantitation limit; however, the reported concentration is approximate and may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

VOCs by EPA Method SW8260B and SW8260C SIM Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness COC/sample integrity
- ✓ Holding times and sample preservation
- ✓ Laboratory blanks/trip blanks/equipment blanks
- ✓ Surrogate spike recoveries
- ✓ Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) results
- ✓ Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) results
- ✓ Field duplicates
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action is required.

Laboratory Blanks/Equipment Blanks/Trip Blanks

Laboratory Method Blanks (MBs) are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample preparation and analysis process. The associated MB was evaluated at the Method Detection Limit (MDL) for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. Method blank results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data

validation report if the associated results were non-detect or if qualification of sample results was not required.

No analytes were detected in the associated laboratory MB. Since the acceptance criteria were met, no qualification of data was required.

Surrogate Spike Recoveries

Surrogates are structurally similar to analytes of interest; however, they are not found in the environment. All samples undergoing analysis for organic compounds are spiked with surrogate compounds prior to sample preparation and analysis. Surrogate Percent Recoveries (%R) are used to evaluate the performance of the analytical process and were reviewed for conformance with the QC acceptance criteria. The acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

No qualification of the data was required based on surrogate recoveries. All QC acceptance criteria were met, and no further action is required.

MS/MSD Results

Matrix Spike/Matrix Spike Duplicates (MS/MSDs) are used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the Relative Percent Difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. A MS was reported for the SW8260B analytical fraction and a MS/MSD for the SW8260C analytical fraction; however, the "normal" parent samples were not from the Tallevast site and for that reason they were not evaluated.

LCS/LCSD Results

Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. A LCS/LCSD was provided for the SW8260B and SW8260C analytical fractions. All QC acceptance criteria were met, and no further action was required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the

“normal” parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the “normal” parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed; no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated (“I”). This "I" qualifier was retained during data validation.

Any sample that was analyzed at a dilution due to high concentrations of targets or non-targets was checked to ensure that the results and/or sample-specific MDLs were adjusted accordingly by the laboratory. No samples required dilution in this data set.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, no QC excursions were encountered that resulted in the rejection of data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use.

Metals by EPA Method SW6020A Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness COC/sample integrity
- ✓ Holding times and sample preservation
- ✓ Laboratory blanks/equipment blanks
- ✓ MS/MSD results
- ✓ Laboratory duplicate results
- ✓ LCS/LCSD results
- ✓ Field duplicates
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no results were qualified based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action was required.

Laboratory Blanks/Equipment Blanks

Laboratory MBs are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample digestion and analysis process. The associated MB was evaluated at the MDL for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. MB results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation report if the associated results were non-detect or if qualification of sample results was not required.

Sodium was detected in the associated MB for SW6020A. As a result, any detections for the referenced analyte less than five times the amount detected in the associated blank are qualified as "U" or non-detect because of the method blank excursion. However, since the sodium results were greater than five times the amount in the associated MB, no further action was required.

MS/MSD Results

MS/MSDs ware used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the RPD between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. A LCS/LCSD was reported in lieu of a MS/MSD. No further action was required.

LCS/LCSD Results

LCS/LCSDs are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. A LCS/LCSD was provided for the SW6020B analytical fraction. All QC acceptance criteria were met, and no further action was required.

Laboratory Duplicate Results

Laboratory duplicates are used to access the precision of the laboratory digestion and analysis process. Laboratory duplicates are a sub-sample of the "normal" parent sample. They are then brought through the analytical digestion and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Laboratory duplicate RPDs are reviewed for conformance with the QC criteria of <25% for aqueous matrices. A LCS/LCSD was run with the analytical fraction in lieu of a laboratory duplicate. No further action was required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed: no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated ("I"). This "I" qualifier was retained during data validation. Any sample that was analyzed at a dilution due to high concentrations of targets or non-targets was checked to ensure that the results and/or sample-specific MDLs were adjusted accordingly by the laboratory. No samples required dilution in this data set.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, no QC excursions were encountered that resulted in the rejection of the analytical data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use as qualified.

General Wet Chemistry by EPA Method 300.0 and SM 2540C Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness COC/sample integrity
- ✓ Holding times and sample preservation
- ✓ Laboratory blanks/equipment blanks
- ✓ MS results, EPA Method 300.0 only
- ✓ Laboratory duplicate results
- ✓ LCS/LCSD results
- ✓ Field duplicates
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no results were qualified based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met.

Laboratory Blanks/Equipment Blanks

Laboratory MBs are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample preparation and analysis process. The associated MB was evaluated at the MDL for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. MB results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation report if the associated results were non-detect or if qualification of sample results was not required. No target analytes were detected in the MB.

MS/MSD Results

MS/MSDs ware used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the Relative Percent Difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. A MS/MSD was prepaired for the E300.0 analytical fraction; however, the "normal" parent sample was not from the Tallevast site and for that reason they were not evaluated.

A MS/MSD is not performed on the SM2540C analytical fraction, no further action is required.

LCS/LCSD Results

LCS/LCSDs are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix free media. For aqueous samples, laboratory-grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. A LCS/LCSD was provided for the E300.0 and a LCS for the SM2540C analytical fractions. All QC acceptance criteria were met, and no further action was required.

Laboratory Duplicate Results

Laboratory duplicates are used to access the precision of the laboratory sample preparation and analysis process. Laboratory duplicates are a sub-sample of the "normal" parent sample. They are then brought through the analytical digestion and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Laboratory duplicate RPDs were reviewed for conformance with the QC criteria of <25% for aqueous matrices. Laboratory duplicate for the E300 and SM2540C analytical fractions were not from the Tallevast facility and for that reason were not reviewed, no further action is required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed; no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated ("I"). This "I" qualifier was retained during data validation.

Any sample that was analyzed at a dilution due to high concentrations of target or non-targets was checked to ensure that the results and/or sample specific MDLs were adjusted accordingly by the laboratory. No further action was required.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, no QC excursions were encountered that resulted in the rejection of data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use.

December 14, 2015

Organic and Inorganic Level II Data Validation Report

Effluent Compliance Sampling

Analysis Performed by: TestAmerica, Tampa, FL SDG # 660-70293-1

Prepared by Jim Refermat
Project Chemist/Data Validator

Data Validation Report

Project:	Lockheed Martin - Tallevast	
Laboratory:	TestAmerica Laboratories, Tampa Florida	
SDG:	660-70293-1	
Analyses/Method:	• Volatile Organic Compounds (VOCs) by Gas Chromatography/Mass Spectrometry (GC/MS)/SW8260B and SW8260C SIM • Metals by Inductively Coupled Plasma – Atomic Emission Spectrometry (ICP-AES)/SW6010B	
Validation Level:	Level II	
Prepared by:	Jim Refermat/AECOM	Completed on: December 14, 2015
Reviewed by:	Julie Cassetta/AECOM	File Name: DVR_660-70293-1_r1.doc

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) 660-70293-1. Only the analytical data were reviewed for this validation; field documentation is not included in this review. Included with this assessment are the validation annotated sample results and Chain-of- Custody (COC). The samples listed below were collected by AECOM from the Lockheed Martin Tallevast facility located at 1600 Tallevast Road, Sarasota, Florida 34243, on November 6, 2015, and picked up at the site by TestAmerica Laboratories located in Tampa, Florida.

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
POTW Effluent	660-70293-1	Water	11/06/2015	X	X		

Analytical Data Package Documentation

The table below is an evaluation of data package completeness.

Items Reviewed	Reported	Performance Acceptable	Not Required
1. Chain-of-Custody integrity	yes	yes	
2. Sample preservation and hold times	yes	yes	
3. Sample condition upon receipt checklist	yes	yes	
4. Requested analysis on COC reported	yes	yes	
5. Sample reporting and detection limits	yes	yes	
6. Sample dilution factors	yes	yes	
7. Sample preparation/extraction/analysis dates	yes	yes	
8. Case narrative complete and accurate	yes	yes	
9. Laboratory qualifier definitions provided	yes	yes	
10. Method QA/QC reported as required	yes	yes	
11. Electronic Data Deliverable (EDD) reported	yes	yes	

Analytical Data Overview

The analysis of Volatile Organic Compounds (VOCs) was performed according to United States Environmental Protection Agency (USEPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW846, specifically SW8260B Total Ion Monitoring (TIM) and SW8260C Selective Ion Monitoring (SIM). Metals analysis was performed according to SW6010B Atomic Emission Spectrometry (AES). Quality Control (QC) criteria were derived from the compendium of methodologies presented in SW-846. Validation actions were derived primarily from the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (October 1999*) and the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (February 1994)*, as they applied to the reported methodology. If additional guidance was required, *USEPA Region 4 Data Validation Standard Operating Procedure for Organic Analysis, Revision 3.1 (August 2008)* document was used, along with AECOM professional judgment.

The data review process is an evaluation of data on a technical basis rather than an assessment of contract compliance. As such, the standards against which the data are being evaluated may differ from those specified in the analytical method. It is assumed the analytical data package represents the best efforts of the laboratory and has been subjected to three tiers of quality review prior to release from the laboratory.

During the review process, laboratory qualified and unqualified data are verified and validated against supporting documentation. Based on the data evaluation, qualifier codes may be added, deleted, or modified by the validation chemist. Results are qualified with the following codes based on the USEPA National Functional Guidelines (NFGs):

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound was detected in the sample and its associated blank; its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

J The compound was positively identified; however, the associated numerical value is an estimated concentration.

UJ The compound was not detected above the reported sample quantitation limit; however, the reported concentration is approximate and may not represent the actual limit of quantitation.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

R The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

VOCs by EPA Method SW8260B and SW8260C SIM Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness COC/sample integrity
- ✓ Holding times and sample preservation
- ✓ Laboratory blanks/trip blanks/equipment blanks
- ✓ Surrogate spike recoveries
- ✓ Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) results
- ✓ Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) results
- ✓ Field duplicates
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action is required.

Laboratory Blanks/Equipment Blanks/Trip Blanks

Laboratory Method Blanks (MBs) are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample preparation and analysis process. The associated MB was evaluated at the Method Detection Limit (MDL) for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. Method blank results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data

validation report if the associated results were non-detect or if qualification of sample results was not required.

No analytes were detected in the associated laboratory MB. Since the acceptance criteria were met, no qualification of data was required.

Surrogate Spike Recoveries

Surrogates are structurally similar to analytes of interest; however, they are not found in the environment. All samples undergoing analysis for organic compounds are spiked with surrogate compounds prior to sample preparation and analysis. Surrogate Percent Recoveries (%R) are used to evaluate the performance of the analytical process and were reviewed for conformance with the QC acceptance criteria. The acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

No qualification of the data was required based on surrogate recoveries. All QC acceptance criteria were met, and no further action is required.

MS/MSD Results

Matrix Spike/Matrix Spike Duplicates (MS/MSDs) are used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the Relative Percent Difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. An MS was reported for the SW8260C analytical fraction; however, the "normal" parent sample was not from the Tallevast site and for that reason was not evaluated. The MS associated with the SW8260B analytical fraction was in control, and as a result no further action was required.

LCS/LCSD Results

Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the SW8260B and SW8260C analytical fractions. All QC acceptance criteria were met, and no further action was required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed; no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated ("I"). This "I" qualifier was retained during data validation.

Any sample that was analyzed at a dilution due to high concentrations of targets or non-targets was checked to ensure that the results and/or sample-specific MDLs were adjusted accordingly by the laboratory. No samples required dilution in this data set.

QUALIFICATION ACTIONS

Based on a Level II evaluation of these analytical fractions, no QC excursions were encountered or qualified. As a result, all data reported and evaluated for these analytical fractions are considered compliant and adequate for their intended use.

Metals by EPA Method SW6010B Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness COC/sample integrity
- ✓ Holding times and sample preservation
- ✓ Laboratory blanks/equipment blanks
- ✓ MS/MSD results
- ✓ Laboratory duplicate results
- ✓ LCS/LCSD results
- ✓ Field duplicates
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no results were qualified based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action was required.

Laboratory Blanks/Equipment Blanks

Laboratory MBs are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample digestion and analysis process. The associated MB was evaluated at the MDL for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. MB results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation report if the associated results were non-detect or if qualification of sample results was not required.

No analytes were detected in the associated laboratory MB. Since the acceptance criteria were met, no qualification of data was required.

MS/MSD Results

MS/MSDs ware used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the RPD between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. An MS/MSD was provided with the SW6010B analytical fraction. All QC acceptance criteria were met, and no further action was required.

LCS/LCSD Results

LCS/LCSDs are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the SW6010B analytical fraction. All QC acceptance criteria were met, and no further action was required.

Laboratory Duplicate Results

Laboratory duplicates are used to access the precision of the laboratory digestion and analysis process. Laboratory duplicates are a sub-sample of the "normal" parent sample. They are then brought through the analytical digestion and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Laboratory duplicate RPDs are reviewed for conformance with the QC criteria of <25% for aqueous matrices. An MS/MSD was digested and analyzed in lieu of a laboratory duplicate. No further action was required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed: no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated ("I"). This "I" qualifier was retained during data validation. Any sample that was analyzed at a dilution due to high concentrations of targets or non-targets was checked to ensure that the results and/or sample-specific MDLs were adjusted accordingly by the laboratory. No samples required dilution in this data set.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, no QC excursions were encountered that resulted in the rejection of the analytical data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use as qualified.

December 10, 2015

Organic
Level II Data Validation Report

Recovery Well Sampling

Analysis Performed by:
TestAmerica, Tampa, FL
SDG #660-70273-1

Prepared by Jim Refermat
Project Chemist/Data Validator

Data Validation Report

Project:	Lockheed Martin - Tallevast	
Laboratory:	TestAmerica Laboratories, Tampa Florida	
SDG:	660-70273-1	
Analyses/Method:	• Volatile Organic Compounds (VOCs) by Gas Chromatography/Mass Spectrometry (GC/MS)/SW8260B and SW8260C SIM	
Validation Level:	Level II	
Prepared by:	Jim Refermat/AECOM	Completed on December 10, 2015
Reviewed by:	Denise Oggeri/AECOM	File Name: DVR_660-70273_r1.doc

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) 660-70273-1. Only the analytical data were reviewed for this validation, field documentation is not included in this review. Included with this assessment are the validation annotated sample results and Chain-of-Custody (COC). The samples listed below were collected by AECOM from the Lockheed Martin Tallevast facility located at 1600 Tallevast Road, Sarasota, Florida 34243, on November 2nd, 3rd, 4th and 5th, 2015, and picked up at the site by TestAmerica Laboratories located in Tampa, Florida.

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
EW2001_INF	660-70273-1	Water	11/3/2015	X			
EW2002_INF	660-70273-2	Water	11/3/2015	X			
EW2003_INF	660-70273-3	Water	11/3/2015	X			
EW2004_INF	660-70273-4	Water	11/3/2015	X			
EW2005_INF	660-70273-5	Water	11/3/2015	X			
EW2006_INF	660-70273-6	Water	11/3/2015	X			
EW2007_INF	660-70273-7	Water	11/3/2015	X			
EW2008_INF	660-70273-8	Water	11/3/2015	X			
EW2009_INF	660-70273-9	Water	11/3/2015	X			
EW2010_INF	660-70273-10	Water	11/3/2015	X			
EW2011_INF	660-70273-11	Water	11/3/2015	X			
EW2012_INF	660-70273-12	Water	11/3/2015	X			
EW2013_INF	660-70273-13	Water	11/3/2015	X			
EW2014_INF	660-70273-14	Water	11/3/2015	X			
EW2015_INF	660-70273-15	Water	11/3/2015	X			
EW2016_INF	660-70273-16	Water	11/4/2015	X			
EW2017_INF	660-70273-17	Water	11/4/2015	X			
EW2018_INF	660-70273-18	Water	11/4/2015	X			

EW2019_INF	660-70273-19	Water	11/4/2015	X			
EW2020_INF	660-70273-20	Water	11/4/2015	X			
EW2021_INF	660-70273-21	Water	11/4/2015	X			
EW2022_INF	660-70273-22	Water	11/4/2015	X			
EW2023_INF	660-70273-23	Water	11/4/2015	X			
EW2024_INF	660-70273-24	Water	11/2/2015	X			
EW2025_INF	660-70273-25	Water	11/4/2015	X			
EW2026_INF	660-70273-26	Water	11/4/2015	X			
EW2027_INF	660-70273-27	Water	11/4/2015	X			
EW2028_INF	660-70273-28	Water	11/4/2015	X			
EW2029_INF	660-70273-29	Water	11/4/2015	X			
EW2030_INF	660-70273-30	Water	11/4/2015	X			
EW2031_INF	660-70273-31	Water	11/4/2015	X			
EW2032_INF	660-70273-32	Water	11/4/2015	X			
EW2033_INF	660-70273-33	Water	11/4/2015	X			
EW2034_INF	660-70273-34	Water	11/4/2015	X			
EW2036_INF	660-70273-35	Water	11/3/2015	X			
EW2037_INF	660-70273-36	Water	11/2/2015	X			
EW2101_INF	660-70273-37	Water	11/5/2015	X			
EW2102_INF	660-70273-38	Water	11/5/2015	X			
EW2103_INF	660-70273-39	Water	11/3/2015	X			
EW2104_INF	660-70273-40	Water	11/3/2015	X			
EW3001_INF	660-70273-41	Water	11/3/2015	X			
EW3002_INF	660-70273-42	Water	11/3/2015	X			
EW3003_INF	660-70273-43	Water	11/3/2015	X			
EW3004_INF	660-70273-44	Water	11/4/2015	X			
EW3005_INF	660-70273-45	Water	11/4/2015	X			
EW3006_INF	660-70273-46	Water	11/4/2015	X			
EW3007_INF	660-70273-47	Water	11/4/2015	X			
EW3008_INF	660-70273-48	Water	11/4/2015	X			
EW3009_INF	660-70273-49	Water	11/4/2015	X			
EW3010_INF	660-70273-50	Water	11/4/2015	X			
EW3011_INF	660-70273-51	Water	11/4/2015	X			
EW3012_INF	660-70273-52	Water	11/5/2015	X			
EW3013_INF	660-70273-53	Water	11/5/2015	X			
EW3014_INF	660-70273-54	Water	11/5/2015	X			
EW3015_INF	660-70273-55	Water	11/5/2015	X			
EW3016_INF	660-70273-56	Water	11/5/2015	X			
EW3017_INF	660-70273-57	Water	11/5/2015	X			
EW3018_INF	660-70273-58	Water	11/5/2015	X			
EW3019_INF	660-70273-59	Water	11/5/2015	X			
EW3020_INF	660-70273-60	Water	11/3/2015	X			

EW3021_INF	660-70273-61	Water	11/4/2015	X			
EW3022_INF	660-70273-62	Water	11/4/2015	X			
EW3023_INF	660-70273-63	Water	11/5/2015	X			
EW3024_INF	660-70273-64	Water	11/4/2015	X			
EW3025_INF	660-70273-65	Water	11/4/2015	X			
EW3026_INF	660-70273-66	Water	11/4/2015	X			
EW3027_INF	660-70273-67	Water	11/4/2015	X			
EW4001_INF	660-70273-68	Water	11/3/2015	X			
EW4002_INF	660-70273-69	Water	11/3/2015	X			
EW4003_INF	660-70273-70	Water	11/4/2015	X			
EW4004_INF	660-70273-71	Water	11/4/2015	X			
EW4005_INF	660-70273-72	Water	11/4/2015	X			
EW4006_INF	660-70273-73	Water	11/4/2015	X			
EW4007_INF	660-70273-74	Water	11/4/2015	X			
EW4008_INF	660-70273-75	Water	11/3/2015	X			
EW4009_INF	660-70273-76	Water	11/3/2015	X			
EW4010_INF	660-70273-77	Water	11/3/2015	X			
EW4011_INF	660-70273-78	Water	11/3/2015	X			
EW5001_INF	660-70273-79	Water	11/4/2015	X			
TRIP BLANK	660-70273-80	Water	11/4/2015	X			

Analytical Data Package Documentation

The table below is an evaluation of data package completeness.

Items Reviewed	Reported	Performance Acceptable	Not Required
1. Chain-of-Custody integrity	yes	yes	
2. Sample preservation and hold times	yes	yes	
3. Sample condition upon receipt checklist	yes	yes	
4. Requested analysis on COC reported	yes	yes	
5. Sample reporting and detection limits	yes	yes	
6. Sample dilution factors	yes	yes	
7. Sample preparation/extraction/analysis dates	yes	yes	
8. Case narrative complete and accurate	yes	yes	
9. Laboratory qualifier definitions provided	yes	yes	
10. Method QA/QC reported as required	yes	yes	
11. Electronic Data Deliverable (EDD) reported	yes	yes	

Analytical Data Overview

The analysis of Volatile Organic Compounds (VOCs) was performed according to United States Environmental Protection Agency (USEPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW846, specifically SW8260B Total Ion Monitoring (TIM) and SW8260C Selective Ion Monitoring (SIM). Quality Control (QC) criteria were derived from the compendium of methodologies presented in SW-846. Validation actions were derived primarily from the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (October 1999*) as they applied to the reported methodology. If additional guidance was required, *USEPA Region 4 Data Validation Standard Operating Procedure for Organic Analysis, Revision 3.1 (August 2008)* document was used, along with AECOM professional judgment.

The data review process is an evaluation of data on a technical basis rather than an assessment of contract compliance. As such, the standards against which the data are being evaluated may differ from those specified in the analytical method. It is assumed the analytical data package represents the best efforts of the laboratory and has been subjected to three tiers of quality review prior to release from the laboratory.

During the review process, laboratory qualified and unqualified data are verified and validated against supporting documentation. Based on the data evaluation, qualifier codes may be added, deleted, or modified by the validation chemist. Results are qualified with the following codes based on the USEPA National Functional Guidelines (NFGs):

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound was detected in the sample and its associated blank; its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

J The compound was positively identified; however, the associated numerical value is an estimated concentration.

UJ The compound was not detected above the reported sample quantitation limit; however, the reported concentration is approximate and may not represent the actual limit of quantitation.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

R The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

VOCs by EPA Method SW8260B and SW8260C SIM Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

✓	Data completeness COC/sample integrity
✓	Holding times and sample preservation
✓	Laboratory blanks/trip blanks/equipment blanks
✓	Surrogate spike recoveries
✓	Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) results
✗	Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) results
✓	Field duplicates
✓	Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action was required.

Laboratory Blanks/Equipment Blanks/Trip Blanks

Laboratory Method Blanks (MBs) and Trip Blanks (TBs) are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample preparation, collection, transportation and analysis process. The associated MBs and TB were evaluated at the Method Detection Limit (MDL) for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. MB and TB results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation

report if the associated results were non-detect or if qualification of sample results was not required. No target analytes were detected in the associated MBs or TB.

Surrogate Spike Recoveries

Surrogates are structurally similar to analytes of interest; however, they are not found in the environment. All samples undergoing analysis for organic compounds are spiked with surrogate compounds prior to sample preparation and analysis. Surrogate Percent Recoveries (%R) are used to evaluate the performance of the analytical process and were reviewed for conformance with the QC acceptance criteria. The acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

No qualification of the data was required based on surrogate recoveries. All QC acceptance criteria were met, and no further action is required.

MS/MSD Results

MS/MSDs are used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the Relative Percent Difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. The MS/MSD for the following analytical preparation batches were evaluated for the 8260C analytical fraction and are in-control: 163222, 163269, 163319 and 163371. No further action is required. The MS and/or MS/MSD for the following analytical preparation batches were evaluated for the 8260B analytical fraction and are in-control: 163250, 163303, 163306, 163352, 163358, 163362 and 163404. No further action is required.

Analytical preparation batch 163224 used a "normal" parent sample that was not from the Tallevast site for spiking the MS associated with the SW8260B analytical fraction. Because the sample is not site related, the MS was not evaluated. Similarly, analytical preparation batch 163412 associated with the SW8260C analytical fraction used a "normal" parent sample that was not from the Tallevast site and was not evaluated for that reason.

LCS/LCSD Results

Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS or LCS/LCSD was provided for the SW8260B and SW8260C analytical fractions. All QC acceptance criteria were met with the exception of the RPD between the LCS and LCSD for preparation batch 163358 for Dichlorodifluoromethane and preparation batch 163404 for Dichlorodifluoromethane,

Trichlorofluoromethane, and Vinyl Chloride. However since the preparation batch 163404 was a dilution analysis for Trichloroethene only, no further action is required for this specific preparation batch. For preparation batch 163358, the referenced analyte is qualified as non-detect estimated "UJ" since all samples were non-detect. No further action was required.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
EW3021_INF	660-70273-61	Dichlorodifluoromethane	UJ	Bias Low
EW3022_INF	660-70273-62	Dichlorodifluoromethane	UJ	Bias Low
EW3025_INF	660-70273-65	Dichlorodifluoromethane	UJ	Bias Low
EW3027_INF	660-70273-67	Dichlorodifluoromethane	UJ	Bias Low
EW4001_INF	660-70273-68	Dichlorodifluoromethane	UJ	Bias Low
EW4003_INF	660-70273-70	Dichlorodifluoromethane	UJ	Bias Low
EW4009_INF	660-70273-76	Dichlorodifluoromethane	UJ	Bias Low
EW4010_INF	660-70273-77	Dichlorodifluoromethane	UJ	Bias Low
EW4011_INF	660-70273-78	Dichlorodifluoromethane	UJ	Bias Low
EW5001_INF	660-70273-79	Dichlorodifluoromethane	UJ	Bias Low

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed; no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated ("I"). This "I" qualifier was retained during data validation.

Any sample that was analyzed at a dilution due to high concentrations of target or non-targets was checked to ensure that the results and/or sample specific MDLs were adjusted accordingly by the laboratory. The following samples from the 8260B analytical fraction required dilution due to analyte concentrations in the parent sample above the linear range of calibration: EW3012_INF, EW3023_INF and EW4003_INF. Several samples from the 8260C analytical fraction required dilution due to analyte concentrations in the parent sample above the linear range of calibration, however the affected samples were all reported with elevated 1,4-dioxane concentrations, and as a result, no further action is required.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, none of QC excursions encountered resulted in the rejection of data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use as qualified.

Client Sample ID: EW3020_INF

Date Collected: 11/03/15 10:26
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-60

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 16:06*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*11/16/15 16:06*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/16/15 16:06*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**89**		5.0	3.4	ug/L			11/16/15 14:52	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 14:52*	*5*
Dibromofluoromethane	*107*		*70 - 130*		*11/16/15 14:52*	*5*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/16/15 14:52*	*5*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**220**		10	5.0	ug/L			11/16/15 21:07	5

Client Sample ID: EW3021_INF

Date Collected: 11/04/15 10:35
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-61

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 15:03	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 15:03	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 15:03	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 15:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:03	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 15:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 15:03	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 15:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 15:03	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 15:03	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 15:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 15:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 15:03	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 15:03	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 15:03	1
cis-1,2-Dichloroethene	**24**		1.0	0.65	ug/L			11/16/15 15:03	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 15:03	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 15:03	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 15:03	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 15:03	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 15:03	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 15:03	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 15:03	1
Dichlorodifluoromethane	2.5	U J3 UJ	5.0	2.5	ug/L			11/16/15 15:03	1
1,1-Dichloroethane	**7.0**		1.0	0.52	ug/L			11/16/15 15:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 15:03	1
1,1-Dichloroethene	**13**		1.0	0.67	ug/L			11/16/15 15:03	1

Client Sample ID: EW3021_INF

Date Collected: 11/04/15 10:35
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-61
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**86**		4.0	2.0	ug/L			11/16/15 19:33	2

Client Sample ID: EW3022_INF

Date Collected: 11/04/15 10:16
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-62
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 10:08	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 10:08	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 10:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 10:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 10:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 10:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 10:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 10:08	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 10:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 10:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 10:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 10:08	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 10:08	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 10:08	1
cis-1,2-Dichloroethene	**9.9**		1.0	0.65	ug/L			11/16/15 10:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 10:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 10:08	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 10:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 10:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 10:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 10:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 10:08	1
Dichlorodifluoromethane	2.5	U J3 UJ	5.0	2.5	ug/L			11/16/15 10:08	1
1,1-Dichloroethane	**30**		1.0	0.52	ug/L			11/16/15 10:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 10:08	1
1,1-Dichloroethene	**27**		1.0	0.67	ug/L			11/16/15 10:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 10:08	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 10:08	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 10:08	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 10:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 10:08	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 10:08	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 10:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 10:08	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 10:08	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 10:08	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 10:08	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 10:08	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 10:08	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 10:08	1

Client Sample ID: EW3024_INF

Date Collected: 11/04/15 15:30
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-64
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**15**		2.0	1.0	ug/L			11/16/15 14:15	1

Client Sample ID: EW3025_INF

Date Collected: 11/04/15 10:10
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-65
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 15:21	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 15:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 15:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 15:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 15:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 15:21	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 15:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 15:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 15:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 15:21	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 15:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 15:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 15:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 15:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 15:21	1
cis-1,2-Dichloroethene	**5.8**		1.0	0.65	ug/L			11/16/15 15:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 15:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 15:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 15:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 15:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 15:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 15:21	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 15:21	1
Dichlorodifluoromethane	2.5	U J3 UJ	5.0	2.5	ug/L			11/16/15 15:21	1
1,1-Dichloroethane	**15**		1.0	0.52	ug/L			11/16/15 15:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 15:21	1
1,1-Dichloroethene	**23**		1.0	0.67	ug/L			11/16/15 15:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 15:21	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 15:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 15:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 15:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 15:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 15:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 15:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 15:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 15:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 15:21	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 15:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 15:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 15:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 15:21	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW3027_INF
Date Collected: 11/04/15 14:12
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-67
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 16:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 16:55	1
Dichlorodifluoromethane	2.5	U J3 UJ	5.0	2.5	ug/L			11/16/15 16:55	1
1,1-Dichloroethane	**20**		1.0	0.52	ug/L			11/16/15 16:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 16:55	1
1,1-Dichloroethene	**42**		1.0	0.67	ug/L			11/16/15 16:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 16:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 16:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 16:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 16:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 16:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 16:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 16:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 16:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 16:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 16:55	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 16:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 16:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 16:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 16:55	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 16:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 16:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 16:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 16:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 16:55	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 16:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 16:55	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 16:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 16:55	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 16:55	1
trans-1,2-Dichloroethene	**0.68**	**I**	1.0	0.67	ug/L			11/16/15 16:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 16:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 16:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 16:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 16:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 16:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 16:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 16:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 16:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 16:55	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 16:55*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*11/16/15 16:55*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*11/16/15 16:55*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**91**		5.0	2.5	ug/L			11/16/15 14:25	5

Client Sample ID: EW3027_INF

Date Collected: 11/04/15 14:12
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-67

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 14:25*	*5*
Dibromofluoromethane	*111*		*70 - 130*		*11/16/15 14:25*	*5*
Toluene-d8 (Surr)	*105*		*70 - 130*		*11/16/15 14:25*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**540**		25	15	ug/L			11/17/15 12:03	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*11/17/15 12:03*	*25*
Dibromofluoromethane	*107*		*70 - 130*		*11/17/15 12:03*	*25*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/17/15 12:03*	*25*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**190**		20	10	ug/L			11/17/15 18:35	10

Client Sample ID: EW4001_INF

Date Collected: 11/03/15 15:04
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-68

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 10:27	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 10:27	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 10:27	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 10:27	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:27	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 10:27	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 10:27	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 10:27	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 10:27	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 10:27	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 10:27	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 10:27	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 10:27	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 10:27	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 10:27	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 10:27	1
cis-1,2-Dichloroethene	**13**		1.0	0.65	ug/L			11/16/15 10:27	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 10:27	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 10:27	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 10:27	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 10:27	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 10:27	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 10:27	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 10:27	1
Dichlorodifluoromethane	2.5	U J3 UJ	5.0	2.5	ug/L			11/16/15 10:27	1
1,1-Dichloroethane	**0.95**	**I**	1.0	0.52	ug/L			11/16/15 10:27	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 10:27	1
1,1-Dichloroethene	**1.1**		1.0	0.67	ug/L			11/16/15 10:27	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-70273-1

Client Sample ID: EW4003_INF
Date Collected: 11/04/15 16:14
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-70
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	2.3	U	5.0	2.3	ug/L			11/16/15 17:39	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			11/16/15 17:39	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			11/16/15 17:39	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			11/16/15 17:39	5
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			11/16/15 17:39	5
Dichlorodifluoromethane	13	U UJ	25	13	ug/L			11/16/15 17:39	5
1,1-Dichloroethane	**31**		5.0	2.6	ug/L			11/16/15 17:39	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			11/16/15 17:39	5
1,1-Dichloroethene	**130**		5.0	3.4	ug/L			11/16/15 17:39	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			11/16/15 17:39	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			11/16/15 17:39	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			11/16/15 17:39	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			11/16/15 17:39	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			11/16/15 17:39	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			11/16/15 17:39	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			11/16/15 17:39	5
2-Hexanone	22	U	50	22	ug/L			11/16/15 17:39	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			11/16/15 17:39	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			11/16/15 17:39	5
Methylene Chloride	20	U	25	20	ug/L			11/16/15 17:39	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			11/16/15 17:39	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			11/16/15 17:39	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			11/16/15 17:39	5
Naphthalene	13	U	25	13	ug/L			11/16/15 17:39	5
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			11/16/15 17:39	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			11/16/15 17:39	5
o-Xylene	2.5	U	5.0	2.5	ug/L			11/16/15 17:39	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			11/16/15 17:39	5
Styrene	4.9	U	10	4.9	ug/L			11/16/15 17:39	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			11/16/15 17:39	5
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			11/16/15 17:39	5
1,1,2,2-Tetrachloroethane	0.85	U	5.0	0.85	ug/L			11/16/15 17:39	5
Tetrachloroethene	2.5	U	5.0	2.5	ug/L			11/16/15 17:39	5
Toluene	2.6	U	5.0	2.6	ug/L			11/16/15 17:39	5
trans-1,2-Dichloroethene	**7.7**		5.0	3.4	ug/L			11/16/15 17:39	5
trans-1,3-Dichloropropene	1.4	U	5.0	1.4	ug/L			11/16/15 17:39	5
1,2,3-Trichlorobenzene	3.9	U	5.0	3.9	ug/L			11/16/15 17:39	5
1,2,4-Trichlorobenzene	2.9	U	5.0	2.9	ug/L			11/16/15 17:39	5
1,1,1-Trichloroethane	2.4	U	5.0	2.4	ug/L			11/16/15 17:39	5
1,1,2-Trichloroethane	2.4	U	5.0	2.4	ug/L			11/16/15 17:39	5
Trichloroethene	**13**		5.0	3.1	ug/L			11/16/15 17:39	5
Trichlorofluoromethane	13	U	25	13	ug/L			11/16/15 17:39	5
1,2,3-Trichloropropane	2.2	U	5.0	2.2	ug/L			11/16/15 17:39	5
1,2,4-Trimethylbenzene	4.3	U	5.0	4.3	ug/L			11/16/15 17:39	5
1,3,5-Trimethylbenzene	2.7	U	5.0	2.7	ug/L			11/16/15 17:39	5
Vinyl chloride	**320**		5.0	3.6	ug/L			11/16/15 17:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*11/16/15 17:39*	*5*
Dibromofluoromethane	*109*		*70 - 130*		*11/16/15 17:39*	*5*

Client Sample ID: EW4009_INF
Date Collected: 11/03/15 09:35
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-76
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 12:11	1
Dichlorodifluoromethane	2.5	U J3 UJ	5.0	2.5	ug/L			11/16/15 12:11	1
1,1-Dichloroethane	**7.3**		1.0	0.52	ug/L			11/16/15 12:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 12:11	1
1,1-Dichloroethene	**3.4**		1.0	0.67	ug/L			11/16/15 12:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 12:11	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 12:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 12:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 12:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 12:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 12:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 12:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 12:11	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 12:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 12:11	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 12:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 12:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 12:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 12:11	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 12:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 12:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 12:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 12:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:11	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 12:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 12:11	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 12:11	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 12:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 12:11	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 12:11	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 12:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 12:11	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 12:11	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:11	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:11	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:11	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/16/15 12:11	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:11	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 12:11	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 12:11	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 12:11	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/16/15 12:11*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*11/16/15 12:11*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/16/15 12:11*	*1*

Client Sample ID: EW4009_INF

Lab Sample ID: 660-70273-76

Date Collected: 11/03/15 09:35

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**25**		2.0	1.0	ug/L			11/16/15 17:04	1

Client Sample ID: EW4010_INF

Lab Sample ID: 660-70273-77

Date Collected: 11/03/15 15:23

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 12:30	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 12:30	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:30	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 12:30	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:30	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 12:30	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 12:30	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 12:30	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:30	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 12:30	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 12:30	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:30	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 12:30	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 12:30	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 12:30	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 12:30	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/16/15 12:30	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 12:30	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 12:30	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 12:30	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 12:30	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 12:30	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 12:30	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 12:30	1
Dichlorodifluoromethane	2.5	U J3 UJ	5.0	2.5	ug/L			11/16/15 12:30	1
1,1-Dichloroethane	**1.7**		1.0	0.52	ug/L			11/16/15 12:30	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 12:30	1
1,1-Dichloroethene	**1.7**		1.0	0.67	ug/L			11/16/15 12:30	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 12:30	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 12:30	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 12:30	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 12:30	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 12:30	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 12:30	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 12:30	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 12:30	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 12:30	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 12:30	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 12:30	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 12:30	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 12:30	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 12:30	1

Client Sample ID: EW4011_INF
Date Collected: 11/03/15 15:40
Date Received: 11/05/15 15:10

Lab Sample ID: 660-70273-78
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:49	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 12:49	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 12:49	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 12:49	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 12:49	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			11/16/15 12:49	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 12:49	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 12:49	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 12:49	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 12:49	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 12:49	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 12:49	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 12:49	1
Dichlorodifluoromethane	2.5	U J3 UJ	5.0	2.5	ug/L			11/16/15 12:49	1
1,1-Dichloroethane	**1.9**		1.0	0.52	ug/L			11/16/15 12:49	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 12:49	1
1,1-Dichloroethene	**1.9**		1.0	0.67	ug/L			11/16/15 12:49	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 12:49	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			11/16/15 12:49	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			11/16/15 12:49	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			11/16/15 12:49	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			11/16/15 12:49	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			11/16/15 12:49	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			11/16/15 12:49	1
2-Hexanone	4.4	U	10	4.4	ug/L			11/16/15 12:49	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			11/16/15 12:49	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			11/16/15 12:49	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			11/16/15 12:49	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			11/16/15 12:49	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			11/16/15 12:49	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			11/16/15 12:49	1
Naphthalene	2.5	U	5.0	2.5	ug/L			11/16/15 12:49	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			11/16/15 12:49	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			11/16/15 12:49	1
o-Xylene	0.50	U	1.0	0.50	ug/L			11/16/15 12:49	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			11/16/15 12:49	1
Styrene	0.98	U	2.0	0.98	ug/L			11/16/15 12:49	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			11/16/15 12:49	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			11/16/15 12:49	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			11/16/15 12:49	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			11/16/15 12:49	1
Toluene	0.51	U	1.0	0.51	ug/L			11/16/15 12:49	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			11/16/15 12:49	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			11/16/15 12:49	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			11/16/15 12:49	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 12:49	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:49	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			11/16/15 12:49	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			11/16/15 12:49	1

Client Sample ID: EW4011_INF

Lab Sample ID: 660-70273-78

Date Collected: 11/03/15 15:40

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			11/16/15 12:49	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			11/16/15 12:49	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			11/16/15 12:49	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			11/16/15 12:49	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			11/16/15 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*11/16/15 12:49*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*11/16/15 12:49*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/16/15 12:49*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**30**		2.0	1.0	ug/L			11/16/15 17:41	1

Client Sample ID: EW5001_INF

Lab Sample ID: 660-70273-79

Date Collected: 11/04/15 13:54

Matrix: Water

Date Received: 11/05/15 15:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			11/16/15 13:08	1
Benzene	0.50	U	1.0	0.50	ug/L			11/16/15 13:08	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			11/16/15 13:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			11/16/15 13:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			11/16/15 13:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			11/16/15 13:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			11/16/15 13:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			11/16/15 13:08	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			11/16/15 13:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			11/16/15 13:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			11/16/15 13:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			11/16/15 13:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			11/16/15 13:08	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			11/16/15 13:08	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			11/16/15 13:08	1
cis-1,2-Dichloroethene	**4.0**		1.0	0.65	ug/L			11/16/15 13:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			11/16/15 13:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			11/16/15 13:08	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			11/16/15 13:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			11/16/15 13:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			11/16/15 13:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			11/16/15 13:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			11/16/15 13:08	1
Dichlorodifluoromethane	2.5	U J3 UJ	5.0	2.5	ug/L			11/16/15 13:08	1
1,1-Dichloroethane	**0.74**	**I**	1.0	0.52	ug/L			11/16/15 13:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			11/16/15 13:08	1
1,1-Dichloroethene	**1.7**		1.0	0.67	ug/L			11/16/15 13:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			11/16/15 13:08	1

February 9, 2016

Organic and Inorganic Level II Data Validation Report

Effluent Compliance Sampling

Analysis Performed by: TestAmerica, Tampa, FL SDG # 660-71844-1

Prepared by Jim Refermat
Project Chemist/Data Validator

Data Validation Report

Project:	Lockheed Martin - Tallevast	
Laboratory:	TestAmerica Laboratories, Tampa Florida	
SDG:	660-71844-1	
Analyses/Method:	• Volatile Organic Compounds (VOCs) by Gas Chromatography/Mass Spectrometry (GC/MS)/SW8260B and SW8260C SIM • Metals by Inductively Coupled Plasma – Atomic Emission Spectrometry (ICP-AES)/SW6010B	
Validation Level:	Level II	
Prepared by:	Jim Refermat/AECOM	Completed on: February 9, 2016
Reviewed by:	Julie Cassetta/AECOM	File Name: DVR_660-71844-1_r1.doc

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) 660-71844-1. Only the analytical data were reviewed for this validation; field documentation is not included in this review. Included with this assessment are the validation annotated sample results and Chain-of- Custody (COC). The sample listed below was collected by AECOM from the Lockheed Martin Tallevast facility located at 1600 Tallevast Road, Sarasota, Florida 34243, on February 2nd, 2016 and picked up at the site by TestAmerica Laboratories located in Tampa, Florida.

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
POTW Effluent	660-71844-1	Water	02/02/2016	X	X		

Analytical Data Package Documentation

The table below is an evaluation of data package completeness.

Items Reviewed	Reported	Performance Acceptable	Not Required
1. Chain-of-Custody integrity	yes	yes	
2. Sample preservation and hold times	yes	yes	
3. Sample condition upon receipt checklist	yes	yes	
4. Requested analysis on COC reported	yes	yes	
5. Sample reporting and detection limits	yes	yes	
6. Sample dilution factors	yes	yes	
7. Sample preparation/extraction/analysis dates	yes	yes	
8. Case narrative complete and accurate	yes	yes	
9. Laboratory qualifier definitions provided	yes	yes	
10. Method QA/QC reported as required	yes	yes	
11. Electronic Data Deliverable (EDD) reported	yes	yes	

Analytical Data Overview

The analysis of Volatile Organic Compounds (VOCs) was performed according to United States Environmental Protection Agency (USEPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW846, specifically SW8260B Total Ion Monitoring (TIM) and SW8260C Selective Ion Monitoring (SIM). Metals analysis was performed according to SW6010B Atomic Emission Spectrometry (AES). Quality Control (QC) criteria were derived from the compendium of methodologies presented in SW-846. Validation actions were derived primarily from the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (October 1999*) and the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (February 1994)*, as they applied to the reported methodology. If additional guidance was required, *USEPA Region 4 Data Validation Standard Operating Procedure for Organic Analysis, Revision 3.1 (August 2008)* document was used, along with AECOM professional judgment.

The data review process is an evaluation of data on a technical basis rather than an assessment of contract compliance. As such, the standards against which the data are being evaluated may differ from those specified in the analytical method. It is assumed the analytical data package represents the best efforts of the laboratory and has been subjected to three tiers of quality review prior to release from the laboratory.

During the review process, laboratory qualified and unqualified data are verified and validated against supporting documentation. Based on the data evaluation, qualifier codes may be added, deleted, or modified by the validation chemist. Results are qualified with the following codes based on the USEPA National Functional Guidelines (NFGs):

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound was detected in the sample and its associated blank; its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

J The compound was positively identified; however, the associated numerical value is an estimated concentration.

UJ The compound was not detected above the reported sample quantitation limit; however, the reported concentration is approximate and may not represent the actual limit of quantitation.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

R The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

VOCs by EPA Method SW8260B and SW8260C SIM Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness COC/sample integrity
- ✓ Holding times and sample preservation
- ✓ Laboratory blanks/trip blanks/equipment blanks
- ✓ Surrogate spike recoveries
- ✓ Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) results
- ✓ Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) results
- ✓ Field duplicates
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action is required.

Laboratory Blanks/Equipment Blanks/Trip Blanks

Laboratory Method Blanks (MBs) are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample preparation and analysis process. The associated MB was evaluated at the Method Detection Limit (MDL) for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. Method blank results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data

validation report if the associated results were non-detect or if qualification of sample results was not required.

No analytes were detected in the associated laboratory MB. Since the acceptance criteria were met, no qualification of data was required.

Surrogate Spike Recoveries

Surrogates are structurally similar to analytes of interest; however, they are not found in the environment. All samples undergoing analysis for organic compounds are spiked with surrogate compounds prior to sample preparation and analysis. Surrogate Percent Recoveries (%R) are used to evaluate the performance of the analytical process and were reviewed for conformance with the QC acceptance criteria. The acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

No qualification of the data was required based on surrogate recoveries. All QC acceptance criteria were met, and no further action is required.

MS/MSD Results

Matrix Spike/Matrix Spike Duplicates (MS/MSDs) are used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the Relative Percent Difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

Analytical preparation batches 166143 and 166147 used a "normal" parent sample that was not from the Tallevast site for spiking the MS associated with the SW8260B and SW8260C analytical fractions respectively. Because the sample is not site related, the MS was not evaluated.

LCS/LCSD Results

Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the SW8260B and SW8260C analytical fractions. All QC acceptance criteria were met, and no further action was required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process

in the same manner as the “normal” parent sample and evaluated for RPD between detected analytes greater than four times the Reporting Limit (RL).

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed; no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated (“I”). This "I" qualifier was retained during data validation.

Any sample that was analyzed at a dilution due to high concentrations of targets or non-targets was checked to ensure that the results and/or sample-specific MDLs were adjusted accordingly by the laboratory. No samples required dilution in this data set.

QUALIFICATION ACTIONS

Based on a Level II evaluation of these analytical fractions, no QC excursions were encountered or qualified. As a result, all data reported and evaluated for these analytical fractions are considered compliant and adequate for their intended use.

Metals by EPA Method SW6010B Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness COC/sample integrity
- ✓ Holding times and sample preservation
- ✓ Laboratory blanks/equipment blanks
- ✓ MS/MSD results
- ✓ Laboratory duplicate results
- ✓ LCS/LCSD results
- ✓ Field duplicates
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no results were qualified based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action was required.

Laboratory Blanks/Equipment Blanks

Laboratory MBs are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample digestion and analysis process. The associated MB was evaluated at the MDL for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. MB results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation report if the associated results were non-detect or if qualification of sample results was not required.

No analytes were detected in the associated laboratory MB. Since the acceptance criteria were met, no qualification of data was required.

MS/MSD Results

MS/MSDs ware used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the RPD between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

Analytical preparation batch 166193 associated with the SW6010B analytical fraction used a "normal" parent sample that was not from the Tallevast site and was not evaluated for that reason.

LCS/LCSD Results

LCS/LCSDs are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the SW6010B analytical fraction. All QC acceptance criteria were met, and no further action was required.

Laboratory Duplicate Results

Laboratory duplicates are used to access the precision of the laboratory digestion and analysis process. Laboratory duplicates are a sub-sample of the "normal" parent sample. They are then brought through the analytical digestion and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Laboratory duplicate RPDs are reviewed for conformance with the QC criteria of <25% for aqueous matrices. An MS/MSD was digested and analyzed in lieu of a laboratory duplicate. No further action was required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed: no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated (“I”). This "I" qualifier was retained during data validation. Any sample that was analyzed at a dilution due to high concentrations of targets or non-targets was checked to ensure that the results and/or sample-specific MDLs were adjusted accordingly by the laboratory. No samples required dilution in this data set.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, no QC excursions were encountered that resulted in the rejection of the analytical data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use as qualified.

March 14, 2016

Organic
Level II Data Validation Report

Recovery Well Sampling

Analysis Performed by:
TestAmerica, Tampa, FL
SDG #660-72177-1

Prepared by Jim Refermat
Project Chemist/Data Validator

Data Validation Report

Project:	Lockheed Martin - Tallevast	
Laboratory:	TestAmerica Laboratories, Tampa Florida	
SDG:	660-72177-1	
Analyses/Method:	• Volatile Organic Compounds (VOCs) by Gas Chromatography/Mass Spectrometry (GC/MS)/SW8260B and SW8260C SIM	
Validation Level:	Level II	
Prepared by:	Jim Refermat/AECOM	Completed on: March 14, 2016
Reviewed by:	Julie Cassetta/AECOM	File Name: DVR_660-72177_r1.doc

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) 660-72177-1. Only the analytical data were reviewed for this validation, field documentation is not included in this review. Included with this assessment are the validation annotated sample results and Chain-of-Custody (COC). The samples listed below were collected by AECOM from the Lockheed Martin Tallevast facility located at 1600 Tallevast Road, Sarasota, Florida 34243, on February 17th, 18th and 19th, 2016 and picked up at the site by TestAmerica Laboratories located in Tampa, Florida.

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
EW2001_INF	660-72177-1	Water	2/18/2016	X			
EW2002_INF	660-72177-2	Water	2/18/2016	X			
EW2003_INF	660-72177-3	Water	2/18/2016	X			
EW2004_INF	660-72177-4	Water	2/18/2016	X			
EW2005_INF	660-72177-5	Water	2/18/2016	X			
EW2006_INF	660-72177-6	Water	2/18/2016	X			
EW2007_INF	660-72177-7	Water	2/18/2016	X			
EW2008_INF	660-72177-8	Water	2/17/2016	X			
EW2009_INF	660-72177-9	Water	2/17/2016	X			
EW2010_INF	660-72177-10	Water	2/17/2016	X			
EW2011_INF	660-72177-11	Water	2/17/2016	X			
EW2012_INF	660-72177-12	Water	2/18/2016	X			
EW2013_INF	660-72177-13	Water	2/18/2016	X			
EW2014_INF	660-72177-14	Water	2/18/2016	X			
EW2015_INF	660-72177-15	Water	2/17/2016	X			
EW2016_INF	660-72177-16	Water	2/19/2016	X			
EW2017_INF	660-72177-17	Water	2/19/2016	X			
Sample ID	**Lab ID**	**Matrix**	**Sample**	**VOCs**	**Metals**	**Anions**	**Wet**

			Collection Date				Chemistry
EW2018_INF	660-72177-18	Water	2/19/2016	X			
EW2019_INF	660-72177-19	Water	2/19/2016	X			
EW2020_INF	660-72177-20	Water	2/19/2016	X			
EW2021_INF	660-72177-21	Water	2/19/2016	X			
EW2022_INF	660-72177-22	Water	2/19/2016	X			
EW2023_INF	660-72177-23	Water	2/19/2016	X			
EW2024_INF	660-72177-24	Water	2/19/2016	X			
EW2025_INF	660-72177-25	Water	2/19/2016	X			
EW2026_INF	660-72177-26	Water	2/19/2016	X			
EW2027_INF	660-72177-27	Water	2/19/2016	X			
EW2028_INF	660-72177-28	Water	2/19/2016	X			
EW2029_INF	660-72177-29	Water	2/19/2016	X			
EW2030_INF	660-72177-30	Water	2/19/2016	X			
EW2031_INF	660-72177-31	Water	2/19/2016	X			
EW2032_INF	660-72177-32	Water	2/19/2016	X			
EW2033_INF	660-72177-33	Water	2/19/2016	X			
EW2034_INF	660-72177-34	Water	2/17/2016	X			
EW2035_INF	660-72177-35	Water	2/18/2016	X			
EW2036_INF	660-72177-36	Water	2/18/2016	X			
EW2037_INF	660-72177-37	Water	2/18/2016	X			
EW3001_INF	660-72177-38	Water	2/17/2016	X			
EW3002_INF	660-72177-39	Water	2/17/2016	X			
EW3003_INF	660-72177-40	Water	2/17/2016	X			
EW3004_INF	660-72177-41	Water	2/19/2016	X			
EW3005_INF	660-72177-42	Water	2/19/2016	X			
EW3006_INF	660-72177-43	Water	2/19/2016	X			
EW3007_INF	660-72177-44	Water	2/19/2016	X			
EW3008_INF	660-72177-45	Water	2/19/2016	X			
EW3009_INF	660-72177-46	Water	2/19/2016	X			
EW3010_INF	660-72177-47	Water	2/19/2016	X			
EW3011_INF	660-72177-48	Water	2/17/2016	X			
EW3012_INF	660-72177-49	Water	2/18/2016	X			
EW3013_INF	660-72177-50	Water	2/18/2016	X			
EW3014_INF	660-72177-51	Water	2/18/2016	X			
EW3015_INF	660-72177-52	Water	2/18/2016	X			
EW3016_INF	660-72177-53	Water	2/18/2016	X			
EW3017_INF	660-72177-54	Water	2/18/2016	X			
EW3018_INF	660-72177-55	Water	2/18/2016	X			
EW3019_INF	660-72177-56	Water	2/18/2016	X			

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
EW3020_INF	660-72177-57	Water	2/18/2016	X			
EW3021_INF	660-72177-58	Water	2/18/2016	X			
EW3022_INF	660-72177-59	Water	2/18/2016	X			
EW3023_INF	660-72177-60	Water	2/18/2016	X			
EW3024_INF	660-72177-61	Water	2/19/2016	X			
EW3025_INF	660-72177-62	Water	2/18/2016	X			
EW3026_INF	660-72177-63	Water	2/18/2016	X			
EW3027_INF	660-72177-64	Water	2/19/2016	X			
EW4001_INF	660-72177-65	Water	2/18/2016	X			
EW4002_INF	660-72177-66	Water	2/17/2016	X			
EW4003_INF	660-72177-67	Water	2/19/2016	X			
EW4004_INF	660-72177-68	Water	2/17/2016	X			
EW4005_INF	660-72177-69	Water	2/19/2016	X			
EW4006_INF	660-72177-70	Water	2/18/2016	X			
EW4007_INF	660-72177-71	Water	2/18/2016	X			
EW4008_INF	660-72177-72	Water	2/18/2016	X			
EW4009_INF	660-72177-73	Water	2/18/2016	X			
EW4010_INF	660-72177-74	Water	2/18/2016	X			
EW4011_INF	660-72177-75	Water	2/18/2016	X			
EW5001_INF	660-72177-76	Water	2/19/2016	X			
EW5002_INF	660-72177-77	Water	2/18/2016	X			
EW2101_INF	660-72177-78	Water	2/18/2016	X			
EW2102_INF	660-72177-79	Water	2/18/2016	X			
EW2103_INF	660-72177-80	Water	2/19/2016	X			
EW2104_INF	660-72177-81	Water	2/18/2016	X			
Trip Blank	660-72177-82	Water	2/17/2016	X			

Analytical Data Package Documentation

The table below is an evaluation of data package completeness.

Items Reviewed	Reported	Performance Acceptable	Not Required
1. Chain-of-Custody integrity	yes	yes	
2. Sample preservation and hold times	yes	yes	
3. Sample condition upon receipt checklist	yes	yes	
4. Requested analysis on COC reported	yes	yes	
5. Sample reporting and detection limits	yes	yes	
6. Sample dilution factors	yes	yes	
7. Sample preparation/extraction/analysis dates	yes	yes	
8. Case narrative complete and accurate	yes	yes	
9. Laboratory qualifier definitions provided	yes	yes	
10. Method QA/QC reported as required	yes	yes	
11. Electronic Data Deliverable (EDD) reported	yes	yes	

Analytical Data Overview

The analysis of Volatile Organic Compounds (VOCs) was performed according to United States Environmental Protection Agency (USEPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW846, specifically SW8260B Total Ion Monitoring (TIM) and SW8260C Selective Ion Monitoring (SIM). Quality Control (QC) criteria were derived from the compendium of methodologies presented in SW-846. Validation actions were derived primarily from the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (October 1999*) as they applied to the reported methodology. If additional guidance was required, *USEPA Region 4 Data Validation Standard Operating Procedure for Organic Analysis, Revision 3.1 (August 2008)* document was used, along with AECOM professional judgment.

The data review process is an evaluation of data on a technical basis rather than an assessment of contract compliance. As such, the standards against which the data are being evaluated may differ from those specified in the analytical method. It is assumed the analytical data package represents the best efforts of the laboratory and has been subjected to three tiers of quality review prior to release from the laboratory.

During the review process, laboratory qualified and unqualified data are verified and validated against supporting documentation. Based on the data evaluation, qualifier codes may be added, deleted, or modified by the validation chemist. Results are qualified with the following codes based on the USEPA National Functional Guidelines (NFGs):

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound was detected in the sample and its associated blank; its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

D The concentration is based on a diluted sample analysis.

- Validation Qualifiers

J The compound was positively identified; however, the associated numerical value is an estimated concentration.

UJ The compound was not detected above the reported sample quantitation limit; however, the reported concentration is approximate and may not represent the actual limit of quantitation.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

R The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

VOCs by EPA Method SW8260B and SW8260C SIM Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

✓	Data completeness COC/sample integrity
✓	Holding times and sample preservation
✓	Laboratory blanks/trip blanks/equipment blanks
✓	Surrogate spike recoveries
✗	Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) results
✓	Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) results
✓	Field duplicates
✓	Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action was required.

Laboratory Blanks/Equipment Blanks/Trip Blanks

Laboratory Method Blanks (MBs) and Trip Blanks (TBs) are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample preparation, collection, transportation and analysis process. The associated MBs and TB were evaluated at the Method Detection Limit (MDL) for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. MB results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation report if

the associated results were non-detect or if qualification of sample results was not required. No target analytes were detected in the MBs or TB.

Surrogate Spike Recoveries

Surrogates are structurally similar to analytes of interest; however, they are not found in the environment. All samples undergoing analysis for organic compounds are spiked with surrogate compounds prior to sample preparation and analysis. Surrogate Percent Recoveries (%R) are used to evaluate the performance of the analytical process and were reviewed for conformance with the QC acceptance criteria. The acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

No qualification of the data was required based on surrogate recoveries. All QC acceptance criteria were met, and no further action is required.

MS/MSD Results

MS/MSDs are used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the Relative Percent Difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. The MS/MSD for the following analytical preparation batches were evaluated for the SW8260C analytical fraction and are in-control: 166586, 166637, 166686, and 166790. No further action is required. The MS and/or MS/MSD for following analytical preparation batches were evaluated for the SW8260B analytical fraction and are in-control: 166823, 166832, 166851,166878, 166882,166885 and 166929. No further action is required.

Analytical preparation batch 166838 used a "normal" parent sample that was not from the Tallevast site for spiking the MS associated with the SW8260B analytical fraction. Because the sample is not site related, the MS was not evaluated. Similarly, analytical preparation batch 166729 and 166856 associated with SW8260C analytical fraction used a "normal" parent sample that was not from the Tallevast site and was not evaluated for that reason.

The MS results Chlorodibromomethane from preparation batch 166878 exceeded criteria bias low, as a result, the "normal" parent sample in the associated preparation batch is qualified as estimated non-detect estimated "UJ" for the referenced analyte.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
EW3014_INF	660-72177-51	Chlorodibromomethane	UJ	Bias Low

LCS/LCSD Results

Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples

are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the SW8260B and SW8260C analytical fractions. All QC acceptance criteria were met, and no further action was required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed; no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated ("I"). This "I" qualifier was retained during data validation.

Any sample that was analyzed at a dilution due to high concentrations of target or non-targets was checked to ensure that the results and/or sample specific MDLs were adjusted accordingly by the laboratory. The following samples from the 8260B analytical fraction required dilution due to analyte concentrations in the parent sample above the linear range of calibration: EW3012_INF, EW-3023_INF, EW3027_INF and EW4003_INF. Several samples from the 8260C analytical fraction required dilution due to analyte concentrations in the parent sample above the linear range of calibration, however the affected samples were all reported with elevated 1,4-dioxane concentrations, and as a result, no further action is required.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, none of QC excursions encountered resulted in the rejection of data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use as qualified.

Client Sample ID: EW-3014_INF
Date Collected: 02/18/16 07:19
Date Received: 02/19/16 13:50

Lab Sample ID: 660-72177-51
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier		PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U		20	9.9	ug/L			02/29/16 23:05	1
Benzene	0.50	U		1.0	0.50	ug/L			02/29/16 23:05	1
Bromobenzene	0.58	U		1.0	0.58	ug/L			02/29/16 23:05	1
Bromoform	0.63	U		1.0	0.63	ug/L			02/29/16 23:05	1
Bromomethane	2.5	U		5.0	2.5	ug/L			02/29/16 23:05	1
2-Butanone (MEK)	8.4	U		10	8.4	ug/L			02/29/16 23:05	1
Carbon disulfide	**4.3**			2.0	1.0	ug/L			02/29/16 23:05	1
Carbon tetrachloride	0.43	U		1.0	0.43	ug/L			02/29/16 23:05	1
Chlorobenzene	0.63	U		1.0	0.63	ug/L			02/29/16 23:05	1
Chlorobromomethane	0.58	U		1.0	0.58	ug/L			02/29/16 23:05	1
Chlorodibromomethane	0.31	~~U J3~~	UJ	1.0	0.31	ug/L			02/29/16 23:05	1
Chloroethane	2.5	U		5.0	2.5	ug/L			02/29/16 23:05	1
Chloroform	0.90	U		1.0	0.90	ug/L			02/29/16 23:05	1
Chloromethane	1.0	U		4.0	1.0	ug/L			02/29/16 23:05	1
2-Chlorotoluene	0.65	U		1.0	0.65	ug/L			02/29/16 23:05	1
4-Chlorotoluene	0.52	U		1.0	0.52	ug/L			02/29/16 23:05	1
cis-1,2-Dichloroethene	**4.3**			1.0	0.65	ug/L			02/29/16 23:05	1
cis-1,3-Dichloropropene	0.39	U		1.0	0.39	ug/L			02/29/16 23:05	1
1,2-Dibromo-3-Chloropropane	2.5	U		5.0	2.5	ug/L			02/29/16 23:05	1
Dibromomethane	0.46	U		1.0	0.46	ug/L			02/29/16 23:05	1
1,2-Dichlorobenzene	0.49	U		1.0	0.49	ug/L			02/29/16 23:05	1
1,3-Dichlorobenzene	0.64	U		1.0	0.64	ug/L			02/29/16 23:05	1
1,4-Dichlorobenzene	0.60	U		1.0	0.60	ug/L			02/29/16 23:05	1
Dichlorobromomethane	0.44	U		1.0	0.44	ug/L			02/29/16 23:05	1
Dichlorodifluoromethane	2.5	U		5.0	2.5	ug/L			02/29/16 23:05	1
1,1-Dichloroethane	**3.6**			1.0	0.52	ug/L			02/29/16 23:05	1
1,2-Dichloroethane	0.57	U		1.0	0.57	ug/L			02/29/16 23:05	1
1,1-Dichloroethene	**8.7**			1.0	0.67	ug/L			02/29/16 23:05	1
1,2-Dichloropropane	0.52	U		1.0	0.52	ug/L			02/29/16 23:05	1
1,3-Dichloropropane	0.42	U		1.0	0.42	ug/L			02/29/16 23:05	1
2,2-Dichloropropane	0.36	U		1.0	0.36	ug/L			02/29/16 23:05	1
1,1-Dichloropropene	0.65	U		1.0	0.65	ug/L			02/29/16 23:05	1
Ethylbenzene	0.44	U		1.0	0.44	ug/L			02/29/16 23:05	1
Ethylene Dibromide	0.50	U		1.0	0.50	ug/L			02/29/16 23:05	1
Hexachlorobutadiene	0.34	U		1.0	0.34	ug/L			02/29/16 23:05	1
2-Hexanone	4.4	U		10	4.4	ug/L			02/29/16 23:05	1
Isopropylbenzene	0.52	U		1.0	0.52	ug/L			02/29/16 23:05	1
4-Isopropyltoluene	0.69	U		1.0	0.69	ug/L			02/29/16 23:05	1
Methylene Chloride	4.0	U		5.0	4.0	ug/L			02/29/16 23:05	1
4-Methyl-2-pentanone (MIBK)	4.0	U		10	4.0	ug/L			02/29/16 23:05	1
Methyl tert-butyl ether	0.44	U		1.0	0.44	ug/L			02/29/16 23:05	1
m-Xylene & p-Xylene	0.60	U		2.0	0.60	ug/L			02/29/16 23:05	1
Naphthalene	2.5	U		5.0	2.5	ug/L			02/29/16 23:05	1
n-Butylbenzene	0.67	U		1.0	0.67	ug/L			02/29/16 23:05	1
N-Propylbenzene	0.59	U		1.0	0.59	ug/L			02/29/16 23:05	1
o-Xylene	0.50	U		1.0	0.50	ug/L			02/29/16 23:05	1
sec-Butylbenzene	0.63	U		1.0	0.63	ug/L			02/29/16 23:05	1
Styrene	0.98	U		2.0	0.98	ug/L			02/29/16 23:05	1
tert-Butylbenzene	0.84	U		1.0	0.84	ug/L			02/29/16 23:05	1

March 24, 2015

Organic
Level II Data Validation Report

Monitoring Well Sampling

Analysis Performed by:
TestAmerica, Tampa, FL
SDG #660-72250-1

Prepared by Jim Refermat
Project Chemist/Data Validator

Data Validation Report

Project:	Lockheed Martin - Tallevast
Laboratory:	TestAmerica Laboratories, Tampa Florida
SDG:	660-72250-1
Analyses/Method:	• Volatile Organic Compounds (VOCs) by Gas Chromatography/Mass Spectrometry (GC/MS)/SW8260B and SW8260C SIM
Validation Level:	Level II
Prepared by:	Jim Refermat/AECOM — Completed on: March 24, 2016
Reviewed by:	Julie Cassetta/AECOM — File Name: DVR_660-72250-1_r1.doc

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) 660-72250-1. SDG 660-72250-1 contains the following sub SDGs reported under a single cover: 660-72250, 660-72281 and 660-72417. Only the analytical data were reviewed for this validation, field documentation is not included in this review. Included with this assessment are the validation annotated sample results and Chain-of-Custody (COC). The samples listed below were collected by AECOM from the Lockheed Martin Tallevast facility located at 1600 Tallevast Road, Sarasota, Florida 34243, on February 22nd, 23rd, 24th, 25th and March 3rd, 2016. The referenced samples were picked up at the site by TestAmerica Laboratories located in Tampa, Florida.

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
MW-27	660-72250-1	Water	02/22/2016	X			
MW-29	660-72250-2	Water	02/22/2016	X			
MW-33	660-72250-3	Water	02/23/2016	X			
MW-34	660-72250-4	Water	02/23/2016	X			
MW-35	660-72250-5	Water	02/23/2016	X			
MW-37	660-72250-6	Water	02/23/2016	X			
MW-43	660-72250-7	Water	02/23/2016	X			
MW-47	660-72250-8	Water	02/23/2016	X			
MW-48	660-72250-9	Water	02/23/2016	X			
MW-54	660-72250-10	Water	02/22/2016	X			
MW-57	660-72250-11	Water	02/23/2016	X			
MW-63	660-72250-12	Water	02/23/2016	X			

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
MW-65	660-72250-13	Water	02/23/2016	X			
MW-69	660-72250-14	Water	02/22/2016	X			
MW-72	660-72250-15	Water	02/23/2016	X			
MW-72(DUP)	660-72250-16	Water	02/23/2016	X			
MW-75	660-72250-19	Water	02/23/2016	X			
MW-79	660-72250-20	Water	02/23/2016	X			
MW-80	660-72250-21	Water	02/23/2016	X			
MW-81	660-72250-22	Water	02/23/2016	X			
MW-82	660-72250-23	Water	02/23/2016	X			
MW-85	660-72250-24	Water	02/22/2016	X			
MW-85 (DUP)	660-72250-25	Water	02/23/2016	X			
MW-86R	660-72250-28	Water	02/22/2016	X			
MW-91	660-72250-29	Water	02/23/2016	X			
MW-94	660-72250-30	Water	02/23/2016	X			
MW-98	660-72250-31	Water	02/22/2016	X			
MW-100	660-72250-32	Water	02/22/2016	X			
MW-101	660-72250-33	Water	02/22/2016	X			
MW-102	660-72250-34	Water	02/22/2016	X			
MW-102 (DUP)	660-72250-35	Water	02/22/2016	X			
MW-104	660-72250-38	Water	02/22/2016	X			
MW-108	660-72250-39	Water	02/23/2016	X			
MW-114	660-72250-40	Water	02/23/2016	X			
MW-131	660-72250-41	Water	02/23/2016	X			
MW-133	660-72250-42	Water	02/22/2016	X			
MW-215	660-72250-43	Water	02/22/2016	X			
MW-231	660-72250-44	Water	02/22/2016	X			
MW-239	660-72250-45	Water	02/23/2016	X			
MW-249	660-72250-46	Water	02/22/2016	X			
MW-250	660-72250-47	Water	02/22/2016	X			
MW-255	660-72250-48	Water	02/22/2016	X			
Blank-32	660-72250-49	Water	02/22/2016	X			
Blank-33	660-72250-50	Water	02/22/2016	X			
Blank-34	660-72250-51	Water	02/23/2016	X			
T Blank 72250	660-72250-52	Water	02/23/2016	X			
IWI-1	660-72281-1	Water	02/24/2016	X			

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
MW-19	660-72281-2	Water	02/24/2016	X			
MW-23	660-72281-3	Water	02/24/2016	X			
MW-32	660-72281-4	Water	02/25/2016	X			
MW-36	660-72281-5	Water	02/25/2016	X			
MW-40	660-72281-6	Water	02/25/2016	X			
MW-41	660-72281-7	Water	02/24/2016	X			
MW-42	660-72281-8	Water	02/25/2016	X			
MW-44	660-72281-9	Water	02/24/2016	X			
MW-45	660-72281-10	Water	02/25/2016	X			
MW-71	660-72281-11	Water	02/24/2016	X			
MW-128	660-72281-12	Water	02/24/2016	X			
MW-129	660-72281-13	Water	02/25/2016	X			
MW-134	660-72281-14	Water	02/24/2016	X			
MW-158	660-72281-15	Water	02/24/2016	X			
MW-233	660-72281-16	Water	02/24/2016	X			
MW-253	660-72281-17	Water	02/24/2016	X			
MW-254	660-72281-18	Water	02/25/2016	X			
Trip Blank 72281	660-72281-19	Water	02/24/2016	X			
MW-68	660-72417-1	Water	03/03/2016	X			

Analytical Data Package Documentation

The table below is an evaluation of data package completeness.

Items Reviewed	Reported	Performance Acceptable	Not Required
1. Chain-of-Custody integrity	yes	yes	
2. Sample preservation and hold times	yes	yes	
3. Sample condition upon receipt checklist	yes	yes	
4. Requested analysis on COC reported	yes	yes	
5. Sample reporting and detection limits	yes	yes	
6. Sample dilution factors	yes	yes	
7. Sample preparation/extraction/analysis dates	yes	yes	
8. Case narrative complete and accurate	yes	yes	
9. Laboratory qualifier definitions provided	yes	yes	
10. Method QA/QC reported as required	yes	yes	
11. Electronic Data Deliverable (EDD) reported	yes	yes	

Analytical Data Overview

The analysis of Volatile Organic Compounds (VOCs) was performed according to United States Environmental Protection Agency (USEPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW846, specifically SW8260B Total Ion Monitoring (TIM) and SW8260C SIM Selective Ion Monitoring (SIM). Quality Control (QC) criteria were derived from the compendium of methodologies presented in SW-846. Validation actions were derived primarily from the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (October 1999*) and the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (February 1994)*, as they applied to the reported methodology. If additional guidance was required, *USEPA Region 4 Data Validation Standard Operating Procedure for Organic Analysis, Revision 3.1 (August 2008)* document was used, along with AECOM professional judgment.

The data review process is an evaluation of data on a technical basis rather than an assessment of contract compliance. As such, the standards against which the data are being evaluated may differ from those specified in the analytical method. It is assumed the analytical data package represents the best efforts of the laboratory and has been subjected to three tiers of quality review prior to release from the laboratory.

During the review process, laboratory qualified and unqualified data are verified and validated against supporting documentation. Based on the data evaluation, qualifier codes may be added, deleted, or modified by the validation chemist. Results are qualified with the following codes based on the USEPA National Functional Guidelines (NFGs):

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound was detected in the sample and its associated blank; its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration.

  UJ The compound was not detected above the reported sample quantitation limit; however, the reported concentration is approximate and may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

VOCs by EPA Method SW8260B and SW8260C SIM Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

✓	Data completeness COC/sample integrity
✓	Holding times and sample preservation
✓	Laboratory blanks/trip blanks/equipment blanks
✓	Surrogate spike recoveries
✗	Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) results
✗	Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) results
✓	Field duplicates
✓	Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action was required.

Laboratory Blanks/Equipment Blanks/Trip Blanks

Laboratory Method Blanks (MBs) Equipment Blanks (EBs) and Trip Blanks (TBs) are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample preparation, collection, transportation and analysis process. The associated MBs, EBs and TBs were evaluated at the Method Detection Limit (MDL) for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. Blank results were reviewed for conformance with the

QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation report if the associated results were non-detect or if qualification of sample results was not required.

Chloroform and Dichlorobromomethane were detected in samples BLANK-33 and BLANK-34, however all associated samples were non-detect for these analytes, and as a result, no further action is required. In addition, it should be noted both analytes are trihalomethanes commonly found in potable water sources and likely not site related. No analytes were detected in any of the associated method, equipment or trip blanks with the exception of the above referenced sample. Since the acceptance criteria were met, no qualification of data was required.

Surrogate Spike Recoveries

Surrogates are structurally similar to analytes of interest; however, they are not found in the environment. All samples undergoing analysis for organic compounds are spiked with surrogate compounds prior to sample preparation and analysis. Surrogate Percent Recoveries (%R) are used to evaluate the performance of the analytical process and were reviewed for conformance with the QC acceptance criteria. The acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

No qualification of the data was required based on surrogate recoveries. All QC acceptance criteria were met, and no further action is required.

MS/MSD Results

Matrix Spike/Matrix Spike Duplicates (MS/MSDs) are used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the Relative Percent Difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. The MS/MSD for the following analytical preparation batches were evaluated for the SW8260C SIM analytical fraction and are in-control: 166856 and 166904 No further action is required for the aforementioned preparation batches. The MS or MS/MSD for the following analytical preparation batches were evaluated for the SW8260B analytical fraction and are in-control: 167069, 167075, 167081, and 167110. No further action is required.

The following analytical preparation batches associated with the SW8260C SIM analytical fraction used "normal" parent samples that were not from the Tallevast site for spiking the MS/MSD: 167126 and 166790. Because the samples are not site related, the MS/MSD was not evaluated. Similarly, the following analytical preparation batch associated with the SW8260B analytical fraction used "normal" parent sample that was not from the Tallevast site for spiking the MS: 167014. Because the sample is not site related, the MS was not evaluated.

The MS results for Chlorodibromomethane from preparation batch 167066 exceeded criteria bias low, as a result, the "normal" parent sample in the associated preparation batch is qualified as estimated non-detect estimated "UJ" for the referenced analyte.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
MW-102	660-72250-34	Chlorodibromomethane	UJ	Bias Low

The MSD results for 1,4-Dioxane from preparation batch 166949 exceeded criteria bias low, as a result, the "normal" parent sample in the associated preparation batch is qualified as estimated non-detect estimated "UJ" for the referenced analyte.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
IWI-1	660-72281-1	1,4-Dioxane	UJ	Bias Low

LCS/LCSD Results

Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the SW8260B and SW8260C SIM analytical fractions. All QC acceptance criteria were met, and no further action was required.

The RPDs of some analytes from the preparation batch 167066 exceed precision criteria; as a result the parent samples were qualified "UJ" for non-detects and "J" for detections for the affected analytes as listed below.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
MW-98	660-72250-31	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-102	660-72250-34	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-114	660-72250-40	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-131	660-72250-41	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-133	660-72250-42	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-215	660-72250-43	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
		Dichlorodifluoromethane	UJ	RPD
MW-231	660-72250-44	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-239	660-72250-45	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-249	660-72250-46	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-250	660-72250-47	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-255	660-72250-48	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
BLANK-32	660-72250-49	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
BLANK-33	660-72250-50	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
BLANK-34	660-72250-51	Vinyl Chloride	UJ	RPD
		Trichlorofluoromethane	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD

The RPDs of some analytes from the preparation batch 167069 exceed precision criteria; as a result the parent samples were qualified “UJ” for non-detects and “J” for detections for the affected analytes as listed below.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
MW-57	660-72250-11	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-63	660-72250-12	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-65	660-72250-13	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-69	660-72250-14	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-72	660-72250-15	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
MW-72(DUP)	660-72250-16	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-75	660-72250-19	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-79	660-72250-20	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-80	660-72250-21	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-81	660-72250-22	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-82	660-72250-23	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-85(DUP)	660-72250-25	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-86R	660-72250-28	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-91	660-72250-29	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-94	660-72250-30	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-100	660-72250-32	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-101	660-72250-33	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-102(DUP)	660-72250-35	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-104	660-72250-38	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD
MW-108	660-72250-39	Vinyl Chloride	UJ	RPD
		Dichlorodifluoromethane	UJ	RPD

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. The field duplicates for samples MW-72, MW-85, and MW-102 met the acceptance criteria, and no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated ("I"). This "I" qualifier was retained during data validation.

Any sample that was analyzed at a dilution due to high concentrations of target or non-targets was checked to ensure that the results and/or sample specific MDLs were adjusted accordingly by the laboratory. The following samples from the 8260B analytical fraction required dilution due to analyte concentrations in the parent sample above the linear range of calibration: MW-27, IDW-1, MW-41, MW-253 and MW-254.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, no QC excursions were encountered that resulted is the rejection of data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use as qualified.

Client Sample ID: MW-54

Lab Sample ID: 660-72250-10

Date Collected: 02/22/16 14:50

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/03/16 22:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/03/16 22:38	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/03/16 22:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 22:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/03/16 22:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/03/16 22:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/03/16 22:38	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/03/16 22:38	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/03/16 22:38	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/03/16 22:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/03/16 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/03/16 22:38*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/03/16 22:38*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/03/16 22:38*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/26/16 17:14	1

Client Sample ID: MW-57

Lab Sample ID: 660-72250-11

Date Collected: 02/23/16 11:05

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 15:44	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 15:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 15:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 15:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 15:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 15:44	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 15:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 15:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 15:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 15:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 15:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 15:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 15:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 15:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 15:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 15:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 15:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 15:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 15:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 15:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 15:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 15:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 15:44	1

Client Sample ID: MW-57
Date Collected: 02/23/16 11:05
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 15:44	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 15:44	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 15:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 15:44	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 15:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 15:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 15:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 15:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 15:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 15:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 15:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 15:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 15:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 15:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 15:44	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 15:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 15:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 15:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 15:44	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 15:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 15:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 15:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 15:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 15:44	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 15:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 15:44	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 15:44	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 15:44	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 15:44	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 15:44	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 15:44	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 15:44	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 15:44	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 15:44	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 15:44	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 15:44	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 15:44	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 15:44	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 15:44	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 15:44	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 15:44	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 15:44*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*03/05/16 15:44*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/05/16 15:44*	*1*

Client Sample ID: MW-57

Lab Sample ID: 660-72250-11

Date Collected: 02/23/16 11:05

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/26/16 17:33	1

Client Sample ID: MW-63

Lab Sample ID: 660-72250-12

Date Collected: 02/23/16 10:06

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 16:03	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 16:03	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:03	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 16:03	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:03	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 16:03	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 16:03	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 16:03	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:03	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 16:03	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 16:03	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:03	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 16:03	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 16:03	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 16:03	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 16:03	1
cis-1,2-Dichloroethene	**0.99**	**I**	1.0	0.65	ug/L			03/05/16 16:03	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 16:03	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 16:03	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 16:03	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 16:03	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 16:03	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 16:03	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 16:03	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 16:03	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 16:03	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 16:03	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:03	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 16:03	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 16:03	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 16:03	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 16:03	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 16:03	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 16:03	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 16:03	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 16:03	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 16:03	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 16:03	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 16:03	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 16:03	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 16:03	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 16:03	1

Client Sample ID: MW-63

Date Collected: 02/23/16 10:06
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-12

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 16:03	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 16:03	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 16:03	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 16:03	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:03	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 16:03	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 16:03	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 16:03	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 16:03	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 16:03	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 16:03	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:03	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 16:03	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 16:03	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:03	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:03	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:03	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 16:03	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:03	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 16:03	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 16:03	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 16:03	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 16:03*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/05/16 16:03*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/05/16 16:03*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.9**		2.0	1.0	ug/L			02/26/16 17:51	1

Client Sample ID: MW-65

Date Collected: 02/23/16 11:48
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-13

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 16:21	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 16:21	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:21	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 16:21	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:21	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 16:21	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 16:21	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 16:21	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:21	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 16:21	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 16:21	1

Client Sample ID: MW-65
Date Collected: 02/23/16 11:48
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:21	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 16:21	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 16:21	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 16:21	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 16:21	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 16:21	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 16:21	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 16:21	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 16:21	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 16:21	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 16:21	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 16:21	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 16:21	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 16:21	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 16:21	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 16:21	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:21	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 16:21	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 16:21	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 16:21	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 16:21	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 16:21	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 16:21	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 16:21	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 16:21	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 16:21	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 16:21	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 16:21	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 16:21	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 16:21	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 16:21	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 16:21	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 16:21	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 16:21	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 16:21	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:21	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 16:21	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 16:21	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 16:21	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 16:21	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 16:21	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 16:21	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:21	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 16:21	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 16:21	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:21	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:21	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:21	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 16:21	1

Client Sample ID: MW-65

Lab Sample ID: 660-72250-13

Date Collected: 02/23/16 11:48

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:21	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 16:21	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 16:21	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 16:21	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 16:21*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/05/16 16:21*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/05/16 16:21*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/29/16 12:35	1

Client Sample ID: MW-69

Lab Sample ID: 660-72250-14

Date Collected: 02/22/16 15:34

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 16:40	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 16:40	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:40	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 16:40	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:40	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 16:40	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 16:40	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 16:40	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:40	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 16:40	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 16:40	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:40	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 16:40	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 16:40	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 16:40	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 16:40	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 16:40	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 16:40	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 16:40	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 16:40	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 16:40	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 16:40	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 16:40	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 16:40	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 16:40	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 16:40	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 16:40	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:40	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 16:40	1

Client Sample ID: MW-69
Date Collected: 02/22/16 15:34
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 16:40	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 16:40	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 16:40	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 16:40	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 16:40	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 16:40	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 16:40	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 16:40	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 16:40	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 16:40	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 16:40	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 16:40	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 16:40	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 16:40	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 16:40	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 16:40	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 16:40	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:40	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 16:40	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 16:40	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 16:40	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 16:40	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 16:40	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 16:40	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:40	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 16:40	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 16:40	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:40	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:40	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:40	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 16:40	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:40	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 16:40	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 16:40	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 16:40	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/05/16 16:40*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/05/16 16:40*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/05/16 16:40*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.1**	**I**	2.0	1.0	ug/L			02/29/16 12:53	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-72
Date Collected: 02/23/16 11:45
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 14:11	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 14:11	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 14:11	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 14:11	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:11	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 14:11	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 14:11	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 14:11	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 14:11	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 14:11	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 14:11	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:11	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 14:11	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 14:11	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 14:11	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 14:11	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 14:11	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 14:11	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 14:11	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 14:11	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 14:11	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 14:11	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 14:11	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 14:11	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 14:11	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 14:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 14:11	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 14:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 14:11	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 14:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 14:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 14:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 14:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 14:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 14:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 14:11	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 14:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 14:11	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 14:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 14:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 14:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 14:11	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 14:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 14:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 14:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 14:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 14:11	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 14:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 14:11	1

Client Sample ID: MW-72

Date Collected: 02/23/16 11:45
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-15

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 14:11	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 14:11	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 14:11	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 14:11	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 14:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 14:11	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 14:11	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 14:11	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 14:11	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 14:11	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 14:11	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:11	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 14:11	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 14:11	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 14:11	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/05/16 14:11*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/05/16 14:11*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/05/16 14:11*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/29/16 13:12	1

Client Sample ID: MW-72(DUP)

Date Collected: 02/23/16 11:47
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-16

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 16:59	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 16:59	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:59	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 16:59	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:59	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 16:59	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 16:59	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 16:59	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:59	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 16:59	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 16:59	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:59	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 16:59	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 16:59	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 16:59	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 16:59	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 16:59	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 16:59	1

Client Sample ID: MW-72(DUP)
Date Collected: 02/23/16 11:47
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 16:59	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 16:59	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 16:59	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 16:59	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 16:59	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 16:59	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 16:59	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 16:59	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 16:59	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:59	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 16:59	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 16:59	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 16:59	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 16:59	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 16:59	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 16:59	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 16:59	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 16:59	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 16:59	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 16:59	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 16:59	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 16:59	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 16:59	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 16:59	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 16:59	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 16:59	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 16:59	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 16:59	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 16:59	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 16:59	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 16:59	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 16:59	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 16:59	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 16:59	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 16:59	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 16:59	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 16:59	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 16:59	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 16:59	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:59	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 16:59	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 16:59	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 16:59	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 16:59	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 16:59	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 16:59	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/05/16 16:59*	*1*

Client Sample ID: MW-72(DUP)

Lab Sample ID: 660-72250-16

Date Collected: 02/23/16 11:47

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*101*		*70 - 130*		*03/05/16 16:59*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/05/16 16:59*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/29/16 14:27	1

Client Sample ID: MW-75

Lab Sample ID: 660-72250-19

Date Collected: 02/23/16 07:40

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 17:17	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 17:17	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:17	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 17:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:17	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 17:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 17:17	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 17:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:17	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 17:17	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 17:17	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:17	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 17:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 17:17	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 17:17	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 17:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 17:17	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 17:17	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 17:17	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 17:17	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 17:17	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 17:17	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 17:17	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 17:17	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 17:17	1
1,1-Dichloroethane	**1.6**		1.0	0.52	ug/L			03/05/16 17:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 17:17	1
1,1-Dichloroethene	**0.91**	**I**	1.0	0.67	ug/L			03/05/16 17:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 17:17	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 17:17	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 17:17	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 17:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 17:17	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 17:17	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 17:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 17:17	1

Client Sample ID: MW-75

Date Collected: 02/23/16 07:40
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-19

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 17:17	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 17:17	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 17:17	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 17:17	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 17:17	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 17:17	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 17:17	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 17:17	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 17:17	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 17:17	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:17	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 17:17	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 17:17	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 17:17	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 17:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 17:17	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 17:17	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:17	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 17:17	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 17:17	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:17	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:17	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 17:17	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:17	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 17:17	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 17:17	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 17:17	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 17:17*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*03/05/16 17:17*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/05/16 17:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.3**		2.0	1.0	ug/L			02/29/16 14:45	1

Client Sample ID: MW-79

Date Collected: 02/23/16 11:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-20

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 17:36	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 17:36	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:36	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 17:36	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:36	1

Client Sample ID: MW-79
Date Collected: 02/23/16 11:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 17:36	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 17:36	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 17:36	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:36	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 17:36	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 17:36	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:36	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 17:36	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 17:36	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 17:36	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 17:36	1
cis-1,2-Dichloroethene	**13**		1.0	0.65	ug/L			03/05/16 17:36	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 17:36	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 17:36	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 17:36	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 17:36	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 17:36	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 17:36	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 17:36	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 17:36	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 17:36	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 17:36	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:36	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 17:36	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 17:36	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 17:36	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 17:36	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 17:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 17:36	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 17:36	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 17:36	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 17:36	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 17:36	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 17:36	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 17:36	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 17:36	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 17:36	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 17:36	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 17:36	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 17:36	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 17:36	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:36	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 17:36	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 17:36	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 17:36	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 17:36	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 17:36	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 17:36	1
trans-1,2-Dichloroethene	**6.2**		1.0	0.67	ug/L			03/05/16 17:36	1

Client Sample ID: MW-79

Date Collected: 02/23/16 11:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-20

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 17:36	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 17:36	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:36	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:36	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:36	1
Trichloroethene	**4.7**		1.0	0.61	ug/L			03/05/16 17:36	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:36	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 17:36	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 17:36	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 17:36	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 17:36*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*03/05/16 17:36*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 17:36*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.5**		2.0	1.0	ug/L			02/29/16 15:04	1

Client Sample ID: MW-80

Date Collected: 02/23/16 12:06
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-21

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 17:55	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 17:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 17:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 17:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 17:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 17:55	1
Chlorobenzene	**0.75**	**I**	1.0	0.63	ug/L			03/05/16 17:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 17:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 17:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 17:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 17:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 17:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 17:55	1
cis-1,2-Dichloroethene	**1.7**		1.0	0.65	ug/L			03/05/16 17:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 17:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 17:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 17:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 17:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 17:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 17:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-80
Date Collected: 02/23/16 12:06
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 17:55	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 17:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 17:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 17:55	1
1,1-Dichloroethene	**16**		1.0	0.67	ug/L			03/05/16 17:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 17:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 17:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 17:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 17:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 17:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 17:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 17:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 17:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 17:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 17:55	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 17:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 17:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 17:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 17:55	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 17:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 17:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 17:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 17:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:55	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 17:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 17:55	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 17:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 17:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 17:55	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 17:55	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 17:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 17:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:55	1
Trichloroethene	**1.3**		1.0	0.61	ug/L			03/05/16 17:55	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 17:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 17:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 17:55	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 17:55*	*1*
Dibromofluoromethane	*102*		*70 - 130*		*03/05/16 17:55*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/05/16 17:55*	*1*

Client Sample ID: MW-80

Date Collected: 02/23/16 12:06
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-21

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.1**		2.0	1.0	ug/L			02/29/16 15:22	1

Client Sample ID: MW-81

Date Collected: 02/23/16 13:42
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-22

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 14:29	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 14:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 14:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 14:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:29	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 14:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 14:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 14:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 14:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 14:29	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 14:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 14:29	1
Chloromethane	**2.2**	**I**	4.0	1.0	ug/L			03/05/16 14:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 14:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 14:29	1
cis-1,2-Dichloroethene	**9.5**		1.0	0.65	ug/L			03/05/16 14:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 14:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 14:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 14:29	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 14:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 14:29	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 14:29	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 14:29	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 14:29	1
1,1-Dichloroethane	**19**		1.0	0.52	ug/L			03/05/16 14:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 14:29	1
1,1-Dichloroethene	**64**		1.0	0.67	ug/L			03/05/16 14:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 14:29	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 14:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 14:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 14:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 14:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 14:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 14:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 14:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 14:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 14:29	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 14:29	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 14:29	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 14:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 14:29	1

Client Sample ID: MW-81 Lab Sample ID: 660-72250-22

Date Collected: 02/23/16 13:42 **Matrix: Water**
Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 14:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 14:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 14:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 14:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 14:29	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 14:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 14:29	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 14:29	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 14:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 14:29	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 14:29	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 14:29	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 14:29	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 14:29	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 14:29	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 14:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 14:29	1
Trichloroethene	**3.0**		1.0	0.61	ug/L			03/05/16 14:29	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:29	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 14:29	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 14:29	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 14:29	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 14:29*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/05/16 14:29*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/05/16 14:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**43**		2.0	1.0	ug/L			02/29/16 15:41	1

Client Sample ID: MW-82 Lab Sample ID: 660-72250-23

Date Collected: 02/22/16 12:59 **Matrix: Water**
Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 21:01	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 21:01	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 21:01	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 21:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 21:01	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 21:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 21:01	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 21:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 21:01	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 21:01	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 21:01	1

Client Sample ID: MW-82
Date Collected: 02/22/16 12:59
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 21:01	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 21:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 21:01	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 21:01	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 21:01	1
cis-1,2-Dichloroethene	**2.5**		1.0	0.65	ug/L			03/05/16 21:01	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 21:01	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 21:01	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 21:01	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 21:01	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 21:01	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 21:01	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 21:01	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 21:01	1
1,1-Dichloroethane	**43**		1.0	0.52	ug/L			03/05/16 21:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 21:01	1
1,1-Dichloroethene	**39**		1.0	0.67	ug/L			03/05/16 21:01	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 21:01	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 21:01	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 21:01	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 21:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 21:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 21:01	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 21:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 21:01	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 21:01	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 21:01	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 21:01	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 21:01	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 21:01	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 21:01	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 21:01	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 21:01	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 21:01	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 21:01	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 21:01	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 21:01	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 21:01	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 21:01	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 21:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 21:01	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 21:01	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 21:01	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 21:01	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 21:01	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 21:01	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 21:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 21:01	1
Trichloroethene	**1.4**		1.0	0.61	ug/L			03/05/16 21:01	1

Client Sample ID: MW-82

Date Collected: 02/22/16 12:59
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 21:01	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 21:01	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 21:01	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 21:01	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/05/16 21:01*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/05/16 21:01*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/05/16 21:01*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**27**		2.0	1.0	ug/L			02/29/16 15:59	1

Client Sample ID: MW-85

Date Collected: 02/23/16 08:51
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/06/16 20:24	1
Benzene	0.50	U	1.0	0.50	ug/L			03/06/16 20:24	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/06/16 20:24	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/06/16 20:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/06/16 20:24	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/06/16 20:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/06/16 20:24	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/06/16 20:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/06/16 20:24	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/06/16 20:24	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/06/16 20:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/06/16 20:24	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/06/16 20:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/06/16 20:24	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/06/16 20:24	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/06/16 20:24	1
cis-1,2-Dichloroethene	**5.5**		1.0	0.65	ug/L			03/06/16 20:24	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/06/16 20:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/06/16 20:24	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/06/16 20:24	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/06/16 20:24	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/06/16 20:24	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/06/16 20:24	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/06/16 20:24	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/06/16 20:24	1
1,1-Dichloroethane	**20**		1.0	0.52	ug/L			03/06/16 20:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/06/16 20:24	1
1,1-Dichloroethene	**9.9**		1.0	0.67	ug/L			03/06/16 20:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/06/16 20:24	1

Client Sample ID: MW-85
Date Collected: 02/23/16 08:51
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/06/16 20:24	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/06/16 20:24	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/06/16 20:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/06/16 20:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/06/16 20:24	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/06/16 20:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/06/16 20:24	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/06/16 20:24	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/06/16 20:24	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/06/16 20:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/06/16 20:24	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/06/16 20:24	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/06/16 20:24	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/06/16 20:24	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/06/16 20:24	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/06/16 20:24	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/06/16 20:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/06/16 20:24	1
Styrene	0.98	U	2.0	0.98	ug/L			03/06/16 20:24	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/06/16 20:24	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/06/16 20:24	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/06/16 20:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/06/16 20:24	1
Toluene	0.51	U	1.0	0.51	ug/L			03/06/16 20:24	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/06/16 20:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/06/16 20:24	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/06/16 20:24	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/06/16 20:24	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/06/16 20:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/06/16 20:24	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/06/16 20:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/06/16 20:24	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/06/16 20:24	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/06/16 20:24	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/06/16 20:24	1
Vinyl chloride	**1.9**		1.0	0.71	ug/L			03/06/16 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/06/16 20:24*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/06/16 20:24*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/06/16 20:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**50**		2.0	1.0	ug/L			02/29/16 16:18	1

Client Sample ID: MW-85 (DUP)

Date Collected: 02/23/16 08:53
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-25

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 20:43	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 20:43	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:43	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 20:43	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:43	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 20:43	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 20:43	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 20:43	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:43	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 20:43	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 20:43	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:43	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 20:43	1
Chloromethane	**1.8**	**I**	4.0	1.0	ug/L			03/05/16 20:43	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 20:43	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 20:43	1
cis-1,2-Dichloroethene	**5.4**		1.0	0.65	ug/L			03/05/16 20:43	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 20:43	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 20:43	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 20:43	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 20:43	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 20:43	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 20:43	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 20:43	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 20:43	1
1,1-Dichloroethane	**20**		1.0	0.52	ug/L			03/05/16 20:43	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 20:43	1
1,1-Dichloroethene	**9.7**		1.0	0.67	ug/L			03/05/16 20:43	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 20:43	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 20:43	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 20:43	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 20:43	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 20:43	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 20:43	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 20:43	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 20:43	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 20:43	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 20:43	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 20:43	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 20:43	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 20:43	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 20:43	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 20:43	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 20:43	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 20:43	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 20:43	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:43	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 20:43	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 20:43	1

Client Sample ID: MW-85 (DUP)

Lab Sample ID: 660-72250-25

Date Collected: 02/23/16 08:53

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 20:43	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 20:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 20:43	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 20:43	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 20:43	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 20:43	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 20:43	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:43	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:43	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 20:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:43	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 20:43	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 20:43	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 20:43	1
Vinyl chloride	**2.1** ~~3~~	UJ	1.0	0.71	ug/L			03/05/16 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*03/05/16 20:43*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/05/16 20:43*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/05/16 20:43*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**52**		2.0	1.0	ug/L			02/29/16 16:37	1

Client Sample ID: MW-86R

Lab Sample ID: 660-72250-28

Date Collected: 02/23/16 10:23

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:13	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 18:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:13	1
cis-1,2-Dichloroethene	**0.67**	I	1.0	0.65	ug/L			03/05/16 18:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:13	1

Client Sample ID: MW-86R
Date Collected: 02/23/16 10:23
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:13	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 18:13	1
1,1-Dichloroethane	**11**		1.0	0.52	ug/L			03/05/16 18:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:13	1
1,1-Dichloroethene	**11**		1.0	0.67	ug/L			03/05/16 18:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:13	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:13	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:13	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:13	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:13	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:13	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:13	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:13	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:13	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:13	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:13	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:13	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:13	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:13	1
Trichloroethene	**1.1**		1.0	0.61	ug/L			03/05/16 18:13	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:13	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:13	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:13	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:13	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 18:13*	*1*

Client Sample ID: MW-86R

Lab Sample ID: 660-72250-28

Date Collected: 02/23/16 10:23

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*105*		*70 - 130*		*03/05/16 18:13*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/05/16 18:13*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**47**		2.0	1.0	ug/L			02/29/16 20:37	1

Client Sample ID: MW-91

Lab Sample ID: 660-72250-29

Date Collected: 02/22/16 15:52

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:32	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:32	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:32	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:32	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:32	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:32	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:32	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:32	1
Chloromethane	**3.3**	**I**	4.0	1.0	ug/L			03/05/16 18:32	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:32	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:32	1
cis-1,2-Dichloroethene	**6.7**		1.0	0.65	ug/L			03/05/16 18:32	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:32	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:32	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:32	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:32	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:32	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:32	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 18:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 18:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:32	1
1,1-Dichloroethene	**1.5**		1.0	0.67	ug/L			03/05/16 18:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:32	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:32	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:32	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:32	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:32	1

Client Sample ID: MW-91

Date Collected: 02/22/16 15:52
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:32	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:32	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:32	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:32	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:32	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:32	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:32	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:32	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:32	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:32	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:32	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:32	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:32	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:32	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:32	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:32	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:32	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:32	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:32	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:32	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:32	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:32	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:32	1
Trichloroethene	**15**		1.0	0.61	ug/L			03/05/16 18:32	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:32	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:32	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:32	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:32	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 18:32*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*03/05/16 18:32*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/05/16 18:32*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**42**		2.0	1.0	ug/L			02/29/16 20:19	1

Client Sample ID: MW-94

Date Collected: 02/23/16 09:00
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:51	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:51	1

Client Sample ID: MW-94
Date Collected: 02/23/16 09:00
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:51	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 18:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:51	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 18:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:51	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:51	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 18:51	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 18:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:51	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:51	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:51	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:51	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:51	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:51	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:51	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:51	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:51	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:51	1

Client Sample ID: MW-94

Date Collected: 02/23/16 09:00
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-30

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:51	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:51	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:51	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:51	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:51	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 18:51	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:51	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:51	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:51	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:51	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/05/16 18:51*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*03/05/16 18:51*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/05/16 18:51*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.3**		2.0	1.0	ug/L			02/29/16 17:51	1

Client Sample ID: MW-98

Date Collected: 02/22/16 14:44
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-31

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 21:11	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 21:11	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 21:11	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 21:11	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 21:11	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 21:11	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 21:11	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 21:11	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 21:11	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 21:11	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 21:11	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 21:11	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 21:11	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 21:11	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 21:11	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 21:11	1
cis-1,2-Dichloroethene	**4.9**		1.0	0.65	ug/L			03/05/16 21:11	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 21:11	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 21:11	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 21:11	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 21:11	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 21:11	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 21:11	1

Client Sample ID: MW-98
Date Collected: 02/22/16 14:44
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 21:11	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 21:11	1
1,1-Dichloroethane	**17**		1.0	0.52	ug/L			03/05/16 21:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 21:11	1
1,1-Dichloroethene	**49**		1.0	0.67	ug/L			03/05/16 21:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 21:11	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 21:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 21:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 21:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 21:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 21:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 21:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 21:11	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 21:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 21:11	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 21:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 21:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 21:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 21:11	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 21:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 21:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 21:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 21:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 21:11	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 21:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 21:11	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 21:11	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 21:11	1
Tetrachloroethene	**0.88**	**I**	1.0	0.50	ug/L			03/05/16 21:11	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 21:11	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 21:11	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 21:11	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 21:11	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 21:11	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 21:11	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 21:11	1
Trichloroethene	**31**		1.0	0.61	ug/L			03/05/16 21:11	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 21:11	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 21:11	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 21:11	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 21:11	1
Vinyl chloride	0.71	U J3	1.0	0.71	ug/L			03/05/16 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 21:11*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*03/05/16 21:11*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/05/16 21:11*	*1*

Client Sample ID: MW-98

Lab Sample ID: 660-72250-31

Date Collected: 02/22/16 14:44

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	25		2.0	1.0	ug/L			02/29/16 19:42	1

Client Sample ID: MW-100

Lab Sample ID: 660-72250-32

Date Collected: 02/22/16 13:16

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 19:09	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 19:09	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:09	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 19:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 19:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 19:09	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 19:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:09	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 19:09	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 19:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 19:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 19:09	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 19:09	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 19:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 19:09	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 19:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 19:09	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 19:09	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 19:09	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 19:09	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 19:09	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 19:09	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 19:09	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 19:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 19:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 19:09	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 19:09	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 19:09	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 19:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 19:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 19:09	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 19:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 19:09	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 19:09	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 19:09	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 19:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 19:09	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 19:09	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 19:09	1

Client Sample ID: MW-100

Date Collected: 02/22/16 13:16
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 19:09	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 19:09	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 19:09	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 19:09	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:09	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 19:09	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 19:09	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 19:09	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 19:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 19:09	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 19:09	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 19:09	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 19:09	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:09	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 19:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:09	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 19:09	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 19:09	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 19:09	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/05/16 19:09*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/05/16 19:09*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/05/16 19:09*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.5**		2.0	1.0	ug/L			02/29/16 18:09	1

Client Sample ID: MW-101

Date Collected: 02/22/16 12:29
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 19:28	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 19:28	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:28	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 19:28	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:28	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 19:28	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 19:28	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 19:28	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:28	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 19:28	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 19:28	1

Client Sample ID: MW-101
Date Collected: 02/22/16 12:29
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:28	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 19:28	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 19:28	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 19:28	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 19:28	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.65	ug/L			03/05/16 19:28	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 19:28	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 19:28	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 19:28	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 19:28	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 19:28	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 19:28	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 19:28	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 19:28	1
1,1-Dichloroethane	**14**		1.0	0.52	ug/L			03/05/16 19:28	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 19:28	1
1,1-Dichloroethene	**1.4**		1.0	0.67	ug/L			03/05/16 19:28	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 19:28	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 19:28	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 19:28	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 19:28	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 19:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 19:28	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 19:28	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 19:28	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 19:28	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 19:28	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 19:28	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 19:28	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 19:28	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 19:28	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 19:28	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 19:28	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 19:28	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 19:28	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:28	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 19:28	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 19:28	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 19:28	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 19:28	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 19:28	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 19:28	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:28	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 19:28	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 19:28	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:28	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:28	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:28	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 19:28	1

Client Sample ID: MW-101

Lab Sample ID: 660-72250-33

Date Collected: 02/22/16 12:29

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:28	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 19:28	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 19:28	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 19:28	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 19:28*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/05/16 19:28*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/05/16 19:28*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	40		2.0	1.0	ug/L			02/29/16 20:00	1

Client Sample ID: MW-102

Lab Sample ID: 660-72250-34

Date Collected: 02/22/16 13:57

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 14:48	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 14:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 14:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 14:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 14:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 14:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 14:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 14:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 14:48	1
Chlorodibromomethane	0.31	~~U J3~~ UJ	1.0	0.31	ug/L			03/05/16 14:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 14:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 14:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 14:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 14:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 14:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 14:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 14:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 14:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 14:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 14:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 14:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 14:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 14:48	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 14:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 14:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 14:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 14:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 14:48	1

Client Sample ID: MW-102
Date Collected: 02/22/16 13:57
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 14:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 14:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 14:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 14:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 14:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 14:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 14:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 14:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 14:48	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 14:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 14:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 14:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 14:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 14:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 14:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 14:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 14:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 14:48	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 14:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 14:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 14:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 14:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 14:48	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 14:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 14:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 14:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 14:48	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 14:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 14:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 14:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 14:48	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 14:48	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 14:48	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 14:48	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 14:48	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/05/16 14:48*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*03/05/16 14:48*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 14:48*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/29/16 18:28	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-102 (DUP)
Date Collected: 02/22/16 13:59
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 19:46	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 19:46	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:46	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 19:46	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:46	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 19:46	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 19:46	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 19:46	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:46	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 19:46	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 19:46	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:46	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 19:46	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 19:46	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 19:46	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 19:46	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 19:46	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 19:46	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 19:46	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 19:46	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 19:46	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 19:46	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 19:46	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 19:46	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 19:46	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 19:46	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 19:46	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:46	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 19:46	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 19:46	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 19:46	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 19:46	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 19:46	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 19:46	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 19:46	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 19:46	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 19:46	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 19:46	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 19:46	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 19:46	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 19:46	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 19:46	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 19:46	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 19:46	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 19:46	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 19:46	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:46	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 19:46	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 19:46	1

Client Sample ID: MW-102 (DUP)

Lab Sample ID: 660-72250-35
Date Collected: 02/22/16 13:59
Matrix: Water
Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 19:46	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 19:46	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 19:46	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 19:46	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:46	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 19:46	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 19:46	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:46	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:46	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:46	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 19:46	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:46	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 19:46	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 19:46	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 19:46	1
Vinyl chloride	0.71	~~U J3~~ UJ	~~1.0~~	~~0.71~~	ug/L			03/05/16 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/05/16 19:46*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*03/05/16 19:46*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/05/16 19:46*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			02/29/16 18:46	1

Client Sample ID: MW-104

Lab Sample ID: 660-72250-38
Date Collected: 02/22/16 14:02
Matrix: Water
Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 20:05	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 20:05	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:05	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 20:05	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:05	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 20:05	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 20:05	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 20:05	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:05	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 20:05	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 20:05	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:05	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 20:05	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 20:05	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 20:05	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 20:05	1
cis-1,2-Dichloroethene	**6.9**		1.0	0.65	ug/L			03/05/16 20:05	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 20:05	1

Client Sample ID: MW-104
Date Collected: 02/22/16 14:02
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 20:05	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 20:05	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 20:05	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 20:05	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 20:05	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 20:05	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 20:05	1
1,1-Dichloroethane	**20**		1.0	0.52	ug/L			03/05/16 20:05	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 20:05	1
1,1-Dichloroethene	**12**		1.0	0.67	ug/L			03/05/16 20:05	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 20:05	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 20:05	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 20:05	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 20:05	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 20:05	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 20:05	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 20:05	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 20:05	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 20:05	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 20:05	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 20:05	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 20:05	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 20:05	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 20:05	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 20:05	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 20:05	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 20:05	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 20:05	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:05	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 20:05	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 20:05	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 20:05	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 20:05	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 20:05	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 20:05	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 20:05	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 20:05	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 20:05	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:05	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:05	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:05	1
Trichloroethene	**2.3**		1.0	0.61	ug/L			03/05/16 20:05	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:05	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 20:05	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 20:05	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 20:05	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/05/16 20:05*	*1*

Client Sample ID: MW-104

Lab Sample ID: 660-72250-38

Date Collected: 02/22/16 14:02

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*103*		*70 - 130*		*03/05/16 20:05*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/05/16 20:05*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**60**		2.0	1.0	ug/L			03/01/16 15:27	1

Client Sample ID: MW-108

Lab Sample ID: 660-72250-39

Date Collected: 02/23/16 08:03

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 20:24	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 20:24	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:24	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 20:24	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:24	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 20:24	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 20:24	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 20:24	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:24	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 20:24	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 20:24	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:24	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 20:24	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 20:24	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 20:24	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 20:24	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 20:24	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 20:24	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 20:24	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 20:24	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 20:24	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 20:24	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 20:24	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 20:24	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 20:24	1
1,1-Dichloroethane	**0.65**	**I**	1.0	0.52	ug/L			03/05/16 20:24	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 20:24	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 20:24	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 20:24	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 20:24	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 20:24	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 20:24	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 20:24	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 20:24	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 20:24	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 20:24	1

Client Sample ID: MW-108

Date Collected: 02/23/16 08:03
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 20:24	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 20:24	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 20:24	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 20:24	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 20:24	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 20:24	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 20:24	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 20:24	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 20:24	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 20:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:24	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 20:24	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 20:24	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 20:24	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 20:24	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 20:24	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 20:24	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 20:24	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 20:24	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 20:24	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:24	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:24	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:24	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 20:24	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:24	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 20:24	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 20:24	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 20:24	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/05/16 20:24*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*03/05/16 20:24*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/05/16 20:24*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.6**		2.0	1.0	ug/L			03/01/16 16:41	1

Client Sample ID: MW-114

Date Collected: 02/23/16 08:11
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 17:04	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 17:04	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:04	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 17:04	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:04	1

Client Sample ID: MW-114
Date Collected: 02/23/16 08:11
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 17:04	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 17:04	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 17:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:04	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 17:04	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 17:04	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 17:04	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 17:04	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 17:04	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 17:04	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 17:04	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 17:04	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 17:04	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 17:04	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 17:04	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 17:04	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 17:04	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 17:04	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 17:04	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 17:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 17:04	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:04	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 17:04	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 17:04	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 17:04	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 17:04	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 17:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 17:04	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 17:04	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 17:04	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 17:04	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 17:04	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 17:04	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 17:04	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 17:04	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 17:04	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 17:04	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 17:04	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 17:04	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 17:04	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:04	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 17:04	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 17:04	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 17:04	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 17:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 17:04	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 17:04	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:04	1

Client Sample ID: MW-114

Lab Sample ID: 660-72250-40

Date Collected: 02/23/16 08:11

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 17:04	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 17:04	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:04	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:04	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:04	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 17:04	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 17:04	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 17:04	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 17:04	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 17:04	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 17:04*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 17:04*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/05/16 17:04*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**9.3**		2.0	1.0	ug/L			03/01/16 16:59	1

Client Sample ID: MW-131

Lab Sample ID: 660-72250-41

Date Collected: 02/23/16 09:36

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 20:33	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 20:33	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:33	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 20:33	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:33	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 20:33	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 20:33	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 20:33	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:33	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 20:33	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 20:33	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:33	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 20:33	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 20:33	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 20:33	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 20:33	1
cis-1,2-Dichloroethene	**25**		1.0	0.65	ug/L			03/05/16 20:33	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 20:33	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 20:33	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 20:33	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 20:33	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 20:33	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 20:33	1

Client Sample ID: MW-131
Date Collected: 02/23/16 09:36
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-41
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 20:33	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 20:33	1
1,1-Dichloroethane	**1.5**		1.0	0.52	ug/L			03/05/16 20:33	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 20:33	1
1,1-Dichloroethene	**1.9**		1.0	0.67	ug/L			03/05/16 20:33	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 20:33	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 20:33	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 20:33	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 20:33	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 20:33	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 20:33	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 20:33	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 20:33	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 20:33	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 20:33	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 20:33	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 20:33	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 20:33	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 20:33	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 20:33	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 20:33	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 20:33	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 20:33	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:33	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 20:33	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 20:33	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 20:33	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 20:33	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 20:33	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 20:33	1
trans-1,2-Dichloroethene	**44**		1.0	0.67	ug/L			03/05/16 20:33	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 20:33	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 20:33	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:33	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:33	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:33	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 20:33	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 20:33	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 20:33	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 20:33	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 20:33	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 20:33*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 20:33*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 20:33*	*1*

Client Sample ID: MW-131

Date Collected: 02/23/16 09:36
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-41

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**33**		2.0	1.0	ug/L			03/01/16 17:17	1

Client Sample ID: MW-133

Date Collected: 02/22/16 15:30
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-42

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 17:23	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 17:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 17:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 17:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 17:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 17:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 17:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 17:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 17:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 17:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 17:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 17:23	1
cis-1,2-Dichloroethene	**5.6**		1.0	0.65	ug/L			03/05/16 17:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 17:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 17:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 17:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 17:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 17:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 17:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 17:23	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 17:23	1
1,1-Dichloroethane	**1.4**		1.0	0.52	ug/L			03/05/16 17:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 17:23	1
1,1-Dichloroethene	**1.5**		1.0	0.67	ug/L			03/05/16 17:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 17:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 17:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 17:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 17:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 17:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 17:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 17:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 17:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 17:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 17:23	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 17:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 17:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 17:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 17:23	1

Client Sample ID: MW-133

Date Collected: 02/22/16 15:30
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-42

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 17:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 17:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 17:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 17:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:23	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 17:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 17:23	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 17:23	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 17:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 17:23	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 17:23	1
trans-1,2-Dichloroethene	**7.4**		1.0	0.67	ug/L			03/05/16 17:23	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 17:23	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 17:23	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:23	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:23	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 17:23	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 17:23	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 17:23	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 17:23	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 17:23	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 17:23*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 17:23*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 17:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**34**		2.0	1.0	ug/L			03/01/16 17:36	1

Client Sample ID: MW-215

Date Collected: 02/22/16 12:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-43

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 19:55	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 19:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 19:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 19:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 19:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 19:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 19:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 19:55	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast LMC

TestAmerica Job ID: 660-72250-1

Client Sample ID: MW-215
Date Collected: 02/22/16 12:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-43
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 19:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 19:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 19:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 19:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 19:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 19:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 19:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 19:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 19:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 19:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 19:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 19:55	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 19:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 19:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 19:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 19:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 19:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 19:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 19:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 19:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 19:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 19:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 19:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 19:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 19:55	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 19:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 19:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 19:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 19:55	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 19:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 19:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 19:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 19:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:55	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 19:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 19:55	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 19:55	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 19:55	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 19:55	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 19:55	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:55	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 19:55	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 19:55	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:55	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:55	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:55	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 19:55	1

Client Sample ID: MW-215

Lab Sample ID: 660-72250-43

Date Collected: 02/22/16 12:18

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 19:55	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 19:55	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 19:55	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 19:55	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/05/16 19:55*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*03/05/16 19:55*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 19:55*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 17:54	1

Client Sample ID: MW-231

Lab Sample ID: 660-72250-44

Date Collected: 02/22/16 15:57

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 17:42	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 17:42	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:42	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 17:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:42	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 17:42	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 17:42	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 17:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:42	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 17:42	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 17:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 17:42	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 17:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 17:42	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 17:42	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 17:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 17:42	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 17:42	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 17:42	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 17:42	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 17:42	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 17:42	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 17:42	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 17:42	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 17:42	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 17:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 17:42	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 17:42	1

Client Sample ID: MW-231
Date Collected: 02/22/16 15:57
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-44
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 17:42	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 17:42	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 17:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 17:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 17:42	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 17:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 17:42	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 17:42	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 17:42	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 17:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 17:42	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 17:42	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 17:42	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 17:42	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 17:42	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 17:42	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 17:42	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 17:42	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 17:42	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 17:42	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 17:42	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 17:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 17:42	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 17:42	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 17:42	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 17:42	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 17:42	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 17:42	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:42	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 17:42	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 17:42	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 17:42	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 17:42	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 17:42	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 17:42	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 17:42*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*03/05/16 17:42*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 17:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 18:12	1

Client Sample ID: MW-239
Date Collected: 02/23/16 10:39
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-45
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:01	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:01	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:01	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:01	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:01	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:01	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:01	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:01	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:01	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 18:01	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:01	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:01	1
cis-1,2-Dichloroethene	**0.88**	**I**	1.0	0.65	ug/L			03/05/16 18:01	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:01	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:01	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:01	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:01	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:01	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:01	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:01	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 18:01	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 18:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:01	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:01	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:01	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:01	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:01	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:01	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:01	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:01	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:01	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:01	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:01	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:01	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:01	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:01	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:01	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:01	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:01	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:01	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:01	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:01	1

Client Sample ID: MW-239

Date Collected: 02/23/16 10:39
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-45

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:01	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:01	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:01	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:01	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:01	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:01	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:01	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:01	1
Trichloroethene	**1.0**		1.0	0.61	ug/L			03/05/16 18:01	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 18:01	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:01	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:01	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:01	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/05/16 18:01*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 18:01*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/05/16 18:01*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.3**		2.0	1.0	ug/L			03/01/16 18:31	1

Client Sample ID: MW-249

Date Collected: 02/22/16 11:46
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-46

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:20	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:20	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:20	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:20	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:20	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:20	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:20	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:20	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 18:20	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:20	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 18:20	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:20	1

Client Sample ID: MW-249
Date Collected: 02/22/16 11:46
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-46
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:20	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:20	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:20	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:20	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:20	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:20	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 18:20	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 18:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:20	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:20	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:20	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:20	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:20	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:20	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:20	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:20	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:20	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:20	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:20	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:20	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:20	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:20	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:20	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:20	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:20	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:20	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:20	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:20	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:20	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:20	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:20	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:20	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:20	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:20	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:20	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 18:20	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 18:20	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:20	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:20	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:20	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 18:20*	*1*

Client Sample ID: MW-249

Lab Sample ID: 660-72250-46

Date Collected: 02/22/16 11:46

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*109*		*70 - 130*		*03/05/16 18:20*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 18:20*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 18:51	1

Client Sample ID: MW-250

Lab Sample ID: 660-72250-47

Date Collected: 02/22/16 12:43

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:39	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:39	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:39	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:39	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:39	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:39	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:39	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:39	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:39	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:39	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:39	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:39	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:39	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 18:39	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:39	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:39	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 18:39	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:39	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:39	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:39	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:39	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:39	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:39	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:39	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 18:39	1
1,1-Dichloroethane	**1.7**		1.0	0.52	ug/L			03/05/16 18:39	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:39	1
1,1-Dichloroethene	**1.5**		1.0	0.67	ug/L			03/05/16 18:39	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:39	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:39	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:39	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:39	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:39	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:39	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:39	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:39	1

Client Sample ID: MW-250

Date Collected: 02/22/16 12:43
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-47

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:39	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:39	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:39	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:39	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:39	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:39	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:39	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:39	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:39	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:39	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:39	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:39	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:39	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:39	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:39	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:39	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:39	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:39	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:39	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:39	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:39	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:39	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:39	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 18:39	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 18:39	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:39	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:39	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:39	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/05/16 18:39*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 18:39*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/05/16 18:39*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**31**		2.0	1.0	ug/L			03/01/16 19:09	1

Client Sample ID: MW-255

Date Collected: 02/22/16 13:30
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-48

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 20:14	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 20:14	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:14	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 20:14	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:14	1

Client Sample ID: MW-255
Date Collected: 02/22/16 13:30
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-48
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 20:14	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 20:14	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 20:14	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:14	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 20:14	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 20:14	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 20:14	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 20:14	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 20:14	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 20:14	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 20:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 20:14	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 20:14	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 20:14	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 20:14	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 20:14	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 20:14	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 20:14	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 20:14	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 20:14	1
1,1-Dichloroethane	**0.95**	**I**	1.0	0.52	ug/L			03/05/16 20:14	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 20:14	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 20:14	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 20:14	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 20:14	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 20:14	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 20:14	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 20:14	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 20:14	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 20:14	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 20:14	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 20:14	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 20:14	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 20:14	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 20:14	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 20:14	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 20:14	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 20:14	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 20:14	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 20:14	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 20:14	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 20:14	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 20:14	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 20:14	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 20:14	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 20:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 20:14	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 20:14	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 20:14	1

Client Sample ID: MW-255

Lab Sample ID: 660-72250-48

Date Collected: 02/22/16 13:30

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 20:14	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 20:14	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 20:14	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:14	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 20:14	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 20:14	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 20:14	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 20:14	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 20:14	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 20:14	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 20:14*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 20:14*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/05/16 20:14*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**14**		2.0	1.0	ug/L			03/01/16 19:28	1

Client Sample ID: Blank-32

Lab Sample ID: 660-72250-49

Date Collected: 02/22/16 13:28

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 18:58	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 18:58	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:58	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 18:58	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:58	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 18:58	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 18:58	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 18:58	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:58	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 18:58	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 18:58	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 18:58	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/05/16 18:58	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 18:58	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 18:58	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 18:58	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 18:58	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 18:58	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 18:58	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 18:58	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 18:58	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 18:58	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 18:58	1

Client Sample ID: Blank-32
Date Collected: 02/22/16 13:28
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-49
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/05/16 18:58	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 18:58	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 18:58	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 18:58	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:58	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 18:58	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 18:58	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 18:58	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 18:58	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 18:58	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 18:58	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 18:58	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 18:58	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 18:58	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 18:58	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 18:58	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 18:58	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 18:58	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 18:58	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 18:58	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 18:58	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 18:58	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 18:58	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 18:58	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 18:58	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 18:58	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 18:58	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 18:58	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 18:58	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 18:58	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 18:58	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 18:58	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 18:58	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 18:58	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:58	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 18:58	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 18:58	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 18:58	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 18:58	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 18:58	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 18:58	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 18:58*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*03/05/16 18:58*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/05/16 18:58*	*1*

Client Sample ID: Blank-32

Lab Sample ID: 660-72250-49

Date Collected: 02/22/16 13:28

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 19:48	1

Client Sample ID: Blank-33

Lab Sample ID: 660-72250-50

Date Collected: 02/22/16 08:35

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 19:17	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 19:17	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:17	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 19:17	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:17	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 19:17	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 19:17	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 19:17	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:17	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 19:17	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 19:17	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:17	1
Chloroform	**5.1**		1.0	0.90	ug/L			03/05/16 19:17	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 19:17	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 19:17	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 19:17	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 19:17	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 19:17	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 19:17	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 19:17	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 19:17	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 19:17	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 19:17	1
Dichlorobromomethane	**0.69**	**I**	1.0	0.44	ug/L			03/05/16 19:17	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 19:17	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 19:17	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 19:17	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:17	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 19:17	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 19:17	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 19:17	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 19:17	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 19:17	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 19:17	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 19:17	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 19:17	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 19:17	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 19:17	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 19:17	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 19:17	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 19:17	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 19:17	1

Client Sample ID: Blank-33

Lab Sample ID: 660-72250-50
Date Collected: 02/22/16 08:35
Matrix: Water
Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 19:17	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 19:17	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 19:17	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 19:17	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:17	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 19:17	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 19:17	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 19:17	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 19:17	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 19:17	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 19:17	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:17	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 19:17	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 19:17	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:17	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:17	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:17	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 19:17	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 19:17	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 19:17	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 19:17	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 19:17	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/16 19:17*	*1*
Dibromofluoromethane	*111*		*70 - 130*		*03/05/16 19:17*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/05/16 19:17*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 20:06	1

Client Sample ID: Blank-34

Lab Sample ID: 660-72250-51
Date Collected: 02/23/16 11:18
Matrix: Water
Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/05/16 19:36	1
Benzene	0.50	U	1.0	0.50	ug/L			03/05/16 19:36	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:36	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/05/16 19:36	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:36	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/05/16 19:36	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/05/16 19:36	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/05/16 19:36	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:36	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/05/16 19:36	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/05/16 19:36	1

Client Sample ID: Blank-34
Date Collected: 02/23/16 11:18
Date Received: 02/24/16 14:25

Lab Sample ID: 660-72250-51
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.5	U	5.0	2.5	ug/L			03/05/16 19:36	1
Chloroform	**4.6**		1.0	0.90	ug/L			03/05/16 19:36	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/05/16 19:36	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/05/16 19:36	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/05/16 19:36	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/05/16 19:36	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/05/16 19:36	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/05/16 19:36	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/05/16 19:36	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/05/16 19:36	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/05/16 19:36	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/05/16 19:36	1
Dichlorobromomethane	**0.71**	**I**	1.0	0.44	ug/L			03/05/16 19:36	1
Dichlorodifluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 19:36	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/05/16 19:36	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/05/16 19:36	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:36	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/05/16 19:36	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			03/05/16 19:36	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/05/16 19:36	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			03/05/16 19:36	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/05/16 19:36	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/05/16 19:36	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			03/05/16 19:36	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/05/16 19:36	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/05/16 19:36	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			03/05/16 19:36	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/05/16 19:36	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/05/16 19:36	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/05/16 19:36	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			03/05/16 19:36	1
Naphthalene	2.5	U	5.0	2.5	ug/L			03/05/16 19:36	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			03/05/16 19:36	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			03/05/16 19:36	1
o-Xylene	0.50	U	1.0	0.50	ug/L			03/05/16 19:36	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			03/05/16 19:36	1
Styrene	0.98	U	2.0	0.98	ug/L			03/05/16 19:36	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			03/05/16 19:36	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/05/16 19:36	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/05/16 19:36	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/05/16 19:36	1
Toluene	0.51	U	1.0	0.51	ug/L			03/05/16 19:36	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/05/16 19:36	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/05/16 19:36	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/05/16 19:36	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			03/05/16 19:36	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:36	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/05/16 19:36	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/05/16 19:36	1

Client Sample ID: Blank-34

Lab Sample ID: 660-72250-51

Date Collected: 02/23/16 11:18

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			03/05/16 19:36	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			03/05/16 19:36	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			03/05/16 19:36	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			03/05/16 19:36	1
Vinyl chloride	0.71	~~U J3~~ UJ	1.0	0.71	ug/L			03/05/16 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/16 19:36*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*03/05/16 19:36*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/05/16 19:36*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			03/01/16 20:24	1

Client Sample ID: T Blank 72250

Lab Sample ID: 660-72250-52

Date Collected: 02/23/16 00:00

Matrix: Water

Date Received: 02/24/16 14:25

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/06/16 21:38	1
Benzene	0.50	U	1.0	0.50	ug/L			03/06/16 21:38	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			03/06/16 21:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/06/16 21:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/06/16 21:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/06/16 21:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/06/16 21:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/06/16 21:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/06/16 21:38	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			03/06/16 21:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/06/16 21:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/06/16 21:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/06/16 21:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/06/16 21:38	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			03/06/16 21:38	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			03/06/16 21:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/06/16 21:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/06/16 21:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/06/16 21:38	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			03/06/16 21:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/06/16 21:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/06/16 21:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/06/16 21:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/06/16 21:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/06/16 21:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/06/16 21:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/06/16 21:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/06/16 21:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/06/16 21:38	1

June 2, 2016

Organic and Inorganic Level II Data Validation Report

Effluent Compliance Sampling

Analysis Performed by: TestAmerica, Tampa, FL SDG # 660-73581-1

Prepared by Jim Refermat
Project Chemist/Data Validator

Data Validation Report

Project:	Lockheed Martin - Tallevast	
Laboratory:	TestAmerica Laboratories, Tampa Florida	
SDG:	660-73581-1	
Analyses/Method:	• Volatile Organic Compounds (VOCs) by Gas Chromatography/Mass Spectrometry (GC/MS)/SW8260B and SW8260C SIM • Metals by Inductively Coupled Plasma – Atomic Emission Spectrometry (ICP-AES)/SW6010B	
Validation Level:	Level II	
Prepared by:	Jim Refermat/AECOM	Completed on: June 2, 2016
Reviewed by:	Julie Cassetta/AECOM	File Name: DVR_660-73581-1_r0.doc

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) 660-73581-1. Only the analytical data were reviewed for this validation; field documentation is not included in this review. Included with this assessment are the validation annotated sample results and Chain-of- Custody (COC). The sample listed below was collected by AECOM from the Lockheed Martin Tallevast facility located at 1600 Tallevast Road, Sarasota, Florida 34243, on May 3, 2016 and picked up at the site by TestAmerica Laboratories located in Tampa, Florida.

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
POTW Effluent	660-73581-1	Water	05/03/2016	X	X		

Analytical Data Package Documentation

The table below is an evaluation of data package completeness.

Items Reviewed	Reported	Performance Acceptable	Not Required
1. Chain-of-Custody integrity	yes	yes	
2. Sample preservation and hold times	yes	yes	
3. Sample condition upon receipt checklist	yes	yes	
4. Requested analysis on COC reported	yes	yes	
5. Sample reporting and detection limits	yes	yes	
6. Sample dilution factors	yes	yes	
7. Sample preparation/extraction/analysis dates	yes	yes	
8. Case narrative complete and accurate	yes	yes	
9. Laboratory qualifier definitions provided	yes	yes	
10. Method QA/QC reported as required	yes	yes	
11. Electronic Data Deliverable (EDD) reported	yes	yes	

Analytical Data Overview

The analysis of Volatile Organic Compounds (VOCs) was performed according to United States Environmental Protection Agency (USEPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW846, specifically SW8260B Total Ion Monitoring (TIM) and SW8260C Selective Ion Monitoring (SIM). Metals analysis was performed according to SW6010B Atomic Emission Spectrometry (AES). Quality Control (QC) criteria were derived from the compendium of methodologies presented in SW-846. Validation actions were derived primarily from the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (October 1999*) and the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (February 1994)*, as they applied to the reported methodology. If additional guidance was required, *USEPA Region 4 Data Validation Standard Operating Procedure for Organic Analysis, Revision 3.1 (August 2008)* document was used, along with AECOM professional judgment.

The data review process is an evaluation of data on a technical basis rather than an assessment of contract compliance. As such, the standards against which the data are being evaluated may differ from those specified in the analytical method. It is assumed the analytical data package represents the best efforts of the laboratory and has been subjected to three tiers of quality review prior to release from the laboratory.

During the review process, laboratory qualified and unqualified data are verified and validated against supporting documentation. Based on the data evaluation, qualifier codes may be added, deleted, or modified by the validation chemist. Results are qualified with the following codes based on the USEPA National Functional Guidelines (NFGs):

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound was detected in the sample and its associated blank; its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

J The compound was positively identified; however, the associated numerical value is an estimated concentration.

UJ The compound was not detected above the reported sample quantitation limit; however, the reported concentration is approximate and may not represent the actual limit of quantitation.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

R The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

VOCs by EPA Method SW8260B and SW8260C SIM Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness COC/sample integrity
- ✓ Holding times and sample preservation
- ✓ Laboratory blanks/trip blanks/equipment blanks
- ✓ Surrogate spike recoveries
- ✓ Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) results
- ✓ Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) results
- ✓ Field duplicates
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action is required.

Laboratory Blanks/Equipment Blanks/Trip Blanks

Laboratory Method Blanks (MBs) are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample preparation and analysis process. The associated MB was evaluated at the Method Detection Limit (MDL) for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. Method blank results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data

validation report if the associated results were non-detect or if qualification of sample results was not required.

No analytes were detected in the associated laboratory MB. Since the acceptance criteria were met, no qualification of data was required.

Surrogate Spike Recoveries

Surrogates are structurally similar to analytes of interest; however, they are not found in the environment. All samples undergoing analysis for organic compounds are spiked with surrogate compounds prior to sample preparation and analysis. Surrogate Percent Recoveries (%R) are used to evaluate the performance of the analytical process and were reviewed for conformance with the QC acceptance criteria. The acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

No qualification of the data was required based on surrogate recoveries. All QC acceptance criteria were met, and no further action is required.

MS/MSD Results

Matrix Spike/Matrix Spike Duplicates (MS/MSDs) are used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the Relative Percent Difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

Analytical preparation batches 169180 and 169192 used a "normal" parent sample that was not from the Tallevast site for spiking the MS associated with the SW8260B and SW8260C analytical fractions respectively. Because the sample is not site related, the MS was not evaluated.

LCS/LCSD Results

Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the SW8260B and SW8260C analytical fractions. All QC acceptance criteria were met, and no further action was required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process

in the same manner as the “normal” parent sample and evaluated for RPD between detected analytes greater than four times the Reporting Limit (RL).

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed; no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated (“I”). This "I" qualifier was retained during data validation.

Any sample that was analyzed at a dilution due to high concentrations of targets or non-targets was checked to ensure that the results and/or sample-specific MDLs were adjusted accordingly by the laboratory. No samples required dilution in this data set.

QUALIFICATION ACTIONS

Based on a Level II evaluation of these analytical fractions, no QC excursions were encountered or qualified. As a result, all data reported and evaluated for these analytical fractions are considered compliant and adequate for their intended use.

Metals by EPA Method SW6010B Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness COC/sample integrity
- ✓ Holding times and sample preservation
- ✓ Laboratory blanks/equipment blanks
- ✓ MS/MSD results
- ✓ Laboratory duplicate results
- ✓ LCS/LCSD results
- ✓ Field duplicates
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no results were qualified based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action was required.

Laboratory Blanks/Equipment Blanks

Laboratory MBs are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample digestion and analysis process. The associated MB was evaluated at the MDL for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. MB results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation report if the associated results were non-detect or if qualification of sample results was not required.

No analytes were detected in the associated laboratory MB. Since the acceptance criteria were met, no qualification of data was required.

MS/MSD Results

MS/MSDs ware used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the RPD between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD associated with preparation batch 169203 exhibited bias high results for the recovery of sodium; however the parent sample concentration was greater than four times the spike concentration. As a result, no further action is required for this excursion.

LCS/LCSD Results

LCS/LCSDs are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the SW6010B analytical fraction. All QC acceptance criteria were met, and no further action was required.

Laboratory Duplicate Results

Laboratory duplicates are used to access the precision of the laboratory digestion and analysis process. Laboratory duplicates are a sub-sample of the "normal" parent sample. They are then brought through the analytical digestion and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Laboratory duplicate RPDs are reviewed for conformance with the QC criteria of <25% for aqueous matrices. An MS/MSD was digested and analyzed in lieu of a laboratory duplicate. No further action was required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed: no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated ("I"). This "I" qualifier was retained during data validation. Any sample that was analyzed at a dilution due to high concentrations of targets or non-targets was checked to ensure that the results and/or sample-specific MDLs were adjusted accordingly by the laboratory. No samples required dilution in this data set.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, no QC excursions were encountered that resulted in the rejection of the analytical data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use as qualified.

August 24, 2016

Organic and Inorganic Level II Data Validation Report

Effluent Compliance Sampling

Analysis Performed by: TestAmerica, Tampa, FL SDG # 660-75420-2

Prepared by Jim Refermat
Project Chemist/Data Validator

Data Validation Report

Project:	Lockheed Martin - Tallevast	
Laboratory:	TestAmerica Laboratories, Tampa Florida	
SDG:	660-75420-2	
Analyses/Method:	• Volatile Organic Compounds (VOCs) by Gas Chromatography/Mass Spectrometry (GC/MS)/SW8260B and SW8260C SIM • Metals by Inductively Coupled Plasma – Atomic Emission Spectrometry (ICP-AES)/SW6010B	
Validation Level:	Level II	
Prepared by:	Jim Refermat/AECOM	Completed on: August 24, 2016
Reviewed by:	Denise Oggeri/AECOM	File Name: DVR_660-75420-2_r0.doc

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) 660-75420-2. Only the analytical data were reviewed for this validation; field documentation is not included in this review. Included with this assessment are the validation annotated sample results and Chain-of- Custody (COC). The sample listed below was collected by AECOM from the Lockheed Martin Tallevast facility located at 1600 Tallevast Road, Sarasota, Florida 34243, on August 8, 2016 and picked up at the site by TestAmerica Laboratories located in Tampa, Florida.

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
POTW Effluent	660-75420-2	Water	08/08/2016	X	X		

Analytical Data Package Documentation

The table below is an evaluation of data package completeness.

Items Reviewed	Reported	Performance Acceptable	Not Required
1. Chain-of-Custody integrity	yes	yes	
2. Sample preservation and hold times	yes	yes	
3. Sample condition upon receipt checklist	yes	yes	
4. Requested analysis on COC reported	yes	yes	
5. Sample reporting and detection limits	yes	yes	
6. Sample dilution factors	yes	yes	
7. Sample preparation/extraction/analysis dates	yes	yes	
8. Case narrative complete and accurate	yes	yes	
9. Laboratory qualifier definitions provided	yes	yes	
10. Method QA/QC reported as required	yes	yes	
11. Electronic Data Deliverable (EDD) reported	yes	yes	

Analytical Data Overview

The analysis of Volatile Organic Compounds (VOCs) was performed according to United States Environmental Protection Agency (USEPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW846, specifically SW8260B Total Ion Monitoring (TIM) and SW8260C Selective Ion Monitoring (SIM). Metals analysis was performed according to SW6010B Atomic Emission Spectrometry (AES). Quality Control (QC) criteria were derived from the compendium of methodologies presented in SW-846. Validation actions were derived primarily from the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (October 1999*) and the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (February 1994)*, as they applied to the reported methodology. If additional guidance was required, *USEPA Region 4 Data Validation Standard Operating Procedure for Organic Analysis, Revision 3.1 (August 2008)* document was used, along with AECOM professional judgment.

The data review process is an evaluation of data on a technical basis rather than an assessment of contract compliance. As such, the standards against which the data are being evaluated may differ from those specified in the analytical method. It is assumed the analytical data package represents the best efforts of the laboratory and has been subjected to three tiers of quality review prior to release from the laboratory.

During the review process, laboratory qualified and unqualified data are verified and validated against supporting documentation. Based on the data evaluation, qualifier codes may be added, deleted, or modified by the validation chemist. Results are qualified with the following codes based on the USEPA National Functional Guidelines (NFGs):

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound was detected in the sample and its associated blank; its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

J The compound was positively identified; however, the associated numerical value is an estimated concentration.

UJ The compound was not detected above the reported sample quantitation limit; however, the reported concentration is approximate and may not represent the actual limit of quantitation.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

R The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

VOCs by EPA Method SW8260B and SW8260C SIM Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness COC/sample integrity
- ✓ Holding times and sample preservation
- ✓ Laboratory blanks/trip blanks/equipment blanks
- ✓ Surrogate spike recoveries
- ✓ Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) results
- ✓ Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) results
- ✓ Field duplicates
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no results were qualified based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action is required.

Laboratory Blanks/Equipment Blanks/Trip Blanks

Laboratory Method Blanks (MBs) are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample preparation and analysis process. The associated MB was evaluated at the Method Detection Limit (MDL) for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. Method blank results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data

validation report if the associated results were non-detect or if qualification of sample results was not required.

No analytes were detected in the associated laboratory MB. Since the acceptance criteria were met, no qualification of data was required.

Surrogate Spike Recoveries

Surrogates are structurally similar to analytes of interest; however, they are not found in the environment. All samples undergoing analysis for organic compounds are spiked with surrogate compounds prior to sample preparation and analysis. Surrogate Percent Recoveries (%R) are used to evaluate the performance of the analytical process and were reviewed for conformance with the QC acceptance criteria. The acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

No qualification of the data was required based on surrogate recoveries. All QC acceptance criteria were met, and no further action is required.

MS/MSD Results

Matrix Spike/Matrix Spike Duplicates (MS/MSDs) are used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the Relative Percent Difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

Analytical preparation batches 172600 and 172624 used "normal" parent samples that were not the POTW sample for spiking the MS and MS/MSD associated with the SW8260B and SW8260C analytical fractions respectively. Because the sample is not the POTW parent sample, the MS and MS/MSD were not evaluated.

LCS/LCSD Results

Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the SW8260B and SW8260C analytical fractions. All QC acceptance criteria were met, and no further action was required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the

“normal” parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the “normal” parent sample and evaluated for RPD between detected analytes greater than four times the Reporting Limit (RL).

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed; no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated (“I”). This "I" qualifier was retained during data validation.

Any sample that was analyzed at a dilution due to high concentrations of targets or non-targets was checked to ensure that the results and/or sample-specific MDLs were adjusted accordingly by the laboratory. No samples required dilution in this data set.

QUALIFICATION ACTIONS

Based on a Level II evaluation of these analytical fractions, no QC excursions were encountered or qualified. As a result, all data reported and evaluated for these analytical fractions are considered compliant and adequate for their intended use.

Metals by EPA Method SW6010B Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness COC/sample integrity
- ✓ Holding times and sample preservation
- ✓ Laboratory blanks/equipment blanks
- ✓ MS/MSD results
- ✓ Laboratory duplicate results
- ✓ LCS/LCSD results
- ✓ Field duplicates
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no results were qualified based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action was required.

Laboratory Blanks/Equipment Blanks

Laboratory MBs are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample digestion and analysis process. The associated MB was evaluated at the MDL for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. MB results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation report if the associated results were non-detect or if qualification of sample results was not required.

No analytes were detected in the associated laboratory MB. Since the acceptance criteria were met, no qualification of data was required.

MS/MSD Results

MS/MSDs ware used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the RPD between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD associated with preparation batch 172679 meets acceptance criteria, as a result, no further action is required.

LCS/LCSD Results

LCS/LCSDs are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the SW6010B analytical fraction. All QC acceptance criteria were met, and no further action was required.

Laboratory Duplicate Results

Laboratory duplicates are used to access the precision of the laboratory digestion and analysis process. Laboratory duplicates are a sub-sample of the "normal" parent sample. They are then brought through the analytical digestion and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Laboratory duplicate RPDs are reviewed for conformance with the QC criteria of <25% for aqueous matrices. An MS/MSD was digested and analyzed in lieu of a laboratory duplicate. No further action was required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed: no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated (“I”). This "I" qualifier was retained during data validation. Any sample that was analyzed at a dilution due to high concentrations of targets or non-targets was checked to ensure that the results and/or sample-specific MDLs were adjusted accordingly by the laboratory. No samples required dilution in this data set.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, no QC excursions were encountered that resulted in the rejection of the analytical data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use as qualified.

September 13, 2016

Organic
Level II Data Validation Report

Recovery Well Sampling

Analysis Performed by:
TestAmerica, Tampa, FL
SDG #660-75400-1

Prepared by Jim Refermat
Project Chemist/Data Validator

Data Validation Report

Project:	Lockheed Martin – Tallevast	
Laboratory:	TestAmerica Laboratories, Tampa Florida	
SDG:	660-75400-1	
Analyses/Method:	• Volatile Organic Compounds (VOCs) by Gas Chromatography/Mass Spectrometry (GC/MS)/SW8260B and SW8260C SIM	
Validation Level:	Level II	
Prepared by:	Jim Refermat/AECOM	Completed: September 2016
Reviewed by:	Denise Oggeri/AECOM	File Name: DVR_660-75400-1_r0 RWs.doc

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) 660-75400-1. Only the analytical data were reviewed for this validation, field documentation is not included in this review. Included with this assessment are the validation annotated sample results and Chain-of-Custody (COC). The samples listed below were collected by AECOM from the Lockheed Martin Tallevast facility located at 1600 Tallevast Road, Sarasota, Florida 34243, on August 4th and 5th, 2016 and picked up at the site by TestAmerica Laboratories located in Tampa, Florida.

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
EW2001_INF	660-75400-1	WATER	8/4/2016	X			
EW2002_INF	660-75400-2	WATER	8/4/2016	X			
EW2003_INF	660-75400-3	WATER	8/4/2016	X			
EW2004_INF	660-75400-4	WATER	8/4/2016	X			
EW2005_INF	660-75400-5	WATER	8/4/2016	X			
EW2006_INF	660-75400-6	WATER	8/4/2016	X			
EW2007_INF	660-75400-7	WATER	8/4/2016	X			
EW2008_INF	660-75400-8	WATER	8/4/2016	X			
EW2009_INF	660-75400-9	WATER	8/4/2016	X			
EW2010_INF	660-75400-10	WATER	8/4/2016	X			
EW2011_INF	660-75400-11	WATER	8/4/2016	X			
EW2012_INF	660-75400-12	WATER	8/4/2016	X			
EW2013_INF	660-75400-13	WATER	8/4/2016	X			
EW2014_INF	660-75400-14	WATER	8/4/2016	X			
EW2015_INF	660-75400-15	WATER	8/4/2016	X			
EW2016_INF	660-75400-16	WATER	8/5/2016	X			
EW2017_INF	660-75400-17	WATER	8/5/2016	X			

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
EW2018_INF	660-75400-18	WATER	8/5/2016	X			
EW2019_INF	660-75400-19	WATER	8/5/2016	X			
EW2020_INF	660-75400-20	WATER	8/5/2016	X			
EW2021_INF	660-75400-21	WATER	8/5/2016	X			
EW2022_INF	660-75400-22	WATER	8/5/2016	X			
EW2023_INF	660-75400-23	WATER	8/5/2016	X			
EW2024_INF	660-75400-24	WATER	8/5/2016	X			
EW2025_INF	660-75400-25	WATER	8/5/2016	X			
EW2026_INF	660-75400-26	WATER	8/5/2016	X			
EW2027_INF	660-75400-27	WATER	8/5/2016	X			
EW2028_INF	660-75400-28	WATER	8/5/2016	X			
EW2029_INF	660-75400-29	WATER	8/5/2016	X			
EW2030_INF	660-75400-30	WATER	8/5/2016	X			
EW2031_INF	660-75400-31	WATER	8/5/2016	X			
EW2032_INF	660-75400-32	WATER	8/5/2016	X			
EW2033_INF	660-75400-33	WATER	8/5/2016	X			
EW2034_INF	660-75400-34	WATER	8/4/2016	X			
EW2035_INF	660-75400-35	WATER	8/4/2016	X			
EW2036_INF	660-75400-36	WATER	8/4/2016	X			
EW2037_INF	660-75400-37	WATER	8/4/2016	X			
EW2101_INF	660-75400-38	WATER	8/4/2016	X			
EW2102_INF	660-75400-39	WATER	8/4/2016	X			
EW2103_INF	660-75400-40	WATER	8/4/2016	X			
EW2104_INF	660-75400-41	WATER	8/4/2016	X			
EW3001_INF	660-75400-42	WATER	8/4/2016	X			
EW3002_INF	660-75400-43	WATER	8/4/2016	X			
EW3003_INF	660-75400-44	WATER	8/4/2016	X			
EW3004_INF	660-75400-45	WATER	8/5/2016	X			
EW3005_INF	660-75400-46	WATER	8/5/2016	X			
EW3006_INF	660-75400-47	WATER	8/5/2016	X			
EW3007_INF	660-75400-48	WATER	8/5/2016	X			
EW3008_INF	660-75400-49	WATER	8/5/2016	X			
EW3009_INF	660-75400-50	WATER	8/5/2016	X			
EW3010_INF	660-75400-51	WATER	8/5/2016	X			
EW3011_INF	660-75400-52	WATER	8/4/2016	X			
EW3012_INF	660-75400-53	WATER	8/4/2016	X			
EW3013_INF	660-75400-54	WATER	8/4/2016	X			
EW3014_INF	660-75400-55	WATER	8/4/2016	X			
EW3015_INF	660-75400-56	WATER	8/4/2016	X			

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
EW3016_INF	660-75400-57	WATER	8/4/2016	X			
EW3017_INF	660-75400-58	WATER	8/4/2016	X			
EW3018_INF	660-75400-59	WATER	8/4/2016	X			
EW3019_INF	660-75400-60	WATER	8/4/2016	X			
EW3020_INF	660-75400-61	WATER	8/4/2016	X			
EW3021_INF	660-75400-62	WATER	8/4/2016	X			
EW3022_INF	660-75400-63	WATER	8/4/2016	X			
EW3023_INF	660-75400-64	WATER	8/4/2016	X			
EW3024_INF	660-75400-65	WATER	8/5/2016	X			
EW3025_INF	660-75400-66	WATER	8/4/2016	X			
EW3026_INF	660-75400-67	WATER	8/4/2016	X			
EW3027_INF	660-75400-68	WATER	8/5/2016	X			
EW4001_INF	660-75400-69	WATER	8/4/2016	X			
EW4002_INF	660-75400-70	WATER	8/4/2016	X			
EW4003_INF	660-75400-71	WATER	8/5/2016	X			
EW4004_INF	660-75400-72	WATER	8/4/2016	X			
EW4005_INF	660-75400-73	WATER	8/5/2016	X			
EW4006_INF	660-75400-74	WATER	8/4/2016	X			
EW4007_INF	660-75400-75	WATER	8/4/2016	X			
EW4008_INF	660-75400-76	WATER	8/4/2016	X			
EW4009_INF	660-75400-77	WATER	8/4/2016	X			
EW4010_INF	660-75400-78	WATER	8/4/2016	X			
EW4011_INF	660-75400-79	WATER	8/4/2016	X			
EW5001_INF	660-75400-80	WATER	8/5/2016	X			
EW5002_INF	660-75400-81	WATER	8/4/2016	X			
Trip Blank 1	660-75400-82	WATER	8/4/2016	X			
Trip Blank 2	660-75400-83	WATER	8/4/2016	X			
Trip Blank 3	660-75400-84	WATER	8/4/2016	X			

Analytical Data Package Documentation

The table below is an evaluation of data package completeness.

Items Reviewed	Reported	Performance Acceptable	Not Required
1. Chain-of-Custody integrity	yes	yes	
2. Sample preservation and hold times	yes	yes	
3. Sample condition upon receipt checklist	yes	yes	
4. Requested analysis on COC reported	yes	yes	
5. Sample reporting and detection limits	yes	yes	
6. Sample dilution factors	yes	yes	
7. Sample preparation/extraction/analysis dates	yes	yes	
8. Case narrative complete and accurate	yes	yes	
9. Laboratory qualifier definitions provided	yes	yes	
10. Method QA/QC reported as required	yes	yes	
11. Electronic Data Deliverable (EDD) reported	yes	yes	

Analytical Data Overview

The analysis of Volatile Organic Compounds (VOCs) was performed according to United States Environmental Protection Agency (USEPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW846, specifically SW8260B Total Ion Monitoring (TIM) and SW8260C Selective Ion Monitoring (SIM). Quality Control (QC) criteria were derived from the compendium of methodologies presented in SW-846. Validation actions were derived primarily from the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (October 1999*) as they applied to the reported methodology. If additional guidance was required, *USEPA Region 4 Data Validation Standard Operating Procedure for Organic Analysis, Revision 3.1 (August 2008)* document was used, along with AECOM professional judgment

The data review process is an evaluation of data on a technical basis rather than an assessment of contract compliance. As such, the standards against which the data are being evaluated may differ from those specified in the analytical method. It is assumed the analytical data package represents the best efforts of the laboratory and has been subjected to three tiers of quality review prior to release from the laboratory.

During the review process, laboratory qualified and unqualified data are verified and validated against supporting documentation. Based on the data evaluation, qualifier codes may be added, deleted, or modified by the validation chemist. Results are qualified with the following codes based on the USEPA National Functional Guidelines (NFGs):

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound was detected in the sample and its associated blank; its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

D The concentration is based on a diluted sample analysis.

- Validation Qualifiers

J The compound was positively identified; however, the associated numerical value is an estimated concentration.

UJ The compound was not detected above the reported sample quantitation limit; however, the reported concentration is approximate and may not represent the actual limit of quantitation.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

R The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

VOCs by EPA Method SW8260B and SW8260C SIM Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

✓	Data completeness COC/sample integrity
✓	Holding times and sample preservation
✓	Laboratory blanks/trip blanks/equipment blanks
✓	Surrogate spike recoveries
✗	Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) results
✗	Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) results
✓	Field duplicates
✓	Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action was required.

Laboratory Blanks/Equipment Blanks/Trip Blanks

Laboratory Method Blanks (MBs) and Trip Blanks (TBs) are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample preparation, collection, transportation and analysis process. The associated MBs and TB were evaluated at the Method Detection Limit (MDL) for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. MB results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation report if the associated results were non-detect or if qualification of sample results was not required.

Preparation batch 172545 exhibited a trace detection of Hexachlorobutadiene in the MB, however this analyte was not detected in any of the associated "normal" field samples, no action was required. No other target analytes were detected in any of the other MBs or TB associated with this SDG.

Surrogate Spike Recoveries

Surrogates are structurally similar to analytes of interest; however, they are not found in the environment. All samples undergoing analysis for organic compounds are spiked with surrogate compounds prior to sample preparation and analysis. Surrogate Percent Recoveries (%R) are used to evaluate the performance of the analytical process and were reviewed for conformance with the QC acceptance criteria. The acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

No qualification of the data was required based on surrogate recoveries. All QC acceptance criteria were met, and no further action is required.

MS/MSD Results

MS/MSDs are used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the Relative Percent Difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. The MS/MSD for the following analytical preparation batches were evaluated for the SW8260C analytical fraction and are in-control: 172539, 172568, and 172658. No further action is required. The MS for following analytical preparation batches were evaluated for the SW8260B analytical fraction and are in-control: 172528 and 172654. No further action is required.

Analytical preparation batch 172624 and 172739 used a "normal" parent sample that was not from the Tallevast site for spiking the MS/MSD associated with the SW8260C analytical fraction. Because the sample is not site related, the MS/MSD was not evaluated. Similarly, analytical preparation batch 172547, 172600 and 172815 associated with SW8260B analytical fraction used a "normal" parent sample that was not from the Tallevast site and was not evaluated for that reason.

An MS or MS/MSD was not associated with SW8260B preparation batch 172594, however an LCS/LCSD was run in lieu of the batch MS/MSD, no further action is required.

The MS results associated with preparation batch 172545 exceeded criteria bias high for cis-1,2-Dichloroethene and Dichlorodifluoromethane bias high, however because this excursion was bias high, no further action is required.

The MS results for Carbon Disulfide from preparation batch 172526 exceeded criteria bias low; as a result, the "normal" parent sample in the associated preparation batch is qualified as non-detect estimated "UJ" for the referenced analyte.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability

EW2002_INF	660-75400-2	Carbon Disulfide	UJ	Bias Low

The MSD results for 1,4-Dioxane from preparation batch 172530 exceeded recovery criteria bias low and the RPD criteria between the MS and MSD; as a result, the "normal" parent sample in the associated preparation batch is qualified as non-detect estimated "UJ" for the referenced analyte.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
EW2001_INF	660-75400-1	1,4-Dioxane	UJ	Bias Low

LCS/LCSD Results

Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the SW8260B and SW8260C analytical fractions. All QC acceptance criteria were met with the exception of the following quality excursions:

The LCS results associated with preparation batch 172528 exceeded criteria bias high for Dichlorodifluoromethane bias high, because the referenced analyte was non-detect, no further action is required.

The LCSD results for Carbon Disulfide and 1,1-Dichloroethene from preparation batch 172526 exceeded criteria bias low, as a result, all samples in the associated preparation batch are qualified as estimated non-detect "UJ" for non-detects. There were no detections for the referenced analytes associated with this preparation batch.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
EW2001_INF	660-75400-1	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low
EW2002_INF	660-75400-2	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low
EW2005_INF	660-75400-5	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low
EW2007_INF	660-75400-7	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low
EW2008_INF	660-75400-8	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low
EW2009_INF	660-75400-9	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low
EW2010_INF	660-75400-10	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low
EW2011_INF	660-75400-11	Carbon Disulfide	UJ	Bias Low

		1,1-Dichloroethene	UJ	Bias Low
EW2012_INF	660-75400-12	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low
EW2013_INF	660-75400-13	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low
EW2015_INF	660-75400-15	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low
EW2017_INF	660-75400-17	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low
EW2019_INF	660-75400-19	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low
EW2020_INF	660-75400-20	Carbon Disulfide 1,1-Dichloroethene	UJ UJ	Bias Low Bias Low

The RPD between the LCS and LCSD associated with Naphthalene from preparation batch 172594 exceeded criteria, as a result, all samples in the associated preparation batch are qualified as estimated non-detect “UJ” for non-detects. There were no detections for the referenced analyte associated with this preparation batch.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
EW3024_INF	660-75400-65	Naphthalene	UJ	Bias Low
EW3026_INF	660-75400-67	Naphthalene	UJ	Bias Low
EW4001_INF	660-75400-69	Naphthalene	UJ	Bias Low
EW4002_INF	660-75400-70	Naphthalene	UJ	Bias Low
EW4003_INF	660-75400-71	Naphthalene	UJ	Bias Low
EW4004_INF	660-75400-72	Naphthalene	UJ	Bias Low
EW4005_INF	660-75400-73	Naphthalene	UJ	Bias Low
EW4006_INF	660-75400-74	Naphthalene	UJ	Bias Low
EW4007_INF	660-75400-75	Naphthalene	UJ	Bias Low
EW4008_INF	660-75400-76	Naphthalene	UJ	Bias Low
EW4009_INF	660-75400-77	Naphthalene	UJ	Bias Low
EW4010_INF	660-75400-78	Naphthalene	UJ	Bias Low
EW4011_INF	660-75400-79	Naphthalene	UJ	Bias Low
EW5001_INF	660-75400-80	Naphthalene	UJ	Bias Low
EW5002_INF	660-75400-81	Naphthalene	UJ	Bias Low
Trip Blank 1	660-75400-82	Naphthalene	UJ	Bias Low
Trip Blank 2	660-75400-83	Naphthalene	UJ	Bias Low
Trip Blank 3	660-75400-84	Naphthalene	UJ	Bias Low

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the “normal” parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the “normal” parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates were not collected or analyzed; no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated ("I"). This "I" qualifier was retained during data validation.

Any sample that was analyzed at a dilution due to high concentrations of target or non-targets was checked to ensure that the results and/or sample specific MDLs were adjusted accordingly by the laboratory. The following samples from the 8260B analytical fraction required dilution due to analyte concentrations in the parent sample above the linear range of calibration: EW3006_INF, EW-3012_INF, EW3023_INF, EW3027_INF and EW4003_INF. Several samples from the 8260C analytical fraction required dilution due to analyte concentrations in the parent sample above the linear range of calibration, however the affected samples were all reported with elevated 1,4-dioxane concentrations, and as a result, no further action is required.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, none of QC excursions encountered resulted in the rejection of data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use as qualified.

Client Sample ID: EW2001_INF
Date Collected: 08/04/16 08:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 12:42	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 12:42	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 12:42	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 12:42	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:42	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 12:42	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 12:42	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 12:42	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 12:42	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 12:42	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 12:42	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:42	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 12:42	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 12:42	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 12:42	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 12:42	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 12:42	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 12:42	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 12:42	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 12:42	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 12:42	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 12:42	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 12:42	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 12:42	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:42	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 12:42	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 12:42	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 12:42	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 12:42	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 12:42	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 12:42	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 12:42	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 12:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 12:42	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 12:42	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 12:42	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 12:42	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 12:42	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 12:42	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 12:42	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 12:42	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 12:42	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 12:42	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 12:42	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 12:42	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 12:42	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 12:42	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 12:42	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 12:42	1

Client Sample ID: EW2001_INF
Date Collected: 08/04/16 08:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 12:42	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 12:42	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 12:42	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 12:42	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 12:42	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 12:42	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 12:42	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 12:42	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 12:42	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 12:42	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 12:42	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 12:42	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 12:42	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 12:42	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 12:42	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 130*		*08/06/16 12:42*	*1*
Dibromofluoromethane	*99*		*70 - 130*		*08/06/16 12:42*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/06/16 12:42*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 12:27	1

Client Sample ID: EW2002_INF
Date Collected: 08/04/16 08:28
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 13:20	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 13:20	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 13:20	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 13:20	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 13:20	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 13:20	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 13:20	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 13:20	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 13:20	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 13:20	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 13:20	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 13:20	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 13:20	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 13:20	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 13:20	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 13:20	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 13:20	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 13:20	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 13:20	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 13:20	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 13:20	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 13:20	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 13:20	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 13:20	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 13:20	1
1,1-Dichloroethane	**0.57**	**I**	1.0	0.52	ug/L			08/06/16 13:20	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 13:20	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 13:20	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 13:20	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 13:20	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 13:20	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 13:20	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 13:20	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 13:20	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 13:20	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 13:20	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 13:20	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 13:20	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 13:20	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 13:20	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 13:20	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 13:20	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 13:20	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 13:20	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 13:20	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 13:20	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 13:20	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 13:20	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 13:20	1

Client Sample ID: EW2002_INF
Date Collected: 08/04/16 08:28
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/06/16 13:20	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/06/16 13:20	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/06/16 13:20	1
Toluene	0.51	U	1.0	0.51	ug/L			08/06/16 13:20	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/06/16 13:20	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/06/16 13:20	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/06/16 13:20	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 13:20	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 13:20	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/06/16 13:20	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/06/16 13:20	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 13:20	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/06/16 13:20	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/06/16 13:20	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/06/16 13:20	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/06/16 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/06/16 13:20*	*1*
Dibromofluoromethane	*91*		*70 - 130*		*08/06/16 13:20*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/06/16 13:20*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.2**		2.0	1.0	ug/L			08/06/16 13:40	1

Client Sample ID: EW2005_INF
Date Collected: 08/04/16 08:47
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 14:54	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 14:54	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 14:54	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 14:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:54	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 14:54	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 14:54	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 14:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 14:54	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 14:54	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 14:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 14:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 14:54	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 14:54	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 14:54	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 14:54	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 14:54	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 14:54	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 14:54	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 14:54	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 14:54	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 14:54	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 14:54	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 14:54	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 14:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 14:54	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 14:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 14:54	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 14:54	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 14:54	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 14:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 14:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 14:54	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 14:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 14:54	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 14:54	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 14:54	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 14:54	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 14:54	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 14:54	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 14:54	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 14:54	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 14:54	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 14:54	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 14:54	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 14:54	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 14:54	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 14:54	1

Client Sample ID: EW2006_INF
Date Collected: 08/04/16 08:57
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/10/16 11:46	1
Benzene	0.50	U	1.0	0.50	ug/L			08/10/16 11:46	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 11:46	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/10/16 11:46	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/10/16 11:46	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/10/16 11:46	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/10/16 11:46	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/10/16 11:46	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/10/16 11:46	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/10/16 11:46	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/10/16 11:46	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/10/16 11:46	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/10/16 11:46	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/10/16 11:46	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/10/16 11:46	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/10/16 11:46	1
cis-1,2-Dichloroethene	**0.92**	**I**	1.0	0.65	ug/L			08/10/16 11:46	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/10/16 11:46	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/10/16 11:46	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/10/16 11:46	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/10/16 11:46	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/10/16 11:46	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/10/16 11:46	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/10/16 11:46	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 11:46	1
1,1-Dichloroethane	**1.1**		1.0	0.52	ug/L			08/10/16 11:46	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/10/16 11:46	1
1,1-Dichloroethene	**3.5**		1.0	0.67	ug/L			08/10/16 11:46	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/10/16 11:46	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/10/16 11:46	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/10/16 11:46	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/10/16 11:46	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/10/16 11:46	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/10/16 11:46	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/10/16 11:46	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/10/16 11:46	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/10/16 11:46	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/10/16 11:46	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/10/16 11:46	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/10/16 11:46	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/10/16 11:46	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/10/16 11:46	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/10/16 11:46	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/10/16 11:46	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/10/16 11:46	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/10/16 11:46	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/10/16 11:46	1
Styrene	0.98	U	2.0	0.98	ug/L			08/10/16 11:46	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/10/16 11:46	1

Client Sample ID: EW2007_INF
Date Collected: 08/04/16 09:03
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 15:32	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 15:32	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 15:32	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 15:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:32	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 15:32	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 15:32	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 15:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:32	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 15:32	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 15:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 15:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 15:32	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 15:32	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 15:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 15:32	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 15:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 15:32	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 15:32	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 15:32	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 15:32	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 15:32	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 15:32	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 15:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 15:32	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 15:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 15:32	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 15:32	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 15:32	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 15:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 15:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 15:32	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 15:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 15:32	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 15:32	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 15:32	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 15:32	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 15:32	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 15:32	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 15:32	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 15:32	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 15:32	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 15:32	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 15:32	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:32	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 15:32	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 15:32	1

Client Sample ID: EW2008_INF
Date Collected: 08/04/16 10:18
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 15:51	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 15:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 15:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 15:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:51	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 15:51	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 15:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 15:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 15:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 15:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 15:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 15:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 15:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 15:51	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 15:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 15:51	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 15:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 15:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 15:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 15:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 15:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 15:51	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 15:51	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 15:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 15:51	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 15:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 15:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 15:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 15:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 15:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 15:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 15:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 15:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 15:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 15:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 15:51	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 15:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 15:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 15:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 15:51	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 15:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 15:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 15:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 15:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 15:51	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 15:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 15:51	1

Client Sample ID: EW2009_INF
Date Collected: 08/04/16 10:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 16:10	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 16:10	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:10	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 16:10	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:10	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 16:10	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 16:10	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 16:10	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:10	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 16:10	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 16:10	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:10	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 16:10	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 16:10	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 16:10	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 16:10	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 16:10	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 16:10	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 16:10	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 16:10	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 16:10	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 16:10	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 16:10	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 16:10	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:10	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 16:10	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 16:10	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 16:10	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 16:10	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 16:10	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 16:10	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 16:10	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 16:10	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 16:10	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 16:10	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 16:10	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 16:10	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 16:10	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 16:10	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 16:10	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 16:10	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 16:10	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 16:10	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 16:10	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 16:10	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 16:10	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:10	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 16:10	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 16:10	1

Client Sample ID: EW2010_INF
Date Collected: 08/04/16 10:22
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 16:29	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 16:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 16:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:29	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 16:29	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 16:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 16:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 16:29	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 16:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 16:29	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 16:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 16:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 16:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 16:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 16:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 16:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 16:29	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 16:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 16:29	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 16:29	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 16:29	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:29	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 16:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 16:29	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 16:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 16:29	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 16:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 16:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 16:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 16:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 16:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 16:29	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 16:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 16:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 16:29	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 16:29	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 16:29	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 16:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 16:29	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 16:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 16:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 16:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 16:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:29	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 16:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 16:29	1

Client Sample ID: EW2011_INF
Date Collected: 08/04/16 10:26
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 16:48	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 16:48	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 16:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 16:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 16:48	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 16:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 16:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:48	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 16:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 16:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 16:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 16:48	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 16:48	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 16:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 16:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 16:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 16:48	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 16:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 16:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 16:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 16:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 16:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 16:48	1
1,1-Dichloroethane	**0.82**	**I**	1.0	0.52	ug/L			08/06/16 16:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 16:48	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 16:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 16:48	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 16:48	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 16:48	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 16:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 16:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 16:48	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 16:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 16:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 16:48	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 16:48	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 16:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 16:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 16:48	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 16:48	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 16:48	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 16:48	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 16:48	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 16:48	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 16:48	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 16:48	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 16:48	1

Client Sample ID: EW2012_INF
Date Collected: 08/04/16 09:32
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 17:07	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 17:07	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:07	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 17:07	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:07	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 17:07	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 17:07	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 17:07	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:07	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 17:07	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 17:07	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:07	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 17:07	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 17:07	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 17:07	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 17:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 17:07	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 17:07	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 17:07	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 17:07	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 17:07	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 17:07	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 17:07	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 17:07	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:07	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 17:07	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 17:07	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 17:07	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 17:07	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 17:07	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 17:07	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 17:07	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 17:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 17:07	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 17:07	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 17:07	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 17:07	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 17:07	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 17:07	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 17:07	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 17:07	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 17:07	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 17:07	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 17:07	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 17:07	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 17:07	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:07	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 17:07	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 17:07	1

Client Sample ID: EW2013_INF
Date Collected: 08/04/16 09:27
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 17:25	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 17:25	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:25	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 17:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:25	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 17:25	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 17:25	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 17:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:25	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 17:25	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 17:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 17:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 17:25	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 17:25	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 17:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 17:25	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 17:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 17:25	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 17:25	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 17:25	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 17:25	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 17:25	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 17:25	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:25	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 17:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 17:25	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 17:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 17:25	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 17:25	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 17:25	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 17:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 17:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 17:25	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 17:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 17:25	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 17:25	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 17:25	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 17:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 17:25	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 17:25	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 17:25	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 17:25	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 17:25	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 17:25	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 17:25	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:25	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 17:25	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 17:25	1

Client Sample ID: EW2015_INF
Date Collected: 08/04/16 14:23
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 17:44	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 17:44	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 17:44	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 17:44	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:44	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 17:44	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 17:44	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 17:44	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:44	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 17:44	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 17:44	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:44	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 17:44	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 17:44	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 17:44	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 17:44	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 17:44	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 17:44	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 17:44	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 17:44	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 17:44	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 17:44	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 17:44	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 17:44	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 17:44	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 17:44	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 17:44	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 17:44	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 17:44	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 17:44	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 17:44	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 17:44	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 17:44	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 17:44	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 17:44	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 17:44	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 17:44	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 17:44	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 17:44	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 17:44	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 17:44	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 17:44	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 17:44	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 17:44	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 17:44	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 17:44	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 17:44	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 17:44	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 17:44	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction □ ells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2016_INF
Date Collected: 08/05/16 08:01
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/10/16 12:05	1
Benzene	0.50	U	1.0	0.50	ug/L			08/10/16 12:05	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 12:05	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/10/16 12:05	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:05	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/10/16 12:05	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/10/16 12:05	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/10/16 12:05	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/10/16 12:05	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/10/16 12:05	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/10/16 12:05	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:05	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/10/16 12:05	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/10/16 12:05	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/10/16 12:05	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/10/16 12:05	1
cis-1,2-Dichloroethene	**0.80**	**I**	1.0	0.65	ug/L			08/10/16 12:05	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/10/16 12:05	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/10/16 12:05	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/10/16 12:05	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/10/16 12:05	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/10/16 12:05	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/10/16 12:05	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/10/16 12:05	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:05	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/10/16 12:05	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/10/16 12:05	1
1,1-Dichloroethene	**1.1**		1.0	0.67	ug/L			08/10/16 12:05	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/10/16 12:05	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/10/16 12:05	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/10/16 12:05	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/10/16 12:05	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/10/16 12:05	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/10/16 12:05	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/10/16 12:05	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/10/16 12:05	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/10/16 12:05	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/10/16 12:05	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/10/16 12:05	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/10/16 12:05	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/10/16 12:05	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/10/16 12:05	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/10/16 12:05	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/10/16 12:05	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/10/16 12:05	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/10/16 12:05	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/10/16 12:05	1
Styrene	0.98	U	2.0	0.98	ug/L			08/10/16 12:05	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/10/16 12:05	1

Client Sample ID: EW2017_INF
Date Collected: 08/05/16 07:44
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 18:22	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 18:22	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 18:22	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 18:22	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:22	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 18:22	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 18:22	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 18:22	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:22	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 18:22	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 18:22	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:22	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 18:22	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 18:22	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 18:22	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 18:22	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 18:22	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 18:22	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 18:22	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 18:22	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 18:22	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 18:22	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 18:22	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 18:22	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:22	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 18:22	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 18:22	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 18:22	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 18:22	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 18:22	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 18:22	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 18:22	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 18:22	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 18:22	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 18:22	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 18:22	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 18:22	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 18:22	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 18:22	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 18:22	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 18:22	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 18:22	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 18:22	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 18:22	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 18:22	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 18:22	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:22	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 18:22	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 18:22	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction □ ells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW2018_INF
Date Collected: 08/05/16 08:06
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/10/16 12:23	1
Benzene	0.50	U	1.0	0.50	ug/L			08/10/16 12:23	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/10/16 12:23	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/10/16 12:23	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:23	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/10/16 12:23	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/10/16 12:23	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/10/16 12:23	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/10/16 12:23	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/10/16 12:23	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/10/16 12:23	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:23	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/10/16 12:23	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/10/16 12:23	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/10/16 12:23	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/10/16 12:23	1
cis-1,2-Dichloroethene	**16**		1.0	0.65	ug/L			08/10/16 12:23	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/10/16 12:23	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/10/16 12:23	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/10/16 12:23	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/10/16 12:23	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/10/16 12:23	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/10/16 12:23	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/10/16 12:23	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/10/16 12:23	1
1,1-Dichloroethane	**0.86**	**I**	1.0	0.52	ug/L			08/10/16 12:23	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/10/16 12:23	1
1,1-Dichloroethene	**1.5**		1.0	0.67	ug/L			08/10/16 12:23	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/10/16 12:23	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/10/16 12:23	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/10/16 12:23	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/10/16 12:23	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/10/16 12:23	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/10/16 12:23	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/10/16 12:23	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/10/16 12:23	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/10/16 12:23	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/10/16 12:23	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/10/16 12:23	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/10/16 12:23	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/10/16 12:23	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/10/16 12:23	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/10/16 12:23	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/10/16 12:23	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/10/16 12:23	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/10/16 12:23	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/10/16 12:23	1
Styrene	0.98	U	2.0	0.98	ug/L			08/10/16 12:23	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/10/16 12:23	1

Client Sample ID: EW2019_INF
Date Collected: 08/05/16 08:13
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 18:41	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 18:41	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 18:41	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 18:41	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:41	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 18:41	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 18:41	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 18:41	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:41	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 18:41	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 18:41	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:41	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 18:41	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 18:41	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 18:41	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 18:41	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 18:41	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 18:41	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 18:41	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 18:41	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 18:41	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 18:41	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 18:41	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 18:41	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 18:41	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 18:41	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 18:41	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 18:41	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 18:41	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 18:41	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 18:41	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 18:41	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 18:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 18:41	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 18:41	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 18:41	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 18:41	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 18:41	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 18:41	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 18:41	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 18:41	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 18:41	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 18:41	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 18:41	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 18:41	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 18:41	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 18:41	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 18:41	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 18:41	1

Client Sample ID: EW2020_INF
Date Collected: 08/05/16 07:52
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/06/16 19:00	1
Benzene	0.50	U	1.0	0.50	ug/L			08/06/16 19:00	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/06/16 19:00	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/06/16 19:00	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/06/16 19:00	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/06/16 19:00	1
Carbon disulfide	1.0	U J3 UJ	2.0	1.0	ug/L			08/06/16 19:00	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/06/16 19:00	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/06/16 19:00	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/06/16 19:00	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/06/16 19:00	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/06/16 19:00	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/06/16 19:00	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/06/16 19:00	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/06/16 19:00	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/06/16 19:00	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/06/16 19:00	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/06/16 19:00	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/06/16 19:00	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/06/16 19:00	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/06/16 19:00	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/06/16 19:00	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/06/16 19:00	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/06/16 19:00	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/06/16 19:00	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/06/16 19:00	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/06/16 19:00	1
1,1-Dichloroethene	0.67	U J3 UJ	1.0	0.67	ug/L			08/06/16 19:00	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/06/16 19:00	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/06/16 19:00	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/06/16 19:00	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/06/16 19:00	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/06/16 19:00	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/06/16 19:00	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/06/16 19:00	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/06/16 19:00	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/06/16 19:00	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/06/16 19:00	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/06/16 19:00	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/06/16 19:00	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/06/16 19:00	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/06/16 19:00	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/06/16 19:00	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/06/16 19:00	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/06/16 19:00	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/06/16 19:00	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/06/16 19:00	1
Styrene	0.98	U	2.0	0.98	ug/L			08/06/16 19:00	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/06/16 19:00	1

Client Sample ID: EW3024_INF
Date Collected: 08/05/16 07:48
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-65
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 10:55	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 10:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 10:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 10:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 10:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 10:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 10:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 10:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 10:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 10:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 10:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 10:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 10:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 10:55	1
cis-1,2-Dichloroethene	**2.0**		1.0	0.65	ug/L			08/09/16 10:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 10:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 10:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 10:55	1
1,2-Dichlorobenzene	**0.69**	**I**	1.0	0.49	ug/L			08/09/16 10:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 10:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 10:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 10:55	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:55	1
1,1-Dichloroethane	**6.8**		1.0	0.52	ug/L			08/09/16 10:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 10:55	1
1,1-Dichloroethene	**64**		1.0	0.67	ug/L			08/09/16 10:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 10:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 10:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 10:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 10:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 10:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 10:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 10:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 10:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 10:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 10:55	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 10:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 10:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 10:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 10:55	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 10:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 10:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 10:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 10:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 10:55	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 10:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 10:55	1

Client Sample ID: EW3026_INF
Date Collected: 08/04/16 13:13
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-67
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 10:16	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 10:16	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 10:16	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 10:16	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:16	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 10:16	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 10:16	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 10:16	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 10:16	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 10:16	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 10:16	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:16	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 10:16	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 10:16	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 10:16	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 10:16	1
cis-1,2-Dichloroethene	**2.3**		1.0	0.65	ug/L			08/09/16 10:16	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 10:16	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 10:16	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 10:16	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 10:16	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 10:16	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 10:16	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 10:16	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 10:16	1
1,1-Dichloroethane	**12**		1.0	0.52	ug/L			08/09/16 10:16	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 10:16	1
1,1-Dichloroethene	**32**		1.0	0.67	ug/L			08/09/16 10:16	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 10:16	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 10:16	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 10:16	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 10:16	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 10:16	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 10:16	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 10:16	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 10:16	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 10:16	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 10:16	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 10:16	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 10:16	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 10:16	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 10:16	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 10:16	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 10:16	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 10:16	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 10:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 10:16	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 10:16	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 10:16	1

Client Sample ID: EW4001_INF
Date Collected: 08/04/16 11:02
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-69
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 12:54	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 12:54	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 12:54	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 12:54	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:54	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 12:54	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 12:54	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 12:54	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 12:54	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 12:54	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 12:54	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:54	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 12:54	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 12:54	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 12:54	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 12:54	1
cis-1,2-Dichloroethene	**11**		1.0	0.65	ug/L			08/09/16 12:54	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 12:54	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 12:54	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 12:54	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 12:54	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 12:54	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 12:54	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 12:54	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:54	1
1,1-Dichloroethane	**1.5**		1.0	0.52	ug/L			08/09/16 12:54	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 12:54	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 12:54	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 12:54	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 12:54	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 12:54	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 12:54	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 12:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 12:54	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 12:54	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 12:54	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 12:54	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 12:54	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 12:54	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 12:54	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 12:54	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 12:54	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 12:54	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 12:54	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 12:54	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 12:54	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 12:54	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 12:54	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 12:54	1

Client Sample ID: EW4002_INF
Date Collected: 08/04/16 10:41
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-70
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 13:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 13:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 13:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 13:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 13:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 13:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 13:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 13:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 13:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 13:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 13:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 13:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 13:13	1
cis-1,2-Dichloroethene	**11**		1.0	0.65	ug/L			08/09/16 13:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 13:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 13:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 13:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 13:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 13:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 13:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 13:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:13	1
1,1-Dichloroethane	**3.3**		1.0	0.52	ug/L			08/09/16 13:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 13:13	1
1,1-Dichloroethene	**9.7**		1.0	0.67	ug/L			08/09/16 13:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 13:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 13:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 13:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 13:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 13:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 13:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 13:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 13:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 13:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 13:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 13:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 13:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 13:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 13:13	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 13:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 13:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 13:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 13:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 13:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 13:13	1

Client Sample ID: EW4003_INF
Date Collected: 08/05/16 08:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-71
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	100	50	ug/L			08/09/16 17:10	5
Benzene	2.5	U	5.0	2.5	ug/L			08/09/16 17:10	5
Bromobenzene	2.9	U	5.0	2.9	ug/L			08/09/16 17:10	5
Bromoform	3.2	U	5.0	3.2	ug/L			08/09/16 17:10	5
Bromomethane	13	U	25	13	ug/L			08/09/16 17:10	5
2-Butanone (MEK)	42	U	50	42	ug/L			08/09/16 17:10	5
Carbon disulfide	5.0	U	10	5.0	ug/L			08/09/16 17:10	5
Carbon tetrachloride	2.2	U	5.0	2.2	ug/L			08/09/16 17:10	5
Chlorobenzene	3.2	U	5.0	3.2	ug/L			08/09/16 17:10	5
Chlorobromomethane	2.9	U	5.0	2.9	ug/L			08/09/16 17:10	5
Chlorodibromomethane	1.6	U	5.0	1.6	ug/L			08/09/16 17:10	5
Chloroethane	13	U	25	13	ug/L			08/09/16 17:10	5
Chloroform	4.5	U	5.0	4.5	ug/L			08/09/16 17:10	5
Chloromethane	5.0	U	20	5.0	ug/L			08/09/16 17:10	5
2-Chlorotoluene	3.3	U	5.0	3.3	ug/L			08/09/16 17:10	5
4-Chlorotoluene	2.6	U	5.0	2.6	ug/L			08/09/16 17:10	5
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/L			08/09/16 17:10	5
1,2-Dibromo-3-Chloropropane	13	U	25	13	ug/L			08/09/16 17:10	5
Dibromomethane	2.3	U	5.0	2.3	ug/L			08/09/16 17:10	5
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/L			08/09/16 17:10	5
1,3-Dichlorobenzene	3.2	U	5.0	3.2	ug/L			08/09/16 17:10	5
1,4-Dichlorobenzene	3.0	U	5.0	3.0	ug/L			08/09/16 17:10	5
Dichlorobromomethane	2.2	U	5.0	2.2	ug/L			08/09/16 17:10	5
Dichlorodifluoromethane	13	U	25	13	ug/L			08/09/16 17:10	5
1,1-Dichloroethane	**23**		5.0	2.6	ug/L			08/09/16 17:10	5
1,2-Dichloroethane	2.9	U	5.0	2.9	ug/L			08/09/16 17:10	5
1,1-Dichloroethene	**94**		5.0	3.4	ug/L			08/09/16 17:10	5
1,2-Dichloropropane	2.6	U	5.0	2.6	ug/L			08/09/16 17:10	5
1,3-Dichloropropane	2.1	U	5.0	2.1	ug/L			08/09/16 17:10	5
2,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			08/09/16 17:10	5
1,1-Dichloropropene	3.3	U	5.0	3.3	ug/L			08/09/16 17:10	5
Ethylbenzene	2.2	U	5.0	2.2	ug/L			08/09/16 17:10	5
Ethylene Dibromide	2.5	U	5.0	2.5	ug/L			08/09/16 17:10	5
Hexachlorobutadiene	1.7	U	5.0	1.7	ug/L			08/09/16 17:10	5
2-Hexanone	22	U	50	22	ug/L			08/09/16 17:10	5
Isopropylbenzene	2.6	U	5.0	2.6	ug/L			08/09/16 17:10	5
4-Isopropyltoluene	3.5	U	5.0	3.5	ug/L			08/09/16 17:10	5
Methylene Chloride	25	U	50	25	ug/L			08/09/16 17:10	5
4-Methyl-2-pentanone (MIBK)	20	U	50	20	ug/L			08/09/16 17:10	5
Methyl tert-butyl ether	2.2	U	5.0	2.2	ug/L			08/09/16 17:10	5
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/L			08/09/16 17:10	5
Naphthalene	13	U J3 UJ	25	13	ug/L			08/09/16 17:10	5
n-Butylbenzene	3.4	U	5.0	3.4	ug/L			08/09/16 17:10	5
N-Propylbenzene	3.0	U	5.0	3.0	ug/L			08/09/16 17:10	5
o-Xylene	2.5	U	5.0	2.5	ug/L			08/09/16 17:10	5
sec-Butylbenzene	3.2	U	5.0	3.2	ug/L			08/09/16 17:10	5
Styrene	4.9	U	10	4.9	ug/L			08/09/16 17:10	5
tert-Butylbenzene	4.2	U	5.0	4.2	ug/L			08/09/16 17:10	5
1,1,1,2-Tetrachloroethane	3.2	U	5.0	3.2	ug/L			08/09/16 17:10	5

Client Sample ID: EW4004_INF
Date Collected: 08/04/16 14:29
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-72
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 13:33	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 13:33	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 13:33	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 13:33	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:33	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 13:33	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 13:33	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 13:33	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:33	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 13:33	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 13:33	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:33	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 13:33	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 13:33	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 13:33	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 13:33	1
cis-1,2-Dichloroethene	**0.80**	**I**	1.0	0.65	ug/L			08/09/16 13:33	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 13:33	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 13:33	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 13:33	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 13:33	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 13:33	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 13:33	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 13:33	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:33	1
1,1-Dichloroethane	**2.0**		1.0	0.52	ug/L			08/09/16 13:33	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 13:33	1
1,1-Dichloroethene	**8.9**		1.0	0.67	ug/L			08/09/16 13:33	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 13:33	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 13:33	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 13:33	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 13:33	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 13:33	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 13:33	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 13:33	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 13:33	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 13:33	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 13:33	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 13:33	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 13:33	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 13:33	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 13:33	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 13:33	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 13:33	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 13:33	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 13:33	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:33	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 13:33	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 13:33	1

Client Sample ID: EW4005_INF
Date Collected: 08/05/16 07:18
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-73
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 16:11	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 16:11	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 16:11	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 16:11	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:11	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 16:11	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 16:11	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 16:11	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 16:11	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 16:11	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 16:11	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:11	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 16:11	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 16:11	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 16:11	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 16:11	1
cis-1,2-Dichloroethene	**34**		1.0	0.65	ug/L			08/09/16 16:11	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 16:11	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 16:11	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 16:11	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 16:11	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 16:11	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 16:11	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 16:11	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:11	1
1,1-Dichloroethane	**9.0**		1.0	0.52	ug/L			08/09/16 16:11	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 16:11	1
1,1-Dichloroethene	**17**		1.0	0.67	ug/L			08/09/16 16:11	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 16:11	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 16:11	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 16:11	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 16:11	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 16:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 16:11	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 16:11	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 16:11	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 16:11	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 16:11	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 16:11	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 16:11	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 16:11	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 16:11	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 16:11	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 16:11	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 16:11	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 16:11	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 16:11	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 16:11	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 16:11	1

Client Sample ID: EW4006_INF
Date Collected: 08/04/16 13:36
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-74
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 13:53	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 13:53	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 13:53	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 13:53	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:53	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 13:53	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 13:53	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 13:53	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:53	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 13:53	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 13:53	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:53	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 13:53	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 13:53	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 13:53	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 13:53	1
cis-1,2-Dichloroethene	**3.2**		1.0	0.65	ug/L			08/09/16 13:53	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 13:53	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 13:53	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 13:53	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 13:53	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 13:53	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 13:53	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 13:53	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 13:53	1
1,1-Dichloroethane	**2.5**		1.0	0.52	ug/L			08/09/16 13:53	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 13:53	1
1,1-Dichloroethene	**6.0**		1.0	0.67	ug/L			08/09/16 13:53	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 13:53	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 13:53	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 13:53	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 13:53	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 13:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 13:53	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 13:53	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 13:53	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 13:53	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 13:53	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 13:53	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 13:53	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 13:53	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 13:53	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 13:53	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 13:53	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 13:53	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 13:53	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 13:53	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 13:53	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 13:53	1

Client Sample ID: EW4007_INF
Date Collected: 08/04/16 13:24
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-75
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 14:13	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 14:13	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 14:13	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 14:13	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:13	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 14:13	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 14:13	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 14:13	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 14:13	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 14:13	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 14:13	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:13	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 14:13	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 14:13	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 14:13	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 14:13	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.65	ug/L			08/09/16 14:13	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 14:13	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 14:13	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 14:13	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 14:13	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 14:13	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 14:13	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 14:13	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:13	1
1,1-Dichloroethane	**4.4**		1.0	0.52	ug/L			08/09/16 14:13	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 14:13	1
1,1-Dichloroethene	**4.9**		1.0	0.67	ug/L			08/09/16 14:13	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 14:13	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 14:13	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 14:13	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 14:13	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 14:13	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 14:13	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 14:13	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 14:13	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 14:13	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 14:13	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 14:13	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 14:13	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 14:13	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 14:13	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 14:13	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 14:13	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 14:13	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 14:13	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 14:13	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 14:13	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 14:13	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction □ ells

TestAmerica Job ID: 660-75400-1

Client Sample ID: EW4008_INF
Date Collected: 08/04/16 13:50
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-76
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 14:32	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 14:32	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 14:32	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 14:32	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:32	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 14:32	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 14:32	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 14:32	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 14:32	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 14:32	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 14:32	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:32	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 14:32	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 14:32	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 14:32	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 14:32	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 14:32	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 14:32	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 14:32	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 14:32	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 14:32	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 14:32	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 14:32	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 14:32	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:32	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 14:32	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 14:32	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 14:32	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 14:32	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 14:32	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 14:32	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 14:32	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 14:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 14:32	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 14:32	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 14:32	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 14:32	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 14:32	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 14:32	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 14:32	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 14:32	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 14:32	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 14:32	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 14:32	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 14:32	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 14:32	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 14:32	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 14:32	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 14:32	1

Client Sample ID: EW4009_INF
Date Collected: 08/04/16 08:15
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-77
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 14:52	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 14:52	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 14:52	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 14:52	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:52	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 14:52	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 14:52	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 14:52	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 14:52	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 14:52	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 14:52	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:52	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 14:52	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 14:52	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 14:52	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 14:52	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.65	ug/L			08/09/16 14:52	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 14:52	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 14:52	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 14:52	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 14:52	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 14:52	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 14:52	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 14:52	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 14:52	1
1,1-Dichloroethane	**6.1**		1.0	0.52	ug/L			08/09/16 14:52	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 14:52	1
1,1-Dichloroethene	**3.3**		1.0	0.67	ug/L			08/09/16 14:52	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 14:52	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 14:52	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 14:52	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 14:52	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 14:52	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 14:52	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 14:52	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 14:52	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 14:52	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 14:52	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 14:52	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 14:52	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 14:52	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 14:52	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 14:52	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 14:52	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 14:52	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 14:52	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 14:52	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 14:52	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 14:52	1

Client Sample ID: EW4010_INF
Date Collected: 08/04/16 11:09
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-78
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 15:12	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 15:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 15:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 15:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 15:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 15:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 15:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 15:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 15:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 15:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 15:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 15:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 15:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 15:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 15:12	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 15:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 15:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 15:12	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 15:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 15:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 15:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:12	1
1,1-Dichloroethane	**1.1**		1.0	0.52	ug/L			08/09/16 15:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 15:12	1
1,1-Dichloroethene	**1.0**		1.0	0.67	ug/L			08/09/16 15:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 15:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 15:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 15:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 15:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 15:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 15:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 15:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 15:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 15:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 15:12	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 15:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 15:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 15:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 15:12	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 15:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 15:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 15:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 15:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:12	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 15:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 15:12	1

Client Sample ID: EW4011_INF
Date Collected: 08/04/16 11:14
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-79
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 15:31	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 15:31	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 15:31	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 15:31	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:31	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 15:31	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 15:31	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 15:31	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:31	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 15:31	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 15:31	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:31	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 15:31	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 15:31	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 15:31	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 15:31	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 15:31	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 15:31	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 15:31	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 15:31	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 15:31	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 15:31	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 15:31	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 15:31	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:31	1
1,1-Dichloroethane	**1.6**		1.0	0.52	ug/L			08/09/16 15:31	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 15:31	1
1,1-Dichloroethene	**1.6**		1.0	0.67	ug/L			08/09/16 15:31	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 15:31	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 15:31	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 15:31	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 15:31	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 15:31	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 15:31	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 15:31	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 15:31	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 15:31	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 15:31	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 15:31	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 15:31	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 15:31	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 15:31	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 15:31	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 15:31	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 15:31	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 15:31	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:31	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 15:31	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 15:31	1

Client Sample ID: EW5001_INF
Date Collected: 08/05/16 07:10
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-80
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 15:51	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 15:51	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 15:51	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 15:51	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:51	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 15:51	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 15:51	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 15:51	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:51	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 15:51	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 15:51	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:51	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 15:51	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 15:51	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 15:51	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 15:51	1
cis-1,2-Dichloroethene	**4.8**		1.0	0.65	ug/L			08/09/16 15:51	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 15:51	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 15:51	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 15:51	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 15:51	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 15:51	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 15:51	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 15:51	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 15:51	1
1,1-Dichloroethane	**0.71**	**I**	1.0	0.52	ug/L			08/09/16 15:51	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 15:51	1
1,1-Dichloroethene	**2.1**		1.0	0.67	ug/L			08/09/16 15:51	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 15:51	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 15:51	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 15:51	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 15:51	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 15:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 15:51	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 15:51	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 15:51	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 15:51	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 15:51	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 15:51	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 15:51	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 15:51	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 15:51	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 15:51	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 15:51	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 15:51	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 15:51	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 15:51	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 15:51	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 15:51	1

Client Sample ID: EW5002_INF
Date Collected: 08/04/16 12:50
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-81
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 16:30	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 16:30	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 16:30	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 16:30	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:30	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 16:30	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 16:30	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 16:30	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 16:30	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 16:30	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 16:30	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:30	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 16:30	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 16:30	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 16:30	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 16:30	1
cis-1,2-Dichloroethene	**2.5**		1.0	0.65	ug/L			08/09/16 16:30	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 16:30	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 16:30	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 16:30	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 16:30	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 16:30	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 16:30	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 16:30	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 16:30	1
1,1-Dichloroethane	**2.5**		1.0	0.52	ug/L			08/09/16 16:30	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 16:30	1
1,1-Dichloroethene	**3.4**		1.0	0.67	ug/L			08/09/16 16:30	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 16:30	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 16:30	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 16:30	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 16:30	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 16:30	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 16:30	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 16:30	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 16:30	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 16:30	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 16:30	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 16:30	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 16:30	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 16:30	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 16:30	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 16:30	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 16:30	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 16:30	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 16:30	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 16:30	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 16:30	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 16:30	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Extraction □ ells

TestAmerica Job ID: 660-75400-1

Client Sample ID: Trip Blank 1
Date Collected: 08/04/16 00:00
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-82
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 11:55	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 11:55	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 11:55	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 11:55	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 11:55	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 11:55	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 11:55	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 11:55	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 11:55	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 11:55	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 11:55	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 11:55	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 11:55	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 11:55	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 11:55	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 11:55	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 11:55	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 11:55	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 11:55	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 11:55	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 11:55	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 11:55	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 11:55	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 11:55	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 11:55	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 11:55	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 11:55	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 11:55	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 11:55	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 11:55	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 11:55	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 11:55	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 11:55	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 11:55	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 11:55	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 11:55	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 11:55	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 11:55	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 11:55	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 11:55	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 11:55	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 11:55	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 11:55	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 11:55	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 11:55	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 11:55	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 11:55	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 11:55	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 11:55	1

Client Sample ID: Trip Blank 2
Date Collected: 08/04/16 00:00
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-83
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 12:14	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 12:14	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 12:14	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 12:14	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:14	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 12:14	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 12:14	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 12:14	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 12:14	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 12:14	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 12:14	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:14	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 12:14	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 12:14	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 12:14	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 12:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 12:14	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 12:14	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 12:14	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 12:14	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 12:14	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 12:14	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 12:14	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 12:14	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:14	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 12:14	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 12:14	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 12:14	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 12:14	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 12:14	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 12:14	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 12:14	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 12:14	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 12:14	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 12:14	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 12:14	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 12:14	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 12:14	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 12:14	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 12:14	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 12:14	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 12:14	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 12:14	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 12:14	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 12:14	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 12:14	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 12:14	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 12:14	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 12:14	1

Client Sample ID: Trip Blank 3
Date Collected: 08/04/16 00:00
Date Received: 08/05/16 17:20

Lab Sample ID: 660-75400-84
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/09/16 12:34	1
Benzene	0.50	U	1.0	0.50	ug/L			08/09/16 12:34	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/09/16 12:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/09/16 12:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/09/16 12:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/09/16 12:34	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/09/16 12:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/09/16 12:34	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/09/16 12:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/09/16 12:34	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/09/16 12:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/09/16 12:34	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/09/16 12:34	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/09/16 12:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/09/16 12:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/09/16 12:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/09/16 12:34	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/09/16 12:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/09/16 12:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/09/16 12:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/09/16 12:34	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/09/16 12:34	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/09/16 12:34	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/09/16 12:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/09/16 12:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/09/16 12:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/09/16 12:34	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/09/16 12:34	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/09/16 12:34	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/09/16 12:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/09/16 12:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/09/16 12:34	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/09/16 12:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/09/16 12:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/09/16 12:34	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/09/16 12:34	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/09/16 12:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/09/16 12:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/09/16 12:34	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/09/16 12:34	1
Naphthalene	2.5	U J3 UJ	5.0	2.5	ug/L			08/09/16 12:34	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/09/16 12:34	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/09/16 12:34	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/09/16 12:34	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/09/16 12:34	1
Styrene	0.98	U	2.0	0.98	ug/L			08/09/16 12:34	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/09/16 12:34	1

September 21, 2016

Inorganic
Level II Data Validation Report

UIC Parameters (Persulfate)

Analysis Performed by:
TestAmerica, Tampa, FL
SDG # 660-75739-1

Prepared by Jim Refermat
Project Chemist/Data Validator

Data Validation Report

Project:	Lockheed Martin - Tallevast	
Laboratory:	TestAmerica Laboratories, Tampa Florida	
SDG:	660-75739-1	
Analyses/Method:	Metals by Inductively Coupled Plasma – Atomic Emission Spectrometry (ICP-AES)/SW6010B Anions by Ion Chromatography - EPA Method 300.0 Total Dissolved Solids (TDS) by SM 2540C	
Validation Level:	Level II	
Prepared by:	Jim Refermat/AECOM	Completed on: September 21, 2016
Reviewed by:	Julie Cassetta/AECOM	File Name: DVR_660-75739-1_r0 UIC.doc

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) 660-75739-1. Only the analytical data were reviewed for this validation; field documentation is not included in this review. Included with this assessment are the validation annotated sample results and Chain-of-Custody (COC). The samples listed below were collected by AECOM from the Lockheed Martin Tallevast facility located at 1600 Tallevast Road, Sarasota, Florida 34243, on August 23rd and 24th, 2016 and picked up at the site by TestAmerica Laboratories located in Tampa, Florida.

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
CO-A1D	660-75739-1	Water	08/23/2016		X		
EW-108	660-75739-2	Water	08/23/2016		X	X	X
EW-108 (DUP)	660-75739-3	Water	08/23/2016		X		
EW-108 (MS)	660-75739-3	Water	08/23/2016		X		
EW-108 (MSD)	660-75739-3	Water	08/23/2016		X		
MW-37	660-75739-4	Water	08/23/2016		X		
MW-39	660-75739-5	Water	08/24/2016		X		X
MW-42	660-75739-6	Water	08/23/2016		X		X
MW-43	660-75739-7	Water	08/23/2016		X		
MW-72	660-75739-8	Water	08/23/2016		X		
MW-72 (DUP)	660-75739-9	Water	08/23/2016		X		
MW-72 (MS)	660-75739-9	Water	08/23/2016		X		
MW-72 (MSD)	660-75739-9	Water	08/23/2016		X		
MW-76	660-75739-10	Water	08/23/2016		X	X	
MW-80	660-75739-11	Water	08/23/2016		X	X	X
MW-80 (Dup)	660-75739-12	Water	08/23/2016		X	X	X

MW-80 (MS)	660-75739-12	Water	08/23/2016		X	X	X
MW-80 (MSD)	660-75739-12	Water	08/23/2016		X	X	X
BLANK -39	660-75739-13	Water	08/23/2016		X		
BLANK -40	660-75739-14	Water	08/23/2016		X	X	X
BLANK -41	660-75739-15	Water	08/23/2016		X		

Analytical Data Package Documentation

The table below is an evaluation of data package completeness.

Items Reviewed	Reported	Performance Acceptable	Not Required
1. Chain-of-Custody integrity	yes	yes	
2. Sample preservation and hold times	yes	yes	
3. Sample condition upon receipt checklist	yes	yes	
4. Requested analysis on COC reported	yes	yes	
5. Sample reporting and detection limits	yes	yes	
6. Sample dilution factors	yes	yes	
7. Sample preparation/extraction/analysis dates	yes	yes	
8. Case narrative complete and accurate	yes	yes	
9. Laboratory qualifier definitions provided	yes	yes	
10. Method QA/QC reported as required	yes	yes	
11. Electronic Data Deliverable (EDD) reported	yes	yes	

Analytical Data Overview

The analysis was performed according to United States Environmental Protection Agency (USEPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW846. Specifically, Metals were performed according to SW6010B Atomic Emission Spectrometry (AES), Anion analysis was performed using EPA Method 300.0 Ion Chromatography (IC), and Total Dissolved Solids (TDS) was performed using SW2540C gravimetric. Quality Control (QC) criteria were derived from the compendium of methodologies presented in SW-846. Validation actions were derived primarily from the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (February 1994)*, as they applied to the reported methodology. If additional guidance was required, *USEPA Region 4 Data Validation Standard Operating Procedure for Organic Analysis, Revision 3.1 (August 2008)* document was used, along with AECOM professional judgment.

The data review process is an evaluation of data on a technical basis rather than an assessment of contract compliance. As such, the standards against which the data are being evaluated may differ from those specified in the analytical method. It is assumed the analytical data package represents the best efforts of the laboratory and has been subjected to three tiers of quality review prior to release from the laboratory.

During the review process, laboratory qualified and unqualified data are verified and validated against supporting documentation. Based on the data evaluation, qualifier codes may be added, deleted, or modified by the validation chemist. Results are qualified with the following codes based on the USEPA National Functional Guidelines (NFGs):

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound was detected in the sample and its associated blank; its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration.

  UJ The compound was not detected above the reported sample quantitation limit; however, the reported concentration is approximate and may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Metals by EPA Method SW6010B Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

✓ Data completeness COC/sample integrity
✓ Holding times and sample preservation
✓ Laboratory blanks/equipment blanks
✗ MS/MSD results
✓ Laboratory duplicate results
✓ LCS/LCSD results
✓ Field duplicates
✓ Sample results/reporting issues

The symbol (✓) indicates that no results were qualified based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action was required.

Laboratory Blanks/Equipment Blanks

Laboratory Method Blanks (MBs) and Equipment Blanks (EBs) are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample digestion and analysis process. The associated blanks were evaluated at the Method Detection Limit (MDL) for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. MB and EB results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation report if the associated results were non-detect or if qualification of sample results was not required. No target analytes were detected in the MBs or EBs for this analytical fraction.

MS/MSD Results

MS/MSDs ware used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for percent recovery (%R) of each spiked analyte and for the relative percent difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The recovery for Aluminm from preparation batch 173222 exceed criteria bias low. As a result, the parent sample was qualified "J", an estimated value for the reported analyte.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
MW-72	660-75739-8	Aluminum	J	Bias Low

LCS/LCSD Results

Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. A LCS was provided for each SW6010B analytical fraction preparation batch. All QC acceptance criteria were met, and no further action was required.

Laboratory Duplicate Results

Laboratory duplicates are used to access the precision of the laboratory digestion and analysis process. Laboratory duplicates are a sub-sample of the "normal" parent sample. They are then brought through the analytical digestion and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Laboratory duplicate RPDs are reviewed for conformance with the QC criteria of <25% for aqueous matrices. MS/MSDs were run with the SW6010B analytical fraction in lieu of a laboratory duplicate. No further action was required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. All field duplicates met acceptance criteria, with the exception of Aluminum in sample MW-72 and MW-72

(DUP), exceeded the field precision criteria (70.9%). The parent sample was qualified “J” an estimated quantitation, no further action was required.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
MW-72	660-75739-8	Aluminum	J	Bias Low

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations less than the MDL but greater than the RL were qualified by the laboratory as estimated (“I”). This "I" qualifier was retained during data validation. Any sample that was analyzed at a dilution due to high concentrations of targets or non-targets was checked to ensure that the results and/or sample-specific MDLs were adjusted accordingly by the laboratory.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, no QC excursions were encountered that resulted in the rejection of the analytical data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use as qualified.

General Wet Chemistry by EPA Method 300.0 and SM 2540C Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

✓ Data completeness COC/sample integrity
✓ Holding times and sample preservation
✓ Laboratory blanks/equipment blanks
✓ MS results, EPA Method 300.0 only
✓ Laboratory duplicate results
✓ LCS/LCSD results
✓ Field duplicates
✓ Sample results/reporting issues

The symbol (✓) indicates that no results were qualified based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met.

Laboratory Blanks/Equipment Blanks

Laboratory MBs and EBs are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample preparation and analysis process. The associated blanks were evaluated at the MDL for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. The MB and EB results were reviewed for conformance with the QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation report if the associated results were non-detect or if qualification of sample results was not required. No target analytes were detected in any of the blanks associated with this sample delivery group. No further action is required.

MS/MSD Results

MS/MSDs ware used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the Relative Percent Difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. The MS/MSD associated with analytical preparation batch 448031 and 448164 for the E300.0 analytical fraction met acceptance criteria, and no further action is required.

An MS/MSD is not performed on the SM2540C analytical fraction, no further action is required.

LCS/LCSD Results

LCS/LCSDs are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix free media. For aqueous samples, laboratory-grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the E300.0 and an LCS for the SM2540C analytical fractions. All QC acceptance criteria were met, and no further action was required.

Laboratory Duplicate Results

Laboratory duplicates are used to access the precision of the laboratory sample preparation and analysis process. Laboratory duplicates are a sub-sample of the "normal" parent sample. They are then brought through the analytical digestion and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Laboratory duplicate RPDs were reviewed for conformance with the QC criteria of <25% for aqueous matrices. A laboratory duplicate was reported with the SM2540C analytical fraction for analytical batch 173227 and is in-control; no further action is required. Laboratory duplicates were reported with the E300.0 analytical fraction for analytical batches 448013 and 448164 and are in-control; no further action is required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL. Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. Field duplicates EW-108 (DUP), MW-72 (DUP) and MW-80 (DUP) met acceptance criteria, and no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations less than the MDL but greater than the RL were qualified by the laboratory as estimated ("I"). This "I" qualifier was retained during data validation.

Any sample that was analyzed at a dilution due to high concentrations of target or non-targets was checked to ensure that the results and/or sample specific MDLs were adjusted accordingly by the laboratory. No further action was required.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, no QC excursions were encountered that resulted in the rejection of data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use.

Client Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast UIC Parameters (Persulfate)

TestAmerica Job ID: 660-75739-1

Client Sample ID: MW-72
Date Collected: 08/23/16 13:32
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75739-8
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2100	J3	200	50	ug/L		08/25/16 12:45	08/26/16 12:30	1

September 21, 2016

Organic
Level II Data Validation Report

Monitoring Well Sampling

Analysis Performed by:
TestAmerica, Tampa, FL
SDG #660-75488-1

Prepared by Jim Refermat
Project Chemist/Data Validator

Data Validation Report

Project:	Lockheed Martin - Tallevast	
Laboratory:	TestAmerica Laboratories, Tampa Florida	
SDG:	660-75488-1	
Analyses/Method:	• Volatile Organic Compounds (VOCs) by Gas Chromatography/Mass Spectrometry (GC/MS)/SW8260B and SW8260C SIM	
Validation Level:	Level II	
Prepared by:	Jim Refermat/AECOM	Completed on: September 21, 2016
Reviewed by:	Julie Cassetta/AECOM	File Name: DVR_660-75488-1_r1 MWs.doc

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) 660-75488-1. SDG 660-75448 contains the following sub SDGs reported under a single cover: 660-75524, 660-75655, 660-75655 660-75664, 660-75747, 660-75781 and 660-75814. Only the analytical data were reviewed for this validation, field documentation is not included in this review. Included with this assessment are the validation annotated sample results and Chain-of-Custody (COC). The samples listed below were collected by AECOM from the Lockheed Martin Tallevast facility located at 1600 Tallevast Road, Sarasota, Florida 34243, on August 9th through August 30th, 2016. The referenced samples were picked up at the site by TestAmerica Laboratories located in Tampa, Florida.

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
7851 15TH ST E #2	660-75488-1	GW	8/9/2016	X			
MW-31	660-75488-2	GW	8/9/2016	X			
MW-59	660-75488-3	GW	8/9/2016	X			
MW-68	660-75488-4	GW	8/9/2016	X			
MW-74	660-75488-5	GW	8/9/2016	X			
MW-82	660-75488-6	GW	8/9/2016	X			
MW-117	660-75488-7	GW	8/9/2016	X			
MW-118	660-75488-8	GW	8/9/2016	X			
MW-119	660-75488-9	GW	8/9/2016	X			
MW-120	660-75488-10	GW	8/9/2016	X			
TRIP BLANK 75488	660-75488-11	WO	8/9/2016	X			
MW-22	660-75524-1	GW	8/11/2016	X			
MW-23	660-75524-2	GW	8/11/2016	X			

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
MW-25	660-75524-3	GW	8/11/2016	X			
MW-27	660-75524-4	GW	8/10/2016	X			
MW-34	660-75524-5	GW	8/10/2016	X			
MW-35	660-75524-6	GW	8/11/2016	X			
MW-54	660-75524-7	GW	8/10/2016	X			
MW-73	660-75524-8	GW	8/10/2016	X			
MW-75	660-75524-9	GW	8/11/2016	X			
MW-83	660-75524-10	GW	8/11/2016	X			
MW-85	660-75524-11	GW	8/11/2016	X			
MW-87	660-75524-12	GW	8/11/2016	X			
MW-94	660-75524-13	GW	8/11/2016	X			
MW-95	660-75524-14	GW	8/11/2016	X			
MW-98	660-75524-15	GW	8/10/2016	X			
MW-100	660-75524-16	GW	8/10/2016	X			
MW-104	660-75524-17	GW	8/10/2016	X			
MW-105	660-75524-18	GW	8/10/2016	X			
MW-107	660-75524-19	GW	8/11/2016	X			
MW-114	660-75524-20	GW	8/11/2016	X			
MW-115	660-75524-21	GW	8/12/2016	X			
MW-151	660-75524-22	GW	8/10/2016	X			
MW-152	660-75524-23	GW	8/10/2016	X			
MW-155	660-75524-24	GW	8/10/2016	X			
MW-155 (DUP)	660-75524-25	GW	8/10/2016	X			
MW-156	660-75524-26	GW	8/10/2016	X			
MW-158	660-75524-27	GW	8/10/2016	X			
MW-160	660-75524-28	GW	8/10/2016	X			
MW-175	660-75524-29	GW	8/12/2016	X			
MW-176	660-75524-30	GW	8/12/2016	X			
MW-200	660-75524-31	GW	8/12/2016	X			
MW-230	660-75524-32	GW	8/12/2016	X			
MW-231	660-75524-33	GW	8/12/2016	X			
MW-248	660-75524-34	GW	8/10/2016	X			
BLANK -35 75524	660-75524-35	WO	8/10/2016	X			
Trip Blank 75524	660-75524-36	WO	8/10/2016	X			
2400 TALLEVAST RD	660-75655-1	GW	8/15/2016	X			

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
7561/7571 15TH ST E	660-75655-2	GW	8/15/2016	X			
MW-15D	660-75655-3	GW	8/16/2016	X			
MW-16D	660-75655-4	GW	8/16/2016	X			
MW-26	660-75655-5	GW	8/15/2016	X			
MW-28	660-75655-6	GW	8/16/2016	X			
MW-29	660-75655-7	GW	8/16/2016	X			
MW-50	660-75655-8	GW	8/16/2016	X			
MW-52	660-75655-9	GW	8/16/2016	X			
MW-53	660-75655-10	GW	8/16/2016	X			
MW-64	660-75655-11	GW	8/16/2016	X			
MW-77	660-75655-12	GW	8/16/2016	X			
MW-93	660-75655-13	GW	8/16/2016	X			
MW-111	660-75655-14	GW	8/16/2016	X			
MW-113	660-75655-15	GW	8/16/2016	X			
MW-135	660-75655-16	GW	8/16/2016	X			
MW-141	660-75655-17	GW	8/15/2016	X			
MW-143	660-75655-18	GW	8/15/2016	X			
MW-146	660-75655-19	GW	8/15/2016	X			
MW-148	660-75655-20	GW	8/15/2016	X			
MW-185R	660-75655-21	GW	8/15/2016	X			
MW-215	660-75655-22	GW	8/15/2016	X			
MW-249	660-75655-23	GW	8/15/2016	X			
MW-250	660-75655-24	GW	8/15/2016	X			
MW-255	660-75655-25	GW	8/15/2016	X			
Trip Blank 75655	660-75655-26	WO	8/15/2016	X			
MW-17D	660-75664-1	GW	8/17/2016	X			
MW-24	660-75664-2	GW	8/18/2016	X			
MW-47	660-75664-3	GW	8/18/2016	X			
MW-48	660-75664-4	GW	8/18/2016	X			
MW-48 (DUP)	660-75664-5	GW	8/18/2016	X			
MW-49	660-75664-6	GW	8/17/2016	X			
MW-55	660-75664-7	GW	8/18/2016	X			
MW-63	660-75664-8	GW	8/17/2016	X			
MW-65	660-75664-9	GW	8/17/2016	X			
MW-65 (DUP)	660-75664-10	GW	8/17/2016	X			

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
MW-69	660-75664-11	GW	8/17/2016	X			
MW-79	660-75664-12	GW	8/17/2016	X			
MW-89	660-75664-13	GW	8/17/2016	X			
MW-90	660-75664-14	GW	8/17/2016	X			
MW-91	660-75664-15	GW	8/17/2016	X			
MW-92	660-75664-16	GW	8/17/2016	X			
MW-101	660-75664-17	GW	8/18/2016	X			
MW-102	660-75664-18	GW	8/17/2016	X			
MW-102 (DUP)	660-75664-19	GW	8/17/2016	X			
MW-103	660-75664-20	GW	8/17/2016	X			
MW-106	660-75664-21	GW	8/18/2016	X			
MW-108	660-75664-22	GW	8/18/2016	X			
MW-109	660-75664-23	GW	8/18/2016	X			
MW-116	660-75664-24	GW	8/18/2016	X			
MW-124	660-75664-25	GW	8/19/2016	X			
MW-126	660-75664-26	GW	8/17/2016	X			
MW-131	660-75664-27	GW	8/17/2016	X			
MW-132	660-75664-28	GW	8/17/2016	X			
MW-133	660-75664-29	GW	8/17/2016	X			
MW-168	660-75664-30	GW	8/18/2016	X			
MW-169	660-75664-31	GW	8/19/2016	X			
MW-178	660-75664-32	GW	8/18/2016	X			
MW-219	660-75664-33	GW	8/18/2016	X			
MW-220	660-75664-34	GW	8/18/2016	X			
MW-221	660-75664-35	GW	8/18/2016	X			
MW-232	660-75664-36	GW	8/18/2016	X			
MW-239	660-75664-37	GW	8/17/2016	X			
MW-242	660-75664-38	GW	8/19/2016	X			
MW-243	660-75664-39	GW	8/19/2016	X			
BLANK -36	660-75664-40	WO	8/17/2016	X			
BLANK -37	660-75664-41	WO	8/17/2016	X			
BLANK -38	660-75664-42	WO	8/18/2016	X			
TRIP BLANK 75664	660-75664-43	WO	8/17/2016	X			
IWI-1	660-75747-1	GW	8/23/2016	X			
IWI-2	660-75747-2	GW	8/23/2016	X			

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
MW-13D	660-75747-3	GW	8/22/2016	X			
MW-21	660-75747-4	GW	8/22/2016	X			
MW-37	660-75747-5	GW	8/23/2016	X			
MW-39	660-75747-6	GW	8/24/2016	X			
MW-42	660-75747-7	GW	8/23/2016	X			
MW-43	660-75747-8	GW	8/23/2016	X			
MW-44	660-75747-9	GW	8/22/2016	X			
MW-45	660-75747-10	GW	8/22/2016	X			
MW-62	660-75747-11	GW	8/22/2016	X			
MW-72	660-75747-12	GW	8/23/2016	X			
MW-72 (DUP)	660-75747-13	GW	8/23/2016	X			
MW-76	660-75747-14	GW	8/23/2016	X			
MW-80	660-75747-15	GW	8/23/2016	X			
MW-80 (DUP)	660-75747-16	GW	8/23/2016	X			
MW-84	660-75747-17	GW	8/24/2016	X			
MW-162	660-75747-18	GW	8/22/2016	X			
MW-164	660-75747-19	GW	8/22/2016	X			
MW-233	660-75747-20	GW	8/22/2016	X			
MW-253	660-75747-21	GW	8/23/2016	X			
BLANK -39	660-75747-22	WO	8/23/2016	X			
BLANK -40	660-75747-23	WO	8/23/2016	X			
Trip Blank 75747	660-75747-24	WO	8/22/2016	X			
EW-UAFG-1	660-75781-1	GW	8/25/2016	X			
MW-8D	660-75781-2	GW	8/25/2016	X			
MW-9D	660-75781-3	GW	8/24/2016	X			
MW-30	660-75781-4	GW	8/24/2016	X			
MW-33	660-75781-5	GW	8/24/2016	X			
MW-41	660-75781-6	GW	8/25/2016	X			
MW-57	660-75781-7	GW	8/26/2016	X			
MW-58	660-75781-8	GW	8/25/2016	X			
MW-67	660-75781-9	GW	8/24/2016	X			
MW-70	660-75781-10	GW	8/26/2016	X			
MW-71	660-75781-11	GW	8/25/2016	X			
MW-78	660-75781-12	GW	8/24/2016	X			
MW-81	660-75781-13	GW	8/24/2016	X			

Sample ID	Lab ID	Matrix	Sample Collection Date	VOCs	Metals	Anions	Wet Chemistry
MW-86R	660-75781-14	GW	8/24/2016	X			
MW-110R	660-75781-15	GW	8/24/2016	X			
MW-127	660-75781-16	GW	8/26/2016	X			
MW-128	660-75781-17	GW	8/25/2016	X			
MW-128 (DUP)	660-75781-18	GW	8/25/2016	X			
MW-129	660-75781-19	GW	8/25/2016	X			
MW-130	660-75781-20	GW	8/26/2016	X			
MW-134	660-75781-21	GW	8/24/2016	X			
MW-134 (DUP)	660-75781-22	GW	8/24/2016	X			
MW-252	660-75781-23	GW	8/25/2016	X			
PZ-LSAS-1	660-75781-24	GW	8/25/2016	X			
PZ-LSAS-2	660-75781-25	GW	8/25/2016	X			
PZ-LSAS-4	660-75781-26	GW	8/25/2016	X			
PZ-LSAS-5	660-75781-27	GW	8/25/2016	X			
PZ-LSAS-6	660-75781-28	GW	8/25/2016	X			
PZ-LSAS-7	660-75781-29	GW	8/25/2016	X			
BLANK-42	660-75781-30	WO	8/24/2016	X			
BLANK-43	660-75781-31	WO	8/25/2016	X			
Trip Blank	660-75781-32	WO	8/24/2016	X			
MW-11R	660-75814-1	GW	8/29/2016	X			
MW-19	660-75814-2	GW	8/29/2016	X			
MW-32	660-75814-3	GW	8/29/2016	X			
MW-36	660-75814-4	GW	8/30/2016	X			
MW-38	660-75814-5	GW	8/30/2016	X			
MW-40	660-75814-6	GW	8/30/2016	X			
MW-254	660-75814-7	GW	8/29/2016	X			

Analytical Data Package Documentation

The table below is an evaluation of data package completeness.

Items Reviewed	Reported	Performance Acceptable	Not Required
1. Chain-of-Custody integrity	yes	yes	
2. Sample preservation and hold times	yes	yes	
3. Sample condition upon receipt checklist	yes	yes	
4. Requested analysis on COC reported	yes	yes	
5. Sample reporting and detection limits	yes	yes	
6. Sample dilution factors	yes	yes	
7. Sample preparation/extraction/analysis dates	yes	yes	
8. Case narrative complete and accurate	yes	yes	
9. Laboratory qualifier definitions provided	yes	yes	
10. Method QA/QC reported as required	yes	yes	
11. Electronic Data Deliverable (EDD) reported	yes	yes	

Analytical Data Overview

The analysis of Volatile Organic Compounds (VOCs) was performed according to United States Environmental Protection Agency (USEPA) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW846, specifically SW8260B Total Ion Monitoring (TIM) and SW8260C SIM Selected Ion Monitoring (SIM). Quality Control (QC) criteria were derived from the compendium of methodologies presented in SW-846. Validation actions were derived primarily from the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (October 1999*), as they applied to the reported methodology. If additional guidance was required, *USEPA Region 4 Data Validation Standard Operating Procedure for Organic Analysis, Revision 3.1 (August 2008)* document was used, along with AECOM professional judgment.

The data review process is an evaluation of data on a technical basis rather than an assessment of contract compliance. As such, the standards against which the data are being evaluated may differ from those specified in the analytical method. It is assumed the analytical data package represents the best efforts of the laboratory and has been subjected to three tiers of quality review prior to release from the laboratory.

During the review process, laboratory qualified and unqualified data are verified and validated against supporting documentation. Based on the data evaluation, qualifier codes may be added, deleted, or modified by the validation chemist. Results are qualified with the following codes based on the USEPA National Functional Guidelines (NFGs):

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound was detected in the sample and its associated blank; its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration.

  UJ The compound was not detected above the reported sample quantitation limit; however, the reported concentration is approximate and may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

VOCs by EPA Method SW8260B and SW8260C SIM Analytical Data Review Elements

The data were evaluated based on the following parameters (where applicable to the method):

✓	Data completeness COC/sample integrity
✓	Holding times and sample preservation
✓	Laboratory blanks/trip blanks/equipment blanks
✓	Surrogate spike recoveries
✗	Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) results
✗	Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) results
✓	Field duplicates
✓	Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below. In addition, non-conformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

DATA VALIDATION REVIEW

Data Completeness

The data package was reviewed and found to meet acceptance criteria for completeness. The following items were checked:

- The COCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the COC requests.

Holding Times/Sample Preservation

Sample preservation and preparation/analysis holding times were reviewed for conformance with the QC acceptance criteria. The QC acceptance criteria were met, and no further action was required.

Laboratory Blanks/Equipment Blanks/Trip Blanks

Laboratory Method Blanks (MBs) Equipment Blanks (EBs) and Trip Blanks (TBs) are prepared and processed in the same manner as “normal” field samples to identify any contamination that may have been introduced during the sample preparation, collection, transportation and analysis process. The associated MBs, EBs and TBs were evaluated at the Method Detection Limit (MDL) for all analytes of interest.

Data validation qualifications for individual samples are based on the maximum contaminant concentration detected in all associated blanks. Blank results were reviewed for conformance with the

QC acceptance criteria. Target analytes detected in blanks are not discussed in this data validation report if the associated results were non-detect or if qualification of sample results was not required.

Chlorodibromomethane, Dichlorobromomethane and Chloroform were detected in sample BLANK-35, Dichlorobromomethane and Chloroform in BLANK-36 and Dichlorobromomethane and Chloroform in BLANK-37, however all associated samples were non-detect for the referenced analytes, and as a result, no further action is required. No analytes were detected in any of the other associated method, equipment or trip blanks. Since none of the site samples were impacted by the blank excursions, no qualification of data was required.

Surrogate Spike Recoveries

Surrogates are structurally similar to analytes of interest; however, they are not found in the environment. All samples undergoing analysis for organic compounds are spiked with surrogate compounds prior to sample preparation and analysis. Surrogate Percent Recoveries (%R) are used to evaluate the performance of the analytical process and were reviewed for conformance with the QC acceptance criteria. The acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

No qualification of the data was required based on surrogate recoveries. All QC acceptance criteria were met, and no further action is required.

MS/MSD Results

Matrix Spike/Matrix Spike Duplicates (MS/MSDs) are used to evaluate the performance of the analytical process as it relates to the matrix of the media sampled. Field samples are spiked with known amounts of targeted analytes, processed, analyzed, and then evaluated for %R of each spiked analyte and for the Relative Percent Difference (RPD) between the recoveries for each analyte. The QC acceptance criteria are in-house, laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

Note: MS recovery control limits do not apply in instances where the "normal" parent samples concentration is greater than four times the MS spike concentration.

The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. The MS or MS/MSD for following analytical preparation batches were evaluated for the SW8260C SIM analytical fraction and are in-control: 172857, 173151, 173197, 173258, 173314, 173371, 173422 and 173468. No further action is required for the aforementioned preparation batches. The MS/MSD for following analytical preparation batches were evaluated for the SW8260B analytical fraction and are in-control: 172907 and 172942. No further action is required.

The following analytical preparation batches associated with the SW8260C SIM analytical fraction used "normal" parent samples that were not from the Tallevast site for spiking the MS or the MS/MSD: 172739, 172814 and 172897. Because the samples are not site related, the MS or MS/MSD was not evaluated. Similarly, the following analytical preparation batches associated with the SW8260B analytical fraction used "normal" parent samples that were not from the Tallevast site for spiking the MS or the MS/MSD: 173248, 173465 and 173554 Because the samples are not site related, the MS or MS/MSD was not evaluated.

The MS or MS/MSD for the following preparation batches exceeded criteria bias high for one or more analytes: 173251, 173308, 173367, 173417, 173466 and 173518, however because the excursions were bias high, no further action is required.

The recovery for Acetone, 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone and Trichlorofluoromethane from preparation batch 172941 exceed criteria bias low and the RDP criteria for Chloromethane. As a result, the parent sample was qualified "UJ" for non-detects and "J" for detections.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
MW-155	660-75524-24	Acetone	UJ	Bias Low
MW-155	660-75524-24	2-Butanone	UJ	Bias Low
MW-155	660-75524-24	2-Hexanone	UJ	Bias Low
MW-155	660-75524-24	4-Methyl-2-pentanone	UJ	Bias Low
MW-155	660-75524-24	Trichlorofluoromethane	UJ	Bias Low
MW-155	660-75524-24	Chloromethane	UJ	Bias Low

The recovery for 1,2,3-Trichloropropane from preparation batch 173446 exceed criteria bias low. As a result, the parent sample was qualified "UJ", a non-detect estimated value for the reported analyte.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
MW-253	660-75747-21	1,2,3-Trichloropropane	UJ	Bias Low

The recovery for 1,4-Dioxane from preparation batch 173468 exceed criteria bias low. As a result, the parent sample was qualified "J", an estimated value for the reported analyte.

Sample ID	Laboratory Sample ID	Analyte	Validation Qualifier	Usability
MW-134	660-75781-21	1,4-Dioxane	J	Bias Low

LCS/LCSD Results

Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) are used to evaluate the analytical process as it relates to the recovery of targeted analytes in a matrix-free media. For aqueous samples, laboratory grade Type II Deionized Water (DI) is used as the spike media. DI water samples are spiked with known amounts of targeted analytes, extracted, analyzed, and then evaluated for both the %R of each spiked analyte and the RPD between the recoveries. The QC acceptance criteria are in-house laboratory-derived limits based on actual laboratory practice as prescribed by the analytical method.

The LCS/LCSD %Rs and/or RPDs were reviewed for conformance with the QC acceptance criteria. An LCS/LCSD was provided for the SW8260B and SW8260C SIM analytical fractions. All QC acceptance criteria were met with the following exceptions:

The LCSD associated with preparation batch 173251 exceeded criteria bias high for Methylene Chloride bias high, because the referenced analyte was non-detect, no further action is required.

The LCS associated with preparation batch 173308 exceeded criteria bias high for Chloroethane bias high, because the referenced analyte was non-detect, no further action is required.

The LCS and LCSD associated with preparation batch 173417 exceeded criteria bias high for 1,1,2-Trichloroethane bias high, because the referenced analyte was non-detect, no further action is required.

Field Duplicate Results

Field duplicates are used to access the precision of the sample collection process and laboratory analytical precision. Field duplicates are duplicate field samples collected in the same manner as the "normal" parent sample. They are then brought through the analytical preparation and analysis process in the same manner as the "normal" parent sample and evaluated for RPD between detected analytes greater than four times the RL.

Field duplicate RPDs are reviewed for conformance with the QC criteria of <30% for aqueous matrices. The field duplicates for samples MW-155, MW-48, MW-65, MW-102, MW-72, MW-80, MW-128, and MW-134 met the acceptance criteria, and no further action was required.

Sample Results/Reporting Issues

Non-detected results were reported at the MDL. All compounds detected at concentrations greater than the MDL but less than the RL were qualified by the laboratory as estimated ("I"). This "I" qualifier was retained during data validation.

Any sample that was analyzed at a dilution due to high concentrations of target or non-targets was checked to ensure that the results and/or sample specific MDLs were adjusted accordingly by the laboratory. The following samples from the 8260B analytical fraction required dilution due to analyte concentrations in the parent sample above the linear range of calibration: IWI-1, EW-UAFG-1, PZ-LSAS-2 and PZ-LSAS-4. Several samples from the SW8260C SIM analytical fraction required dilution due to analyte concentrations in the parent sample above the linear range of calibration; however the affected samples were all reported with elevated 1,4-dioxane concentrations, and as a result, no further action is required.

QUALIFICATION ACTIONS

Based on a Level II evaluation of this analytical fraction, no QC excursions were encountered that resulted is the rejection of data. As a result, all data reported and evaluated for this analytical fraction are considered compliant and adequate for their intended use as qualified.

Client Sample ID: MW-155
Date Collected: 08/10/16 12:31
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	~~U J3~~ UJ	20	9.9	ug/L			08/18/16 13:29	1
Benzene	0.50	U	1.0	0.50	ug/L			08/18/16 13:29	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 13:29	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/18/16 13:29	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:29	1
2-Butanone (MEK)	8.4	~~U J3~~ UJ	10	8.4	ug/L			08/18/16 13:29	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/18/16 13:29	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/18/16 13:29	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/18/16 13:29	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/18/16 13:29	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/18/16 13:29	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:29	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/18/16 13:29	1
Chloromethane	1.0	~~U J3~~ UJ	4.0	1.0	ug/L			08/18/16 13:29	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/18/16 13:29	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/18/16 13:29	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/18/16 13:29	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/18/16 13:29	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/18/16 13:29	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/18/16 13:29	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/18/16 13:29	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/18/16 13:29	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/18/16 13:29	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/18/16 13:29	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/18/16 13:29	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/18/16 13:29	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/18/16 13:29	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 13:29	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/18/16 13:29	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/18/16 13:29	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/18/16 13:29	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/18/16 13:29	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/18/16 13:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/18/16 13:29	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/18/16 13:29	1
2-Hexanone	4.4	~~U J3~~ UJ	10	4.4	ug/L			08/18/16 13:29	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/18/16 13:29	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/18/16 13:29	1
Methylene Chloride	5.0	U	10	5.0	ug/L			08/18/16 13:29	1
4-Methyl-2-pentanone (MIBK)	4.0	~~U J3~~ UJ	10	4.0	ug/L			08/18/16 13:29	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/18/16 13:29	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/18/16 13:29	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/18/16 13:29	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/18/16 13:29	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/18/16 13:29	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/18/16 13:29	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/18/16 13:29	1
Styrene	0.98	U	2.0	0.98	ug/L			08/18/16 13:29	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/18/16 13:29	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Monitoring Wells

TestAmerica Job ID: 660-75488-1

Client Sample ID: MW-155
Date Collected: 08/10/16 12:31
Date Received: 08/12/16 15:00

Lab Sample ID: 660-75524-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/18/16 13:29	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/18/16 13:29	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/18/16 13:29	1
Toluene	0.51	U	1.0	0.51	ug/L			08/18/16 13:29	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/18/16 13:29	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/18/16 13:29	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/18/16 13:29	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/18/16 13:29	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 13:29	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/18/16 13:29	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/18/16 13:29	1
Trichlorofluoromethane	2.5	~~U J3~~ UJ	5.0	2.5	ug/L			08/18/16 13:29	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/18/16 13:29	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/18/16 13:29	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/18/16 13:29	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/18/16 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/18/16 13:29*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/18/16 13:29*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/18/16 13:29*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/16/16 13:16	1

Client Sample ID: MW-253
Date Collected: 08/23/16 10:00
Date Received: 08/24/16 15:00

Lab Sample ID: 660-75747-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/01/16 14:28	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/01/16 14:28	1
Toluene	0.51	U	1.0	0.51	ug/L			09/01/16 14:28	1
trans-1,2-Dichloroethene	**2.1**		1.0	0.67	ug/L			09/01/16 14:28	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/01/16 14:28	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/01/16 14:28	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/01/16 14:28	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 14:28	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/01/16 14:28	1
Trichloroethene	**20**		1.0	0.61	ug/L			09/01/16 14:28	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/01/16 14:28	1
1,2,3-Trichloropropane	0.44	~~U J3~~ UJ	1.0	0.44	ug/L			09/01/16 14:28	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/01/16 14:28	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/01/16 14:28	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/01/16 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*09/01/16 14:28*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*09/01/16 14:28*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*09/01/16 14:28*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**540**		10	6.5	ug/L			09/05/16 13:02	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*09/05/16 13:02*	*10*
Dibromofluoromethane	*109*		*70 - 130*		*09/05/16 13:02*	*10*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/05/16 13:02*	*10*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**72**		2.0	1.0	ug/L			08/31/16 15:45	1

Client Sample ID: MW-134 (DUP)
Date Collected: 08/24/16 10:59
Date Received: 08/26/16 15:30

Lab Sample ID: 660-75781-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			09/02/16 12:43	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			09/02/16 12:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/02/16 12:43	1
Toluene	0.51	U	1.0	0.51	ug/L			09/02/16 12:43	1
trans-1,2-Dichloroethene	**1.3**		1.0	0.67	ug/L			09/02/16 12:43	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			09/02/16 12:43	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			09/02/16 12:43	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			09/02/16 12:43	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 12:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			09/02/16 12:43	1
Trichloroethene	**9.7**		1.0	0.61	ug/L			09/02/16 12:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			09/02/16 12:43	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			09/02/16 12:43	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			09/02/16 12:43	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			09/02/16 12:43	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			09/02/16 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*09/02/16 12:43*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*09/02/16 12:43*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/02/16 12:43*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**71**	J	2.0	1.0	ug/L			09/01/16 17:35	1

APPENDIX I – SWFWMD WATER USE PERMIT NO. 20 020198.000

Southwest Florida Water Management District
2379 Broad Street, Brooksville, Florida 34604-6899
(352) 796-7211 or 1-800-423-1476 (FL only)
SUNCOM 628-4150 TDD only 1-800-231-6103 (FL only)
On the Internet at: WaterMatters.org

An Equal Opportunity Employer

Bartow Service Office
170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)

Sarasota Service Office
6750 Fruitville Road
Sarasota, Florida 34240-9711
(941) 377-3722 or
1-800-320-3503 (FL only)

Tampa Service Office
7601 Highway 301 North
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)

November 18, 2011

Lockheed Martin Corporation
1600 Tallevast Road
Sarasota, FL 34243

Subject: **Final Agency Action Transmittal Letter**
General Water Use Permit
Permit No.: 20 020198.000
Project Name: Lockheed Martin Corporation - Tallevast
County: Manatee

Dear Permittee(s):

Your Water Use Permit has been approved. Final approval is contingent upon no objection to the District's action being received by the District within the time frames described in the enclosed Notice of Rights.

The information received by the District will be kept on file to support the District's determination regarding your application. This information is available for viewing or downloading through the District's Application and Permit Search Tools located at www.WaterMatters.org/permits.

The Districts action in this matter only becomes closed to future legal challenges from members of the public if such persons have been properly notified of the District's action and no person objects to the District's action within the prescribed period of time following the notification. The District does not publish notices of agency action. If you wish to limit the time within which a person who does not receive actual written notice from the District may request an administrative hearing regarding this action, you are strongly encouraged to publish, at your own expense, a notice of agency action in the legal advertisement section of a newspaper of general circulation in the county or counties where the activity will occur. Publishing notice of agency action will close the window for filing a petition for hearing. Legal requirements and instructions for publishing notice of agency action, as well as a noticing form that can be used is available from the District's website at www.WaterMatters.org/permits/noticing. If you publish notice of agency action, a copy of the affidavit of publishing provided by the newspaper should be sent to the District Regulation Department that reviewed your permit or other agency action, for retention in the File of Record for this agency action.

Please be advised that the Governing Board has formulated a water shortage plan referenced in a Standard Water Use Permit Condition (Exhibit A) of your permit, and will implement such a plan during periods of water shortage. You will be notified during a declared water shortage of any change in the conditions of your Permit or any suspension of your Permit, or of any restriction on your use of water for the duration of any declared water shortage. Please further note that water conservation is a condition of your Permit and should be practiced at all times.

The ID tags for your withdrawals shall be installed by a District representative. This representative will attempt to contact you within 30 days to discuss placement of your tags. If you have any questions or concerns regarding your tags, please contact Cheryl Johnson at extension 6518, in the Sarasota Regulation Department. If you have any questions or concerns regarding your permit or any other information, please contact the Sarasota Regulation Department and ask to speak to someone in the Water Use Regulation Section.

Sincerely,

Claire E. Muirhead, P.G.
Sarasota Regulation Department

Enclosures: Approved Permit
Notice of Rights

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WATER USE PERMIT
GENERAL
PERMIT NO. 20 020198.000

PERMIT ISSUE DATE: **November 18, 2011** **EXPIRATION DATE:** **November 18, 2021**

The Permittee is responsible for submitting an application to renew this permit no sooner than one year prior to the expiration date, and no later than the end of the last business day before the expiration date, whether or not the Permittee receives prior notification by mail. Failure to submit a renewal application prior to the expiration date and continuing to withdraw water after the expiration date is a violation of Chapter 373, Florida Statutes, and Chapter 40D-2, Florida Administrative Code, and may result in a monetary penalty and/or loss of the right to use the water. Issuance of a renewal of this permit is contingent upon District approval.

TYPE OF APPLICATION: New

GRANTED TO: Lockheed Martin Corporation
1600 Tallevast Road
Sarasota, FL 34243

PROJECT NAME: Lockheed Martin Corporation - Tallevast

WATER USE CAUTION AREA: MOST IMPACTED AREA, SOUTHERN WATER USE CAUTION AREA

COUNTY: Manatee

TOTAL QUANTITIES AUTHORIZED UNDER THIS PERMIT (in gallons per day)

ANNUAL AVERAGE	410,600 gpd
PEAK MONTH [1]	410,600 gpd

1 Peak Month: Average daily use during the highest water use month.

ABSTRACT:

This is a new water use permit for ground water remediation at an industrial waste cleanup site. Quantities are withdrawn from the surficial and intermediate aquifer for treatment and disposal. The annual average quantity is 410,600 gpd and the peak month daily quantity is 410,600 gpd.
Special Conditions include those that require the Permittee to record and report monthly meter readings for the influent to the treatment system, the discharge to the recharge trenches and the discharge to the sanitary sewer system, submit an annual report, implement monitoring described in the Florida Department of Environmental Protection approved Remedial Action Plan, notify the District if there is a modification to the remedial action plan and well construction specifications.

WATER USE TABLE (in gpd)

USE	ANNUAL AVERAGE	PEAK MONTH
Industrial And Commercial	410,600	410,600

USE TYPE

Aquifer Remediation

WITHDRAWAL POINT QUANTITY TABLE

Water use from these withdrawal points are restricted to the quantities given below:

I.D. NO. PERMITTEE/ DISTRICT	DIAM (IN.)	DEPTH TTL./CSD.FT. (feet bls)	USE DESCRIPTION	AVERAGE (gpd)	PEAK MONTH (gpd)
EW-101 / 1	6	30 / 15	Recovery of Contaminants	3,300	3,300
EW-102 / 2	5	41 / 31	Recovery of Contaminants	4,600	4,600
EW-103 / 3	5	25 / 5	Recovery of Contaminants	1,400	1,400
EW-104 / 4	5	36 / 26	Recovery of Contaminants	3,200	3,200
EW-105 / 5	5	30 / 5	Recovery of Contaminants	3,200	3,200
EW-106 / 6	5	36 / 26	Recovery of Contaminants	1,400	1,400
EW-107 / 7	5	32 / 7	Recovery of Contaminants	4,300	4,300
EW-108 / 8	5	41 / 36	Recovery of Contaminants	12,200	12,200
EW-109 / 9	6	30 / 5	Recovery of Contaminants	1,400	1,400
EW-110 / 10	5	40 / 30	Recovery of Contaminants	2,200	2,200
EW-UAFG-1 / 11	5	110 / 98	Recovery of Contaminants	2,200	2,200
EW-2001 / 12	6	29 / 24	Recovery of Contaminants	5,000	5,000
EW-2002 / 13	6	27 / 22	Recovery of Contaminants	3,300	3,300
EW-2003 / 14	6	25 / 21	Recovery of Contaminants	1,900	1,900
EW-2004 / 15	6	25 / 21	Recovery of Contaminants	2,000	2,000
EW-2005 / 16	6	25 / 20	Recovery of Contaminants	2,400	2,400
EW-2006 / 17	6	24 / 19	Recovery of Contaminants	3,500	3,500
EW-2007 / 18	6	24 / 20	Recovery of Contaminants	3,200	3,200
EW-2008 / 19	6	27 / 22	Recovery of Contaminants	5,000	5,000
EW-2009 / 20	6	25 / 21	Recovery of Contaminants	3,900	3,900
EW-2010 / 21	6	26 / 20	Recovery of Contaminants	5,600	5,600
EW-2011 / 22	6	28 / 23	Recovery of Contaminants	4,900	4,900
EW-2012 / 23	6	23 / 18	Recovery of Contaminants	2,400	2,400
EW-2013 / 24	6	19 / 14	Recovery of Contaminants	3,300	3,300
EW-2014 / 25	6	28 / 22	Recovery of Contaminants	3,300	3,300
EW-2015 / 26	6	27 / 22	Recovery of Contaminants	2,900	2,900
EW-2016 / 27	6	28 / 23	Recovery of Contaminants	2,500	2,500
EW-2017 / 28	6	28 / 23	Recovery of Contaminants	1,900	1,900
EW-2018 / 29	6	28 / 24	Recovery of Contaminants	2,900	2,900
EW-2019 / 30	6	29 / 24	Recovery of Contaminants	1,400	1,400

EW-2020 / 31	6	28 / 23	Recovery of Contaminants	1,200	1,200
EW-2021 / 32	6	28 / 23	Recovery of Contaminants	700	700
EW-2022 / 33	6	28 / 23	Recovery of Contaminants	4,300	4,300
EW-2023 / 34	6	28 / 23	Recovery of Contaminants	4,300	4,300
EW-2024 / 35	6	29 / 24	Recovery of Contaminants	1,900	1,900
EW-2025 / 36	6	28 / 24	Recovery of Contaminants	1,700	1,700
EW-2026 / 37	6	28 / 22	Recovery of Contaminants	2,000	2,000
EW-2027 / 38	6	29 / 25	Recovery of Contaminants	5,300	5,300
EW-2028 / 39	6	29 / 25	Recovery of Contaminants	2,200	2,200
EW-2029 / 40	6	28 / 24	Recovery of Contaminants	1,200	1,200
EW-2030 / 41	6	30 / 25	Recovery of Contaminants	2,200	2,200
EW-2031 / 42	6	29 / 22	Recovery of Contaminants	1,400	1,400
EW-2032 / 43	6	30 / 25	Recovery of Contaminants	1,300	1,300
EW-2033 / 44	6	30 / 25	Recovery of Contaminants	4,600	4,600
EW-2034 / 45	6	30 / 25	Recovery of Contaminants	1,900	1,900
EW-2035 / 46	6	34 / 30	Recovery of Contaminants	4,200	4,200
EW-2036 / 47	6	26 / 18	Recovery of Contaminants	6,000	6,000
EW-2037 / 48	6	29 / 22	Recovery of Contaminants	9,900	9,900
EW-2101 / 49	6	27 / 27	Recovery of Contaminants	26,900	26,900
EW-2102 / 50	8	28 / 28	Recovery of Contaminants	23,200	23,200
EW-2103 / 51	8	32 / 32	Recovery of Contaminants	47,400	47,400
EW-2104 / 52	8	32 / 32	Recovery of Contaminants	39,300	39,300
EW-3001 / 53	8	51 / 32	Recovery of Contaminants	1,700	1,700
EW-3002 / 54	6	51 / 31	Recovery of Contaminants	2,600	2,600
EW-3003 / 55	6	51 / 31	Recovery of Contaminants	2,300	2,300
EW-3004 / 56	6	52 / 32	Recovery of Contaminants	2,200	2,200
EW-3005 / 57	6	52 / 32	Recovery of Contaminants	600	600
EW-3006 / 58	6	53 / 31	Recovery of Contaminants	3,000	3,000
EW-3007 / 59	6	54 / 32	Recovery of Contaminants	5,000	5,000
EW-3008 / 60	6	54 / 32	Recovery of Contaminants	900	900

EW-3009 / 61	6	54 / 32	Recovery of Contaminants	1,600	1,600
EW-3010 / 62	6	54 / 32	Recovery of Contaminants	2,400	2,400
EW-3011 / 63	6	55 / 33	Recovery of Contaminants	3,200	3,200
EW-3012 / 64	6	56 / 41	Recovery of Contaminants	5,000	5,000
EW-3013 / 65	6	55 / 40	Recovery of Contaminants	4,300	4,300
EW-3014 / 66	6	57 / 42	Recovery of Contaminants	8,400	8,400
EW-3015 / 67	6	57 / 40	Recovery of Contaminants	4,900	4,900
EW-3016 / 68	6	58 / 41	Recovery of Contaminants	5,300	5,300
EW-3017 / 69	6	56 / 41	Recovery of Contaminants	5,600	5,600
EW-3018 / 70	6	59 / 44	Recovery of Contaminants	4,800	4,800
EW-3019 / 71	6	55 / 35	Recovery of Contaminants	4,500	4,500
EW-3020 / 72	6	49 / 29	Recovery of Contaminants	4,300	4,300
EW-3021 / 73	6	52 / 33	Recovery of Contaminants	4,000	4,000
EW-3022 / 74	6	54 / 35	Recovery of Contaminants	700	700
EW-3023 / 75	6	50 / 40	Recovery of Contaminants	6,000	6,000
EW-3024 / 76	6	53 / 31	Recovery of Contaminants	10	10
EW-3025 / 77	6	61 / 36	Recovery of Contaminants	700	700
EW-3026 / 78	6	61 / 36	Recovery of Contaminants	1,400	1,400
EW-3027 / 79	6	55 / 33	Recovery of Contaminants	1,400	1,400
EW-4001 / 80	6	108 / 88	Recovery of Contaminants	1,400	1,400
EW-4002 / 81	6	122 / 97	Recovery of Contaminants	1,400	1,400
EW-4003 / 82	6	133 / 98	Recovery of Contaminants	2,900	2,900
EW-4004 / 83	6	115 / 95	Recovery of Contaminants	3,600	3,600
EW-4005 / 84	6	120 / 95	Recovery of Contaminants	1,400	1,400
EW-4006 / 85	6	120 / 105	Recovery of Contaminants	1,400	1,400
EW-4007 / 86	6	125 / 105	Recovery of Contaminants	1,400	1,400
EW-4008 / 87	6	125 / 105	Recovery of Contaminants	1,400	1,400
EW-4009 / 88	6	135 / 120	Recovery of Contaminants	2,900	2,900
EW-4010 / 89	6	113 / 93	Recovery of Contaminants	3,200	3,200
EW-4011 / 90	6	113 / 93	Recovery of Contaminants	3,200	3,200

EW-5001 / 91	6	176 / 141	Recovery of Contaminants	2,900	2,900
EW-5002 / 92	6	165 / 145	Recovery of Contaminants	2,900	2,900
95-Influent / 95		UNK / UNK	Recovery of Contaminants	410,600	410,600
96-Recharge Tr / 96	4	N/A / N/A	Recovery of Contaminants	410,600	410,600
97-Sanitary Sew / 97	4	N/A / N/A	Recovery of Contaminants	410,600	410,600

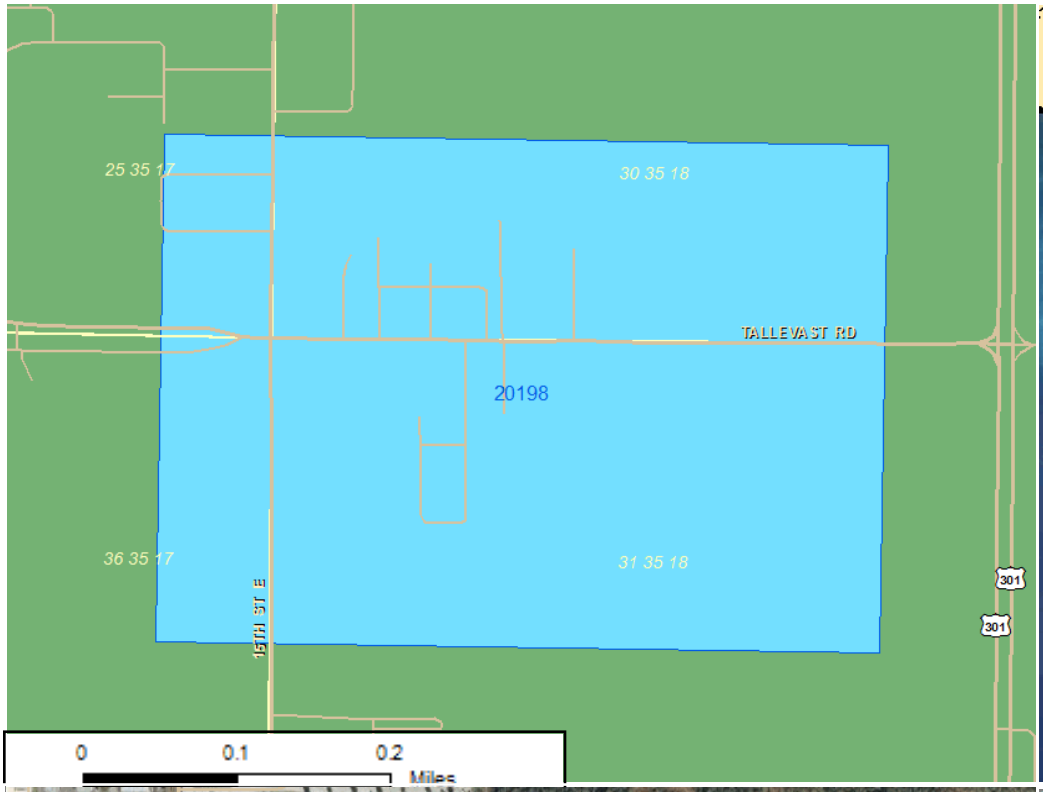
WITHDRAWAL POINT LOCATION TABLE

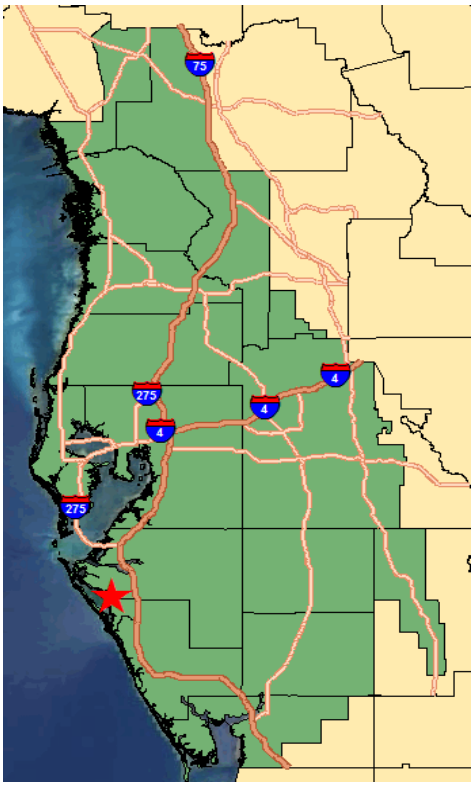
DISTRICT I.D. NO.	LATITUDE/LONGITUDE
1	27° 24' 09.58"/82° 32' 42.77"
2	27° 24' 09.62"/82° 32' 42.45"
3	27° 24' 11.03"/82° 32' 36.51"
4	27° 24' 12.28"/82° 32' 36.51"
5	27° 24' 20.87"/82° 32' 36.65"
6	27° 24' 10.97"/82° 32' 36.68"
7	27° 24' 09.45"/82° 32' 35.57"
8	27° 24' 09.45"/82° 32' 35.57"
9	27° 24' 10.67"/82° 32' 35.57"
10	27° 24' 08.75"/82° 32' 37.85"
11	27° 24' 08.75"/82° 32' 37.96"
12	27° 24' 11.18"/82° 32' 36.60"
13	27° 24' 01.07"/82° 32' 48.84"
14	27° 24' 02.47"/82° 32' 48.84"
15	27° 24' 03.77"/82° 32' 48.83"
16	27° 24' 04.49"/82° 32' 48.83"
17	27° 24' 05.29"/82° 32' 48.82"
18	27° 24' 06.33"/82° 32' 49.82"
19	27° 24' 07.34"/82° 32' 48.83"
20	27° 24' 19.18"/82° 32' 52.22"
21	27° 24' 17.02"/82° 32' 52.14"
22	27° 24' 17.19"/82° 32' 49.46"
23	27° 24' 12.09"/82° 32' 36.50"
24	27° 24' 18.38"/82° 32' 36.51"
25	27° 24' 20.87"/82° 32' 34.06"
26	27° 24' 13.07"/82° 32' 34.65"
27	27° 24' 12.71"/82° 32' 36.93"
28	27° 24' 12.33"/82° 32' 36.51"
29	27° 24' 11.79"/82° 32' 38.50"
30	27° 24' 11.79"/82° 32' 35.41"
31	27° 24' 11.31"/82° 32' 36.02"
32	27° 24' 11.31"/82° 32' 35.47"
33	27° 24' 11.24"/82° 32' 37.13"
34	27° 24' 11.13"/82° 32' 36.60"
35	27° 24' 10.98"/82° 32' 36.61"
36	27° 24' 10.73"/82° 32' 35.70"
37	27° 24' 10.70"/82° 32' 36.87"
38	27° 24' 10.70"/82° 32' 36.03"
39	27° 24' 10.23"/82° 32' 37.50"
40	27° 24' 10.21"/82° 32' 37.29"
41	27° 24' 10.14"/82° 32' 36.30"

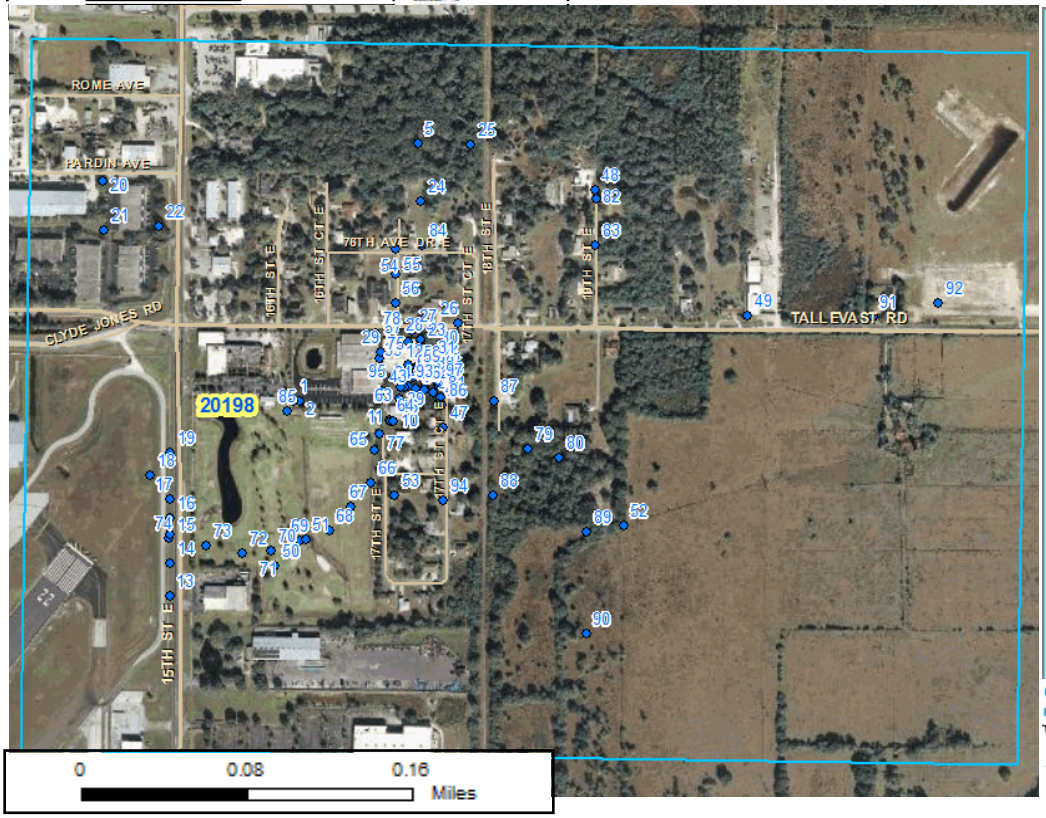
42	27° 24' 10.19"/82° 32' 36.72"
43	27° 24' 10.08"/82° 32' 38.38"
44	27° 24' 10.02"/82° 32' 35.91"
45	27° 24' 09.51"/82° 32' 35.63"
46	27° 24' 08.76"/82° 32' 37.83"
47	27° 24' 08.49"/82° 32' 35.39"
48	27° 24' 18.90"/82° 32' 27.95"
49	27° 24' 13.45"/82° 32' 20.36"
50	27° 24' 02.39"/82° 32' 43.65"
51	27° 24' 03.55"/82° 32' 42.15"
52	27° 24' 04.21"/82° 32' 26.45"
53	27° 24' 05.53"/82° 32' 37.75"
54	27° 24' 16.30"/82° 32' 37.75"
55	27° 24' 15.16"/82° 32' 37.74"
56	27° 24' 13.93"/82° 32' 37.77"
57	27° 24' 12.21"/82° 32' 37.14"
58	27° 24' 11.13"/82° 32' 36.76"
59	27° 24' 10.96"/82° 32' 36.76"
60	27° 24' 10.73"/82° 32' 37.04"
61	27° 24' 10.85"/82° 32' 35.70"
62	27° 24' 10.25"/82° 32' 36.29"
63	27° 24' 09.71"/82° 32' 37.55"
64	27° 24' 08.78"/82° 32' 38.00"
65	27° 24' 07.47"/82° 32' 38.78"
66	27° 24' 06.06"/82° 32' 38.95"
67	27° 24' 05.01"/82° 32' 39.94"
68	27° 24' 03.97"/82° 32' 40.99"
69	27° 24' 03.49"/82° 32' 42.41"
70	27° 24' 03.06"/82° 32' 43.84"
71	27° 24' 03.06"/82° 32' 43.84"
72	27° 24' 02.95"/82° 32' 45.26"
73	27° 24' 03.29"/82° 32' 47.02"
74	27° 24' 03.60"/82° 32' 48.87"
75	27° 24' 11.48"/82° 32' 38.51"
76	27° 24' 12.60"/82° 32' 38.74"
77	27° 24' 08.21"/82° 32' 38.51"
78	27° 24' 12.61"/82° 32' 38.74"
79	27° 24' 07.57"/82° 32' 31.20"
80	27° 24' 07.16"/82° 32' 29.65"
81	27° 24' 09.81"/82° 32' 35.50"
82	27° 24' 18.51"/82° 32' 27.88"
83	27° 24' 16.46"/82° 32' 27.88"
84	27° 24' 16.46"/82° 32' 36.44"

85	27° 24' 09.17"/82° 32' 43.06"
86	27° 24' 09.45"/82° 32' 35.43"
87	27° 24' 09.67"/82° 32' 32.88"
88	27° 24' 05.55"/82° 32' 32.91"
89	27° 24' 03.96"/82° 32' 28.28"
90	27° 23' 59.50"/82° 32' 28.28"
91	27° 24' 13.40"/82° 32' 14.19"
92	27° 24' 14.01"/82° 32' 10.96"
95	27° 24' 10.68"/82° 32' 37.88"
96	27° 24' 10.47"/82° 32' 35.63"
97	27° 24' 10.33"/82° 32' 35.62"

Location Map
Lockheed Martin Corporation
WUP No. 20 020198.000







Legend

- DIDs
- WUP Boundary
- 2010 Natural Color Imagery

MANATEE COUNTY

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Southwest Florida Water Management District

STANDARD CONDITIONS:

The Permittee shall comply with the Standard Conditions attached hereto, incorporated herein by reference as Exhibit A and made a part hereof.

SPECIAL CONDITIONS:

1. All reports and data required by condition(s) of the permit shall be submitted to the District according to the due date(s) contained in the specific condition. If the condition specifies that a District-supplied form is to be used, the Permittee should use that form in order for their submission to be acknowledged in a timely manner. The only alternative to this requirement is to use the District Permit Information Center (www.swfwmd.state.fl.us/permits/epermitting/) to submit data, plans or reports online. There are instructions at the District website on how to register to set up an account to do so. If the report or data is received on or before the tenth day of the month following data collection, it shall be deemed as a timely submittal.

   All mailed reports and data are to be sent to:

   Southwest Florida Water Management District
   Sarasota Regulation Department, Water Use Regulation
   6750 Fruitville Road
   Sarasota, Florida 34240-9711

   Submission of plans and reports: Unless submitted online or otherwise indicated in the special condition, the original and two copies of each plan and report, such as conservation plans, environmental analyses, aquifer test results, per capita annual reports, etc. are required.

   Submission of data: Unless otherwise indicated in the special condition, an original (no copies) is required for data submittals such as crop report forms, meter readings and/or pumpage, rainfall, water level evapotranspiration, or water quality data.
   (499)

2. The average day and peak monthly quantities for the ground water withdrawal, shown in the withdrawal table are estimates based on the projected distribution of pumpage, and are for water use inventory and impact analysis purposes only. The quantities listed for these individual sources are not intended to dictate the distribution of pumpage from permitted sources. The Permittee may make adjustments in pumpage distribution as necessary so long as adverse environmental impacts do not result and the Permittee complies with all other conditions of this Permit. In all cases, the total average annual daily withdrawal and the total peak monthly daily withdrawal are limited to the quantities set forth above. (221)

3. The Permittee shall construct the proposed wells according to the surface diameter, casing depth, and total depth specifications listed in the Table 1 from the Water Use Permit application supplemental documentation received by the District on November 15, 2011. The casing shall be continuous from land surface to the minimum depth stated and is specified to prevent the unauthorized interchange of water between different water bearing zones. The surface diameter and total depth specified are those proposed by the Permittee in the application process. All depths given are in feet below land surface. (235)

4. The Permittee shall investigate alleged loss of reliable access to legal, existing withdrawal of ground water, damage to the ground water wells, or to pumps used to access legal, existing withdrawal of water within 700 feet of any withdrawal point listed in Table 1 of the November 15, 2011 submittal that may have been caused by the Permittee's ground water withdrawals. Instructions for the complaint handling and possible mitigation procedure are given in Exhibit B, Well Complaint Instructions, attached to and made part of this permit. (443)

5. The Permittee shall submit a copy of all well completion reports as filed with the Environmental Action Commission of Manatee County to the District Permit Data Section, Performance Management Office within 30 days of each well completion.(508)

6. Any wells not in use, and in which pumping equipment is not installed shall be capped or valved in a water tight manner in accordance with Chapter 62-532.500(3)(a)(4), F.A.C.(568)

7. The Permittee shall comply with allocated quantities. If the allocated quantities are exceeded, upon request by the District, the Permittee shall submit a report that includes reasons why the allocated quantities were exceeded, measures taken to attempt to meet the allocated quantities, and a plan to bring the permit into compliance. The District will evaluate information submitted by Permittees who exceed their allocated quantities to determine whether the lack of achievement is justifiable and a variance is warranted. The report is subject to approval by the District; however, justification for exceeding the allowed withdrawal quantity does not constitute a waiver of the District's authority to enforce the terms and conditions of the permit.(651)

8. This Permit is located within the Southern Water Use Caution Area (SWUCA). Pursuant to Section 373.0421, Florida Statutes, the SWUCA is subject to a minimum flows and levels recovery strategy, which became effective on January 1, 2007. The Governing Board may amend the recovery strategy, including amending applicable water use permitting rules based on an annual assessment of water resource criteria, cumulative water withdrawal impacts, and on a recurring five-year evaluation of the status of the recovery strategy up to the year 2025 as described in Chapter 40D-80, Florida Administrative Code. This Permit is subject to modification to comply with new rules.(652)

9. The following proposed facilities shall be metered within 30 days of completion of construction of the facilities: District ID No(s). 95 and 97, Permittee ID No(s). 95-Influent and 97-Sanitary Sewer. Meter reading and reporting, as well as meter accuracy checks every five years shall be in accordance with instructions in Exhibit B, Metering Instructions, attached to and made part of this permit.(718)

10. A determination as to whether the permittee is in compliance with the quantities allocated on this permit will be based on a review of monthly water use records submitted by the permittee to the District for District ID No. 95 (Permittee ID No. 95-Influent). (992)

11. Permittee shall notify District within 30 days of any modification to the Florida Department of Environmental Protection approved Remedial Action Plan Addendum (RAP) dated July 14, 2009 that was submitted in support of the application for this permit. Based on a determination by the District, a modification of the water use permit may then be required.(990)

12. The following proposed recharge well shall be metered within 30 days of completion of construction of the facilities: District ID No. 96, Permittee ID No. 96-Recharge Trench. Meter reading and reporting, as well as meter accuracy checks every five years shall be in accordance with instructions in Exhibit B, Metering Instructions, attached to and made part of this permit.(727)

13. The Permittee shall submit the annual monitoring report including the hydrobiological monitoring data described in the Remedial Action Plan Addendum dated July 14, 2009 that was submitted in support of the application for this permit.The report and required documentation shall be submitted to the Regulation Bureau Director by January 1 of each year.(673)

40D-2
Exhibit A

WATER USE PERMIT STANDARD CONDITIONS

1. The Permittee shall provide access to an authorized District representative to enter the property at any reasonable time to inspect the facility and make environmental or hydrologic assessments. The Permittee shall either accompany District staff onto the property or make provision for access onto the property.

2. When necessary to analyze impacts to the water resource or existing users, the District shall require the Permittee to install flow metering or other measuring devices to record withdrawal quantities and submit the data to the District.

3. The District shall collect water samples from any withdrawal point listed in the permit or shall require the permittee to submit water samples when the District determines there is a potential for adverse impacts to water quality.

4. A District identification tag shall be prominently displayed at each withdrawal point that is required by the District to be metered or for which withdrawal quantities are required to be reported to the District, by permanently affixing the tag to the withdrawal facility.

5. The Permittee shall mitigate to the satisfaction of the District any adverse impact to environmental features or off-site land uses as a result of withdrawals. When adverse impacts occur or are imminent, the District shall require the Permittee to mitigate the impacts. Adverse impacts include the following:

   A. Significant reduction in levels or flows in water bodies such as lakes, impoundments, wetlands, springs, streams or other watercourses; or
   B. Damage to crops and other vegetation causing financial harm to the owner; and
   C. Damage to the habitat of endangered or threatened species.

6. The Permittee shall mitigate, to the satisfaction of the District, any adverse impact to existing legal uses caused by withdrawals. When adverse impacts occur or are imminent, the District shall require the Permittee to mitigate the impacts. Adverse impacts include the following:

   A. A reduction in water levels which impairs the ability of a well to produce water;
   B. Significant reduction in levels or flows in water bodies such as lakes, impoundments, wetlands, springs, streams or other watercourses; or
   C. Significant inducement of natural or manmade contaminants into a water supply or into a usable portion of an aquifer or water body.

7. Notwithstanding the provisions of Rule 40D-1.6105, F.A.C., persons who wish to continue the water use permitted herein and who have acquired ownership or legal control of permitted water withdrawal facilities or the land on which the facilities are located must apply to transfer the permit to themselves within 45 days of acquiring ownership or legal control of the water withdrawal facilities or the land.

8. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if the Permittee fails to comply with all of the provisions of Chapter 373, Florida Statutes (F.S.), Chapter 40D, Florida Administrative Code (F.A.C.), or the conditions set forth herein, the Governing Board shall revoke this permit in accordance with Rule 40D-2.341, F.A.C., following notice and hearing.

9. Issuance of this permit does not exempt the Permittee from any other District permitting requirements.

10. The Permittee shall cease or reduce surface water withdrawal as directed by the District if water levels in lakes fall below the applicable minimum water level established in Chapter 40D-8, F.A.C., or rates of flow in streams fall below the minimum levels established in Chapter 40D-8, F.A.C.

11. The Permittee shall cease or reduce withdrawal as directed by the District if water levels in aquifers fall below the minimum levels established by the Governing Board.

12. The Permittee shall not deviate from any of the terms or conditions of this permit without written approval by the District.

13. The Permittee shall practice water conservation to increase the efficiency of transport, application, and use, as well as to decrease waste and to minimize runoff from the property. At such time as the Governing Board adopts specific conservation requirements for the Permittee's water use classification, this permit shall be subject to those requirements upon notice and after a reasonable period for compliance.

14. The District may establish special regulations for Water-Use Caution Areas. At such time as the Governing Board adopts such provisions, this permit shall be subject to them upon notice and after a reasonable period for compliance.

15. In the event the District declares that a Water Shortage exists pursuant to Chapter 40D-21, F.A.C., the District shall alter, modify, or declare inactive all or parts of this permit as necessary to address the water shortage.

16. This permit is issued based on information provided by the Permittee demonstrating that the use of water is reasonable and beneficial, consistent with the public interest, and will not interfere with any existing legal use of water. If, during the term of the permit, it is determined by the District that the use is not reasonable and beneficial, in the public interest, or does impact an existing legal use of water, the Governing Board shall modify this permit or shall revoke this permit following notice and hearing.

17. Within the SWUCA, if the District determines that significant water quantity or quality changes, impacts to existing legal uses, or adverse environmental impacts are occurring, the permittee shall be provided with a statement of facts upon which the District based its determination and an opportunity to address the change or impact prior to a reconsideration by the Board of the quantities permitted or other conditions of the permit.

18. All permits issued pursuant to these Rules are contingent upon continued ownership or legal control of all property on which pumps, wells, diversions or other water withdrawal facilities are located.

Exhibit B
Instructions

METERING INSTRUCTIONS

The Permittee shall meter withdrawals from surface waters and/or the ground water resources, and meter readings from each withdrawal facility shall be recorded on a monthly basis within the last week of the month. The meter reading(s) shall be reported to the Permit Data Section, Performance Management Office on or before the tenth day of the following month.The Permittee shall submit meter readings online using the Permit Information Center at www.swfwmd.state.fl.us/permits/epermitting/ or on District supplied scanning forms unless another arrangement for submission of this data has been approved by the District. Submission of such data by any other unauthorized form or mechanism may result in loss of data and subsequent delinquency notifications. Call the Performance Management Office in Brooksville (352-796-7211) if difficulty is encountered.

The meters shall adhere to the following descriptions and shall be installed or maintained as follows:

1. The meter(s) shall be non-resettable, totalizing flow meter(s) that have a totalizer of sufficient magnitude to retain total gallon data for a minimum of the three highest consecutive months permitted quantities. If other measuring device(s) are proposed, prior to installation, approval shall be obtained in writing from the Regulation Department Director.
2. The Permittee shall report non-use on all metered standby withdrawal facilities on the scanning form or approved alternative reporting method.
3. If a metered withdrawal facility is not used during any given month, the meter report shall be submitted to the District indicating the same meter reading as was submitted the previous month.
4. The flow meter(s) or other approved device(s) shall have and maintain an accuracy within five percent of the actual flow as installed.
5. Meter accuracy testing requirements:
   A. For newly metered withdrawal points, the flow meter installation shall be designed for inline field access for meter accuracy testing.
   B. The meter shall be tested for accuracy on-site, as installed according to the Flow Meter Accuracy Test Instructions in this Exhibit B, every five years in the assigned month for the county, beginning from the date of its installation for new meters or from the date of initial issuance of this permit containing the metering condition with an accuracy test requirement for existing meters.
   C. The testing frequency will be decreased if the Permittee demonstrates to the satisfaction of the District that a longer period of time for testing is warranted.
   D. The test will be accepted by the District only if performed by a person knowledgeable in the testing equipment used.
   E. If the actual flow is found to be greater than 5% different from the measured flow, within 30 days, the Permittee shall have the meter re-calibrated, repaired, or replaced, whichever is necessary. Documentation of the test and a certificate of re-calibration, if applicable, shall be submitted within 30 days of each test or re-calibration.
6. The meter shall be installed according to the manufacturer's instructions for achieving accurate flow to the specifications above, or it shall be installed in a straight length of pipe where there is at least an upstream length equal to ten (10) times the outside pipe diameter and a downstream length equal to two (2) times the outside pipe diameter. Where there is not at least a length of ten diameters upstream available, flow straightening vanes shall be used in the upstream line.
7. Broken or malfunctioning meter:
   A. If the meter or other flow measuring device malfunctions or breaks, the Permittee shall notify the District within 15 days of discovering the malfunction or breakage.
   B. The meter must be replaced with a repaired or new meter, subject to the same specifications given above, within 30 days of the discovery.
   C. If the meter is removed from the withdrawal point for any other reason, it shall be replaced with another meter having the same specifications given above, or the meter shall be reinstalled within 30 days of its removal from the withdrawal. In either event, a fully functioning meter shall not be off the withdrawal point for more than 60 consecutive days.

8. While the meter is not functioning correctly, the Permittee shall keep track of the total amount of time the withdrawal point was used for each month and multiply those minutes times the pump capacity (in gallons per minute) for total gallons. The estimate of the number of gallons used each month during that period shall be submitted on District scanning forms and noted as estimated per instructions on the form. If the data is submitted by another approved method, the fact that it is estimated must be indicated. The reason for the necessity to estimate pumpage shall be reported with the estimate.
9. In the event a new meter is installed to replace a broken meter, it and its installation shall meet the specifications of this condition. The permittee shall notify the District of the replacement with the first submittal of meter readings from the new meter.

FLOW METER ACCURACY TEST INSTRUCTIONS

1. **Accuracy Test Due Date** - The Permittee is to schedule their accuracy test according to the following schedule:

   A. For existing metered withdrawal points, add five years to the previous test year, and make the test in the month assigned to your county.
   B. For withdrawal points for which metering is added for the first time, the test is to be scheduled five years from the issue year in the month assigned to your county.
   C. For proposed withdrawal points, the test date is five years from the completion date of the withdrawal point in the month assigned to your county.
   D. For the Permittee's convenience, if there are multiple due-years for meter accuracy testing because of the timing of the installation and/or previous accuracy tests of meters, the Permittee can submit a request in writing to the Permitting Department Director for one specific year to be assigned as the due date year for meter testing. Permittees with many meters to test may also request the tests to be grouped into one year or spread out evenly over two to three years.
   E. The months for accuracy testing of meters are assigned by county. The Permittee is requested but not required to have their testing done in the month assigned to their county. This is to have sufficient District staff available for assistance.

January	Hillsborough
February	Manatee, Pasco
March	Polk (for odd numbered permits)*
April	Polk (for even numbered permits)*
May	Highlands
June	Hardee, Charlotte
July	None or Special Request
August	None or Special Request
September	Desoto, Sarasota
October	Citrus, Levy, Lake
November	Hernando, Sumter, Marion
December	Pinellas

   * The permittee may request their multiple permits be tested in the same month.

2. **Accuracy Test Requirements**: The Permittee shall test the accuracy of flow meters on permitted withdrawal points as follows:

   A. The equipment water temperature shall be set to 72 degrees Fahrenheit for ground water, and to the measured water temperature for other water sources.
   B. A minimum of two separate timed tests shall be performed for each meter. Each timed test shall consist of measuring flow using the test meter and the installed meter for a minimum of four minutes duration. If the two tests do not yield consistent results, additional tests shall be performed for a minimum of eight minutes or longer per test until consistent results are obtained.
   C. If the installed meter has a rate of flow, or large multiplier that does not allow for consistent results to be obtained with four- or eight-minute tests, the duration of the test shall be increased as necessary to obtain accurate and consistent results with respect to the type of flow meter installed.
   D. The results of two consistent tests shall be averaged, and the result will be considered the test result for the meter being tested. This result shall be expressed as a plus or minus percent (rounded to the nearest one-tenth percent) accuracy of the installed meter relative to the test meter. The percent accuracy indicates the deviation (if any), of the meter being tested from the test meter.

3. **Accuracy Test Report:** The Permittees shall demonstrate that the results of the meter test(s) are accurate by submitting the following information within 30 days of the test:
   - A. A completed Flow Meter Accuracy Verification Form, Form LEG-R.014.00 (07/08) for each flow meter tested. This form can be obtained from the District's website (www.watermatters.org) under "ePermitting and Rules" for Water Use Permits.
   - B. A printout of data that was input into the test equipment, if the test equipment is capable of creating such a printout;
   - C. A statement attesting that the manufacturer of the test equipment, or an entity approved or authorized by the manufacturer, has trained the operator to use the specific model test equipment used for testing;
   - D. The date of the test equipment's most recent calibration that demonstrates that it was calibrated within the previous twelve months, and the test lab's National Institute of Standards and Testing (N.I.S.T.) traceability reference number.
   - E. A diagram showing the precise location on the pipe where the testing equipment was mounted shall be supplied with the form. This diagram shall also show the pump, installed meter, the configuration (with all valves, tees, elbows, and any other possible flow disturbing devices) that exists between the pump and the test location clearly noted with measurements. If flow straightening vanes are utilized, their location(s) shall also be included in the diagram.
   - F. A picture of the test location, including the pump, installed flow meter, and the measuring device, or for sites where the picture does not include all of the items listed above, a picture of the test site with a notation of distances to these items. with a notation of distances to these items.

WELL COMPLAINT INSTRUCTIONS

The permittee shall adhere to the following process for handling water resource, surface or ground water withdrawal point impact, dewatering complaints, or discharge/seepage of water from their property:

1. Within 48 hours of a complaint received by the Permittee related to their withdrawal or use of water or dewatering activity, the Permittee shall notify the District, perform a preliminary investigation to determine whether the Permittee's pumpage, dewatering activity, or discharge/seepage from their property may have caused the problem.
2. If this preliminary assessment indicates that the Permittee may be responsible, the Permittee shall, within 72 hours of complaint receipt, supply the complainant with any water necessary for health and safety purposes, such as drinking water.
3. If the resulting investigation determines that the Permittee was not responsible for the well problem, the Permittee shall document the reasons for this determination.
4. If the detailed investigation confirms that the complainant's problem was caused by the Permittee's pumpage, dewatering, or discharge or water impoundment activities:
   - A. The complainant's problem shall be fully corrected within 15 days of complaint receipt.
   - B. Impacts to wells: Full correction shall be restoration of the complainant's well to pre-impact condition or better, including the aspects of pressure levels, discharge quantity, and water quality. This detailed investigation shall include, but not be limited to, an analysis of water levels and pumpage impacts at the time of the complainant's problem, well and pump characteristics including depths, capacity, pump curves, and irrigation system requirements.
5. The Permittee shall file a report of the complaint, the findings of facts, appropriate technical data, and any mitigating action taken or to be taken by the Permittee, to the Regulation Department Director, Resource Regulation, for review and approval within 20 days of the receipt of any complaint. The report shall include:
   - A. The name and address of each complainant;
   - B. The date and nature of the complaint;
   - C. A summary of the Permittee's investigation;
   - D. A summary of the Permittee's determination, including details of any mitigation activities; and
   - E. Cost of mitigation activity for each complaint.
6. A copy of the report shall be sent to the complainant within 20 days of complaint receipt.

WELL CONSTRUCTION INSTRUCTIONS

All wells proposed to be constructed shall be drilled and constructed as specified below:

1. All well casing (including liners and/or pipe) must be sealed to the depth specified in the permit condition.
2. The proposed well(s) shall be constructed of materials that are resistant to degradation of the casing/grout due to interaction with the water of lesser quality. A minimum grout thickness of two (2) inches is required on wells four (4) inches or more in diameter.
3. A minimum of twenty (20) feet overlap and two (2) centralizers is required for Public Supply wells and all wells six (6) inches or more in diameter.
4. Any variation from estimated, maximum or minimum total depths; maximum or minimum casing depths; well location or casing diameter specified in the condition requires advanced approval by the Regulation Department Director, Resource Regulation, or the Supervisor of the Well Construction Permitting Section in Brooksville.
5. The Permittee is notified that a proposal to significantly change any of these well construction specifications may require permit modification if the District determines that such a change would result in significantly greater withdrawal impacts than those considered for this Permit.
6. The finished well casing depth shall not vary from these specifications by greater than ten (10) percent unless advance approval is granted by the Regulation Department Director, Resource Regulation, or the Well Construction Regulation Manager in Brooksville.

Claire E. Muirhead, P.G.

Authorized Signature
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

This permit, issued under the provision of Chapter 373, Florida Statues and Florida Administrative Code 40D-2, authorizes the Permittee to withdraw the quantities outlined above, and may require various activities to be performed by the Permittee as described in the permit, including the Special Conditions. The permit does not convey to the Permittee any property rights or privileges other than those specified herein, nor relieve the Permittee from complying with any applicable local government, state, or federal law, rule, or ordinance.

Notice of Rights

ADMINISTRATIVE HEARING

1. You or any person whose substantial interests are or may be affected by the District's action may request an administrative hearing on that action by filing a written petition in accordance with Sections 120.569 and 120.57, Florida Statutes (F.S.), Uniform Rules of Procedure Chapter 28-106, Florida Administrative Code (F.A.C.) and District Rule 40D-1.1010, F.A.C. Unless otherwise provided by law, a petition for administrative hearing must be filed with (received by) the District within 21 days of receipt of written notice of agency action. "Written notice" means either actual written notice, or newspaper publication of notice, that the District has taken or intends to take agency action. "Receipt of written notice" is deemed to be the fifth day after the date on which actual notice is deposited in the United States mail, if notice is mailed to you, or the date that actual notice is issued, if sent to you by electronic mail or delivered to you, or the date that notice is published in a newspaper, for those persons to whom the District does not provide actual notice.

2. Pursuant to Subsection 373.427(2)(c), F.S., for notices of agency action on a consolidated application for an environmental resource permit and use of sovereignty submerged lands concurrently reviewed by the District, a petition for administrative hearing must be filed with (received by) the District within 14 days of receipt of written notice.

3. Pursuant to Rule 62-532.430, F.A.C., for notices of intent to deny a well construction permit, a petition for administrative hearing must be filed with (received by) the District within 30 days of receipt of written notice of intent to deny.

4. Any person who receives written notice of an agency decision and who fails to file a written request for a hearing within 21 days of receipt or other period as required by law waives the right to request a hearing on such matters.

5. Mediation pursuant to Section 120.573, F.S., to settle an administrative dispute regarding District action is not available prior to the filing of a petition for hearing.

6. A request or petition for administrative hearing must comply with the requirements set forth in Chapter 28.106, F.A.C. A request or petition for a hearing must: (1) explain how the substantial interests of each person requesting the hearing will be affected by the District's action or proposed action, (2) state all material facts disputed by the person requesting the hearing or state that there are no material facts in dispute, and (3) otherwise comply with Rules 28-106.201 and 28-106.301, F.A.C. Chapter 28-106, F.A.C. can be viewed at www.flrules.org or at the District's website at www.WaterMatters.org/permits/rules.

7. A petition for administrative hearing is deemed filed upon receipt of the complete petition by the District Agency Clerk at the District's Brooksville headquarters during normal business hours, which are 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding District holidays. Filings with the District Agency Clerk may be made by mail, hand-delivery or facsimile transfer (fax). The District does not accept petitions for administrative hearing by electronic mail. Mailed filings must be addressed to, and hand-delivered filings must be delivered to, the Agency Clerk, Southwest Florida Water Management District, 2379 Broad Street, Brooksville, FL 34604-6899. Faxed filings must be transmitted to the District Agency Clerk at (352) 754-6874. Any petition not received during normal business hours shall be filed as of 8:00 a.m. on the next business day. The District's acceptance of faxed petitions for filing is subject to certain conditions set forth in the District's Statement of Agency Organization and Operation, available for viewing at www.WaterMatters.org/about.

JUDICIAL REVIEW

1. Pursuant to Sections 120.60(3) and 120.68, F.S., a party who is adversely affected by final District action may seek judicial review of the District's final action. Judicial review shall be sought in the Fifth District Court of Appeal or in the appellate district where a party resides or as otherwise provided by law .

2. All proceedings shall be instituted by filing an original notice of appeal with the District Agency Clerk within 30 days after the rendition of the order being appealed, and a copy of the notice of appeal, accompanied by any filing fees prescribed by law, with the clerk of the court, in accordance with Rules 9. 110 and 9.190 of the Florida Rules of Appellate Procedure (Fla. R. App. P.). Pursuant to Fla. R. App. P. 9.020(h), an order is rendered when a signed written order is filed with the clerk of the lower tribunal.

Lockheed Martin Corporation
1600 Tallevast Road
Sarasota, FL 34243

APPENDIX J – BORING LOGS AND WELL CONSTRUCTION AND DEVELOPMENT LOGS

Lockheed Martin - Tallevast Site

BORING LOG

Boring/Well Number:	Site Name:	Property Description/Address:	AECOM
MW-185R	Tallevast	Tallevast Road ROW	

Northing: / Easting:	Borehole Start Date & Time:	Borehole End Date & Time:
	07/21/16 @ 10:30	07/22/16 @ 09:50

Environmental Contractor:	Geologist's Name:	Environmental Technician's Name:
AECOM	Chad Lee	N/A

Drilling Company:	Surface Thickness (inches):	Borehole Diameter (inches):	Borehole Depth (feet):
Cascade Dilling	Grass	6	100

Drilling Method(s):	Apparent Borehole DTW (in feet using soil moisture content):	Measured Well DTW (in feet after water recharges in well):
PH/SC	4' bls	See development log

Disposition of Drill Cuttings: Placed into 55-gallon steel drums and stored on-site for disposal.

Borehole Completion: AF Gravels Monitoring Well MW-185R

Sample Type	Sample Depth Interval (feet)	Sample Recovery	Depth (feet)	Sample Description (include Munsell color/text, grain size and relative percents based on USCS, grading, relative density (non-cohesive) and consistency/plasticity (cohesive), Dunham's classification, HCl reaction for limestone vs. dolostone, minerology/bedding, and additional notes such as contacts)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
PH	0-5	60	1	0-1: very dark brown (10YR 2/2) poorly graded, fine sand, loose to moderately dense	SP	M	
			2	1-5: same as above (SAA) but dark grayish brown (10YR 4/2) and moderately dense (saturated @ 4' bls)	SP	M-S	
			3				
			4				
			5				
SC	5-10	60	6	5-7: SAA but pale brown (10YR 6/3)	SP	S	
			7				
			8	7-11: SAA but light gray (10YR 7/2)	SP	S	
			9				
			10				
SC	10-20	90	11				
			12	11-16: very dark gray (10YR 3/1) poorly graded, fine sand with clay, moderately dense	SP-SC	S	

Sample Type Codes: **HA** = Hand Auger; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **HSA** = Hollow Stem Auger; **SSA**; Solid Stem Auger

Sample Desciption Codes: **NS** = No Sample Collected

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number:	Site Name:	Property Description/Address:	AECOM
MW-185R	Tallevast	Tallevast Road ROW	

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	Depth (feet)	Sample Description (include Munsell color/text, grain size and relative percents based on USCS, grading, relative density (non-cohesive) and consistency/plasticity (cohesive), Dunham's classification, HCl reaction for limestone vs. dolostone, minerology/bedding, and additional notes such as contacts)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
			13				
			14				
			15				
			16				
			17	16-18.5: grayish brown (10YR 5/2) poorly graded, clayey sand, moderately dense	SC	S	
			18				
			19	18.5-29: light gray (10YR 5/2) poorly graded, clayey gravel w/ sand (fragmented limestone) mixed with a few clay layers, non-plastic, very dense	GC-CL	W-M	
			20				
SC	20-30	120	21				
			22				
			23				
			24				
			25				
			26				
			27				
			28				
			29				
			30	29--33: dark greenish gray (10GY 4/1) clay, low to medium pasticity, very dense	CL	M	

Sample Type Codes: **HA** = Hand Auger; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **HSA** = Hollow Stem Auger; **SSA**; Solid Stem Auger

Sample Desciption Codes: **NS** = No Sample Collected

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number:	Site Name:	Property Description/Address:	AECOM
MW-185R	Tallevast	Tallevast Road ROW	

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	Depth (feet)	Sample Description (include Munsell color/text, grain size and relative percents based on USCS, grading, relative density (non-cohesive) and consistency/plasticity (cohesive), Dunham's classification, HCl reaction for limestone vs. dolostone, minerology/bedding, and additional notes such as contacts)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
SC	30-40	113	31				
			32				
			33				
			34	33-34.5: light greenish gray (10Y 7/1) poorly graded, clayey gravel, very dense	GC	W	
			35	34.5-38: greenish gray (10Y 5/1) clay, low-medium plasticity, dense	CL	M	
			36				
			37				
			38				
			39	38-40: light greenish gray (10Y 7/1) poorly graded, clayey gravel, dense	GC	D	
			40				
SC	40-50	120	41	40-50: greenish gray (10Y 6/1) clay, low plasticity, dense, laminations throughout	CL	M	
			42				
			43				
			44				
			45				
			46				
			47				
			48				

Sample Type Codes: **HA** = Hand Auger; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **HSA** = Hollow Stem Auger; **SSA**; Solid Stem Auger

Sample Desciption Codes: **NS** = No Sample Collected

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number:	Site Name:	Property Description/Address:	AECOM
MW-185R	Tallevast	Tallevast Road ROW	

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	Depth (feet)	Sample Description (include Munsell color/text, grain size and relative percents based on USCS, grading, relative density (non-cohesive) and consistency/plasticity (cohesive), Dunham's classification, HCl reaction for limestone vs. dolostone, minerology/bedding, and additional notes such as contacts)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
			49				
			50				
SC	50-60	120	51	50-56: SAA but greenish gray (10Y 5/1)	CL	M	
			52				
			53				
			54				
			55				
			56				
			57	56-71: pale yellow (5Y 8/2) poorly graded, clayey gravel, very dense, (fragmented limestone - mudstone)	GC-CL	M-D	
			58				
			59				
			60				
SC	60-70	120	61				
			62				
			63				
			64				
			65				
			66				

Sample Type Codes: **HA** = Hand Auger; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **HSA** = Hollow Stem Auger; **SSA**; Solid Stem Auger

Sample Desciption Codes:

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number:	Site Name:	Property Description/Address:	AECOM
MW-185R	Tallevast	Tallevast Road ROW	

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	Depth (feet)	Sample Description (include Munsell color/text, grain size and relative percents based on USCS, grading, relative denisty (non-cohesive) and consitency/plasticity (cohesive), Dunham's classification, HCl reaction for limestone vs. dolostone, mineralogy/bedding. and additional notes such as contacts)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
			67				
			68				
			69				
			70				
SC	70-80	120	71				
			72	71-73: white (5Y 8/1) poorly graded, clayey gravel, very dense, (limestone fragements - mudstone)	GC	M-D	
			73				
			74	73-79.5: white (5Y 8/1) clay with a trace of gravel and chert fragments, non-plastic, brittle	CL	M-D	
			75				
			76				
			77				
			78				
			79				
			80	79.5-83: light greenish gray (10Y 8/1) clay, low plasticity, dense	CL	M	
SC	80-90	120	81				
			82				
			83				
			84	83-84: light greenish gray (10Y 8/1) clay, non-plastic, dense, brittle	CL	D	

Sample Type Codes: **HA** = Hand Auger; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **HSA** = Hollow Stem Auger; **SSA**; Solid Stem Auger

Sample Desciption Codes:

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number:	Site Name:	Property Description/Address:	AECOM
MW-185R	Tallevast	Tallevast Road ROW	

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	Depth (feet)	Sample Description (include Munsell color/text, grain size and relative percents based on USCS, grading, relative denisty (non-cohesive) and consitency/plasticity (cohesive), Dunham's classification, HCl reaction for limestone vs. dolostone, mineralogy/bedding. and additional notes such as contacts)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
			85	84-89.5: greenish gray (5GY 5/1) clay, low plasticity, dense	CL	M	
			86				
			87				
			88				
			89				
			90	89.5-98: light gray (N 7/1) poorly graded, clayey gravel, very dense (fragmented limestone - mudstone)	GC	M-W	
SC	90-100	120	91				
			92				
			93				
			94				
			95				
			96				
			97				
			98				
			99	98-100: light greenish gray (10Y 7/1) clay, non-plastic, brittle, dense	CL	M	
			100				
			101				
			102				

Sample Type Codes: **HA** = Hand Auger; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **HSA** = Hollow Stem Auger; **SSA**; Solid Stem Auger

Sample Desciption Codes:

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

Lockheed Martin - Tallevast Site

WELL CONSTRUCTION LOG

WELL CONSTRUCTION DATA

Well Number:	Site Name:	Property Description/Address:	Well Install Date(s):
MW-185R	LMC Tallevast Facility	Tallevast ROW (south)	07/22/16

Well Location and Type (check appropriate boxes):
- ☐ On-Site ☑ Right-of-Way
- ☑ Off-Site Private Property
- ☐ Above Grade (AG) ☑ Flush-to-Grade

If AG, list feet of riser above land surface: NA

Well Purpose:
- ☐ Perched Monitoring
- ☐ Shallow (Water-Table) Monitoring
- ☑ Intermediate or Deep Monitoring
- ☐ Remediation or Other

AF Gravels Monitoring Well

Well Install Method: Roto-Sonic

Surface Casing Install Method: NA

Borehole Depth (feet):	Well Depth (feet):	Borehole Diameter (inches):	Manhole Diameter (inches):	Well Pad Size:
100	100	10	8	2 feet by 2 feet

Riser Diameter and Material:	Riser/Screen Connections:	Riser Length:
2-inch SCH 40 PVC	☑ Flush-Threaded ☐ Other	90 feet from 0 feet to 90 feet

Screen Diameter and Material:	Screen Slot Size:	Screen Length:
2-inch SCH 40 PVC Prepacked	0.010	10 feet from 90 feet to 100 feet

1st Surface Casing Material: also check: ☐ Permanent ☐ Temporary	1st Surface Casing I.D. (inches):	1st Surface Casing Length: ____ feet from 0 feet to ____ feet
2nd Surface Casing Material: also check: ☐ Permanent ☐ Temporary	2nd Surface Casing I.D. (inches):	2nd Surface Casing Length: ____ feet from 0 feet to ____ feet
3rd Surface Casing Material: also check: ☐ Permanent ☐ Temporary	3rd Surface Casing I.D. (inches):	3rd Surface Casing Length: ____ feet from 0 feet to ____ feet

Filter Pack Material and Size:	Prepacked Filter Around Screen (check one):	Filter Pack Length:
20/30 Sand	☐ Yes ☑ No	12 feet from 88 feet to 100 feet

Filter Pack Seal Material and Size:	Filter Pack Seal Length:
Betonite Pellets	4 feet from 84 feet to 88 feet

Surface Seal Material:	Surface Seal Length:
Portland Cement	84 feet from 0 feet to 84 feet

WELL CONSTRUCTION REMARKS

AECOM

Lockheed Martin - Tallevast Site

WELL DEVELOPMENT LOG

WELL DEVELOPMENT DATA

Well Number:	Site Name:	Property Description/Address:	Well Development Date(s):
MW-185R	Tallevast Site	Tallevast ROW (south)	07/22/16

Total Well Depth: Initial: 99.12' Final: ~~99.52~~ 99.52

Well Development Method (check one): ☐ Surge/Pump ☒ Pump ☐ Compressed Air ☐ Other (describe)

Development Pump Type (check): ☐ Centrifugal ☐ Peristaltic ☒ Submersible ☐ Other (describe)

1 Borehole Volume = [(TBD - FPD) x Filter Pack Capacity] + [(FPD - SDTW) x Casing Capacity]

1 Borehole Volume = [(100 - 88) x 1.47] + [(88 - 20.98) x 0.16]

1 Borehole Volume = [17.64] + [10.72] = 28.36

3 Borehole Volumes = 85.08

Capacity (gallons/foot): 1" = 0.04 2" = 0.16 4" = 0.65 6" = 1.47 8" = 2.62 10" = 4.08 12" = 5.88

Depth to Groundwater before start of Development (feet): 20.98 BLS

Pump Start: 15:58

Pump Stop: 16:30

Water Appearance - Color & Odor (before start of development): Light brown / None

Date	Time	Vol. Purged (gal.)	Pump Rate (gpm)	Depth to Water (feet)	pH	Temp. (°C)	Cond. (µS/cm)	Turbidity (NTUs)	Water Appearance at the End of Development: Color	Water Appearance at the End of Development: Odor	Comments/ Notes
07/22/16	16:07	15	1.7	37.98	—	—	—	>1000	Lt Brown	None	
"	16:12	23	1.7	39.06	—	—	—	540	"	"	
"	16:17	32	1.7	39.12	—	—	—	192	Lt gray	None	
"	16:20	37	1.7	39.15	—	—	—	48.3	None	None	
"	16:25	46	1.7	39.18	—	—	—	28.5	None	None	
"	16:30	54	1.7	39.20	—	—	—	18.4	"	"	

Pumping Condition (check one): ☑ Continuous ☐ Intermittent

Total Development Water Removed (gallons): 54

Total Development Duration (minutes): 32

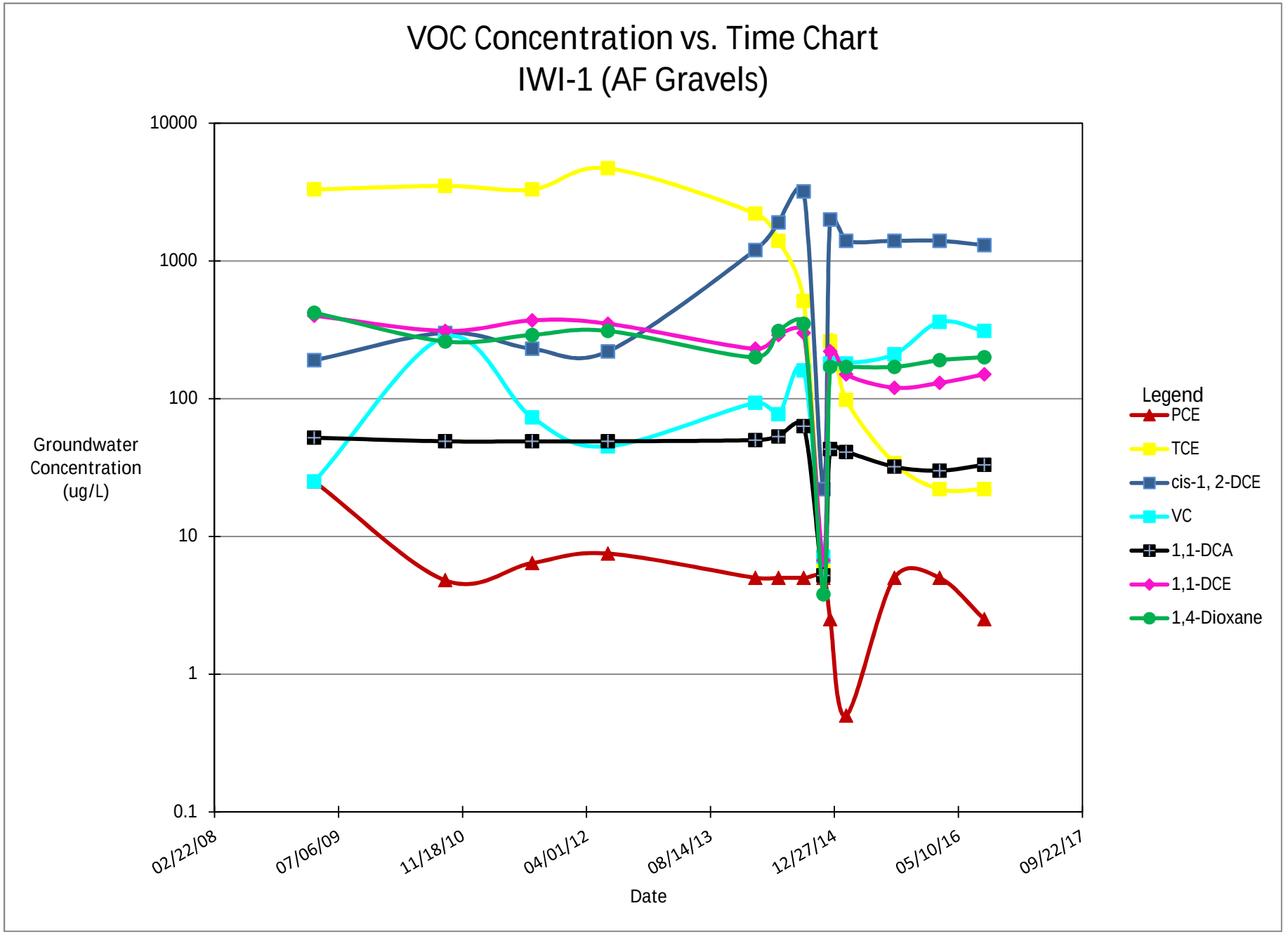
Development Water Containerized: (check one): ☒ Yes ☐ No

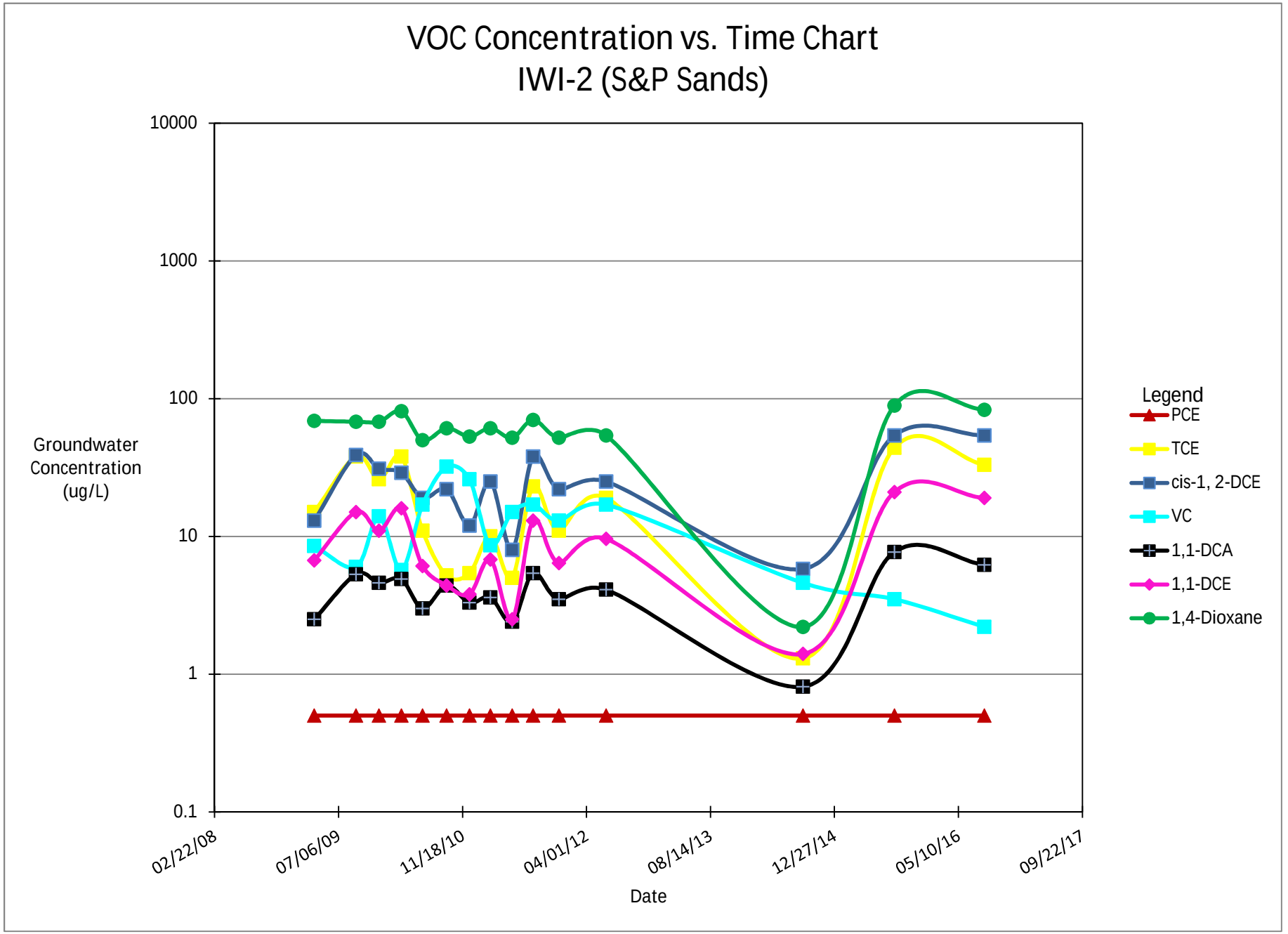
WELL DEVELOPMENT REMARKS

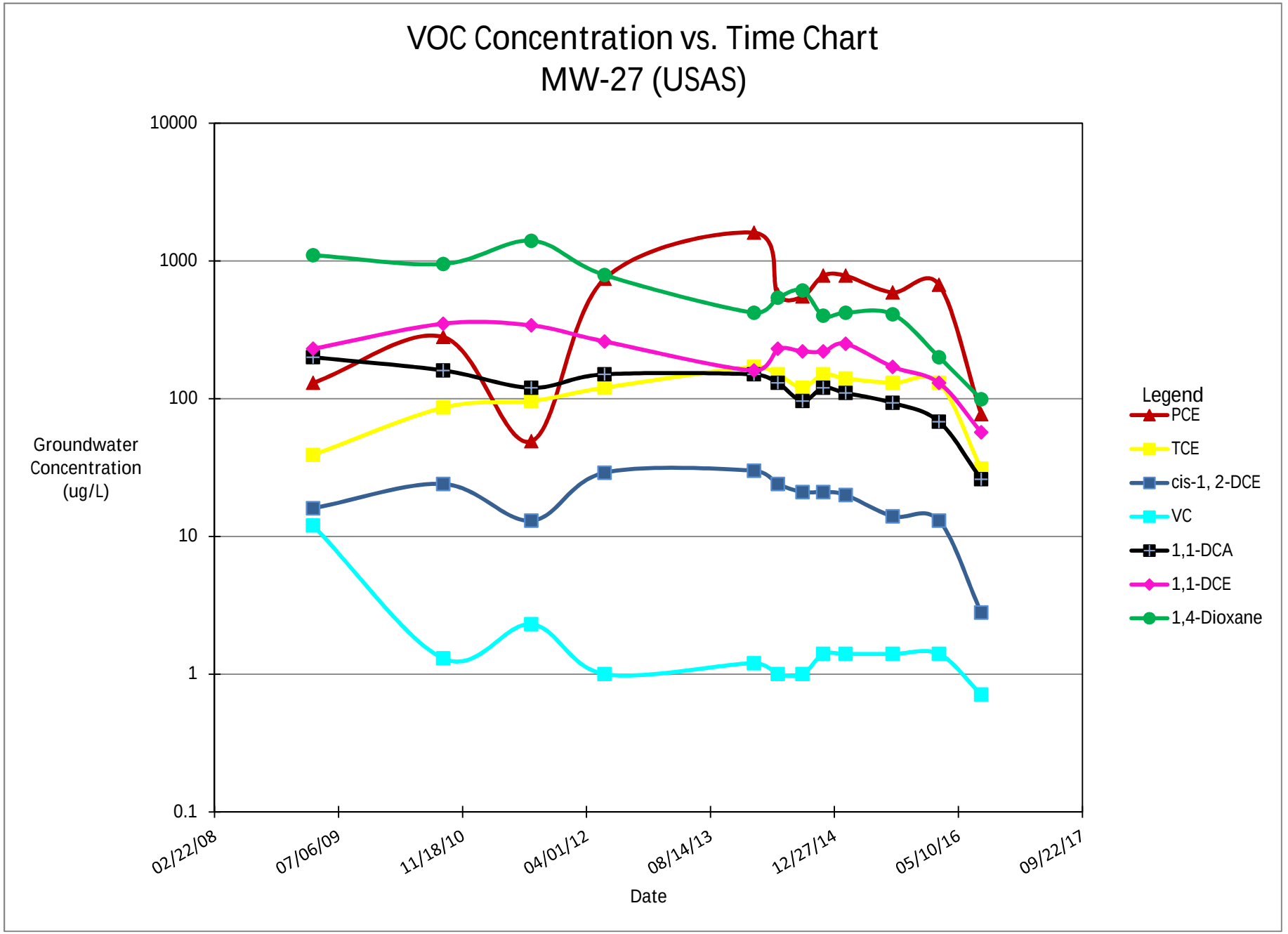
TBD = Total Borehole Depth
FPD = Top of Filter Pack Depth
SDTW = Static Depth to Water
Capacity (gallons per foot): 1" = 0.04; 2" = 0.16; 4" = 0.65; 5" = 1.02; 6" = 1.47; 8" = 2.61; 10" = 4.08; 12" = 5.88

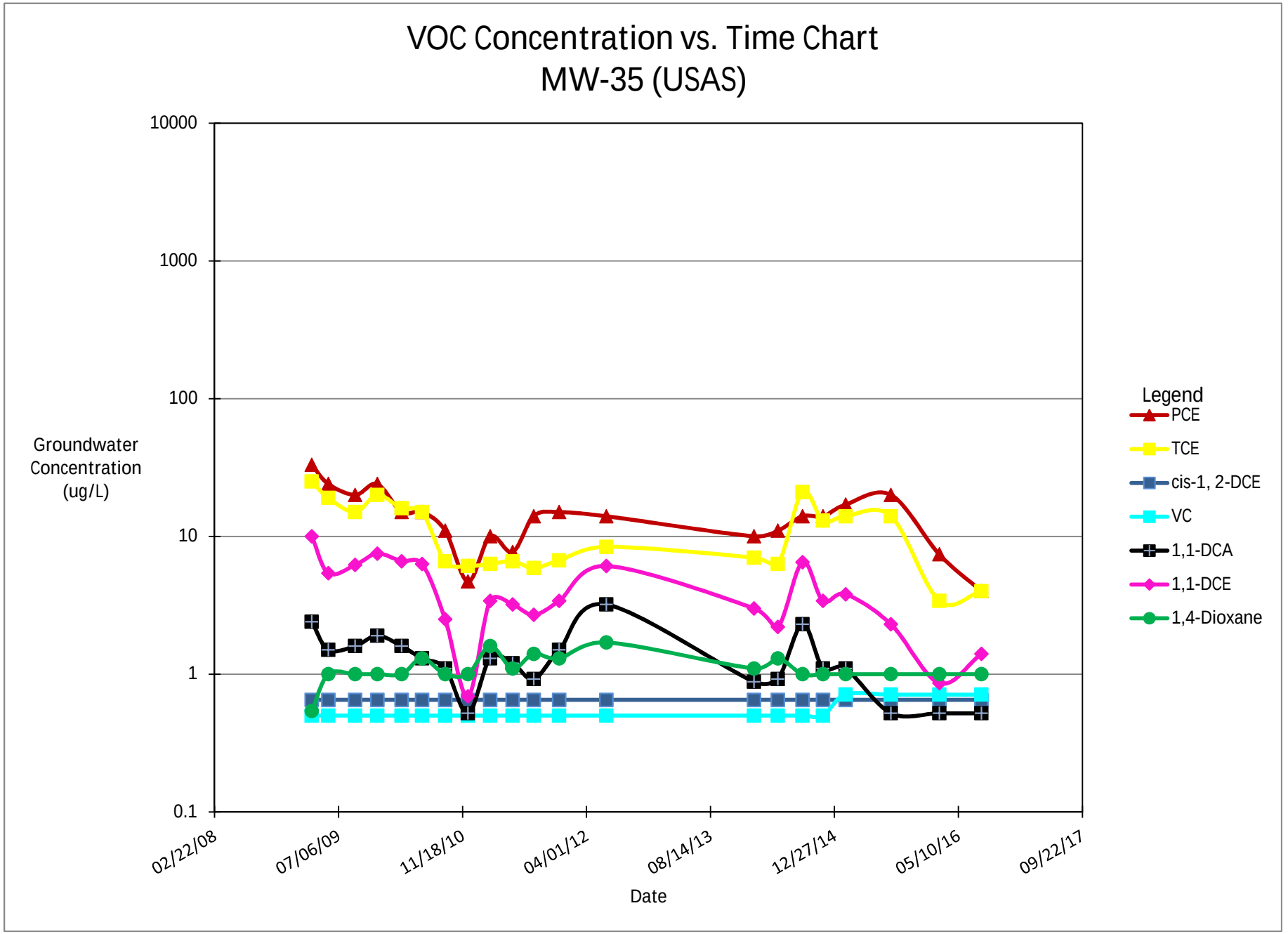
AECOM

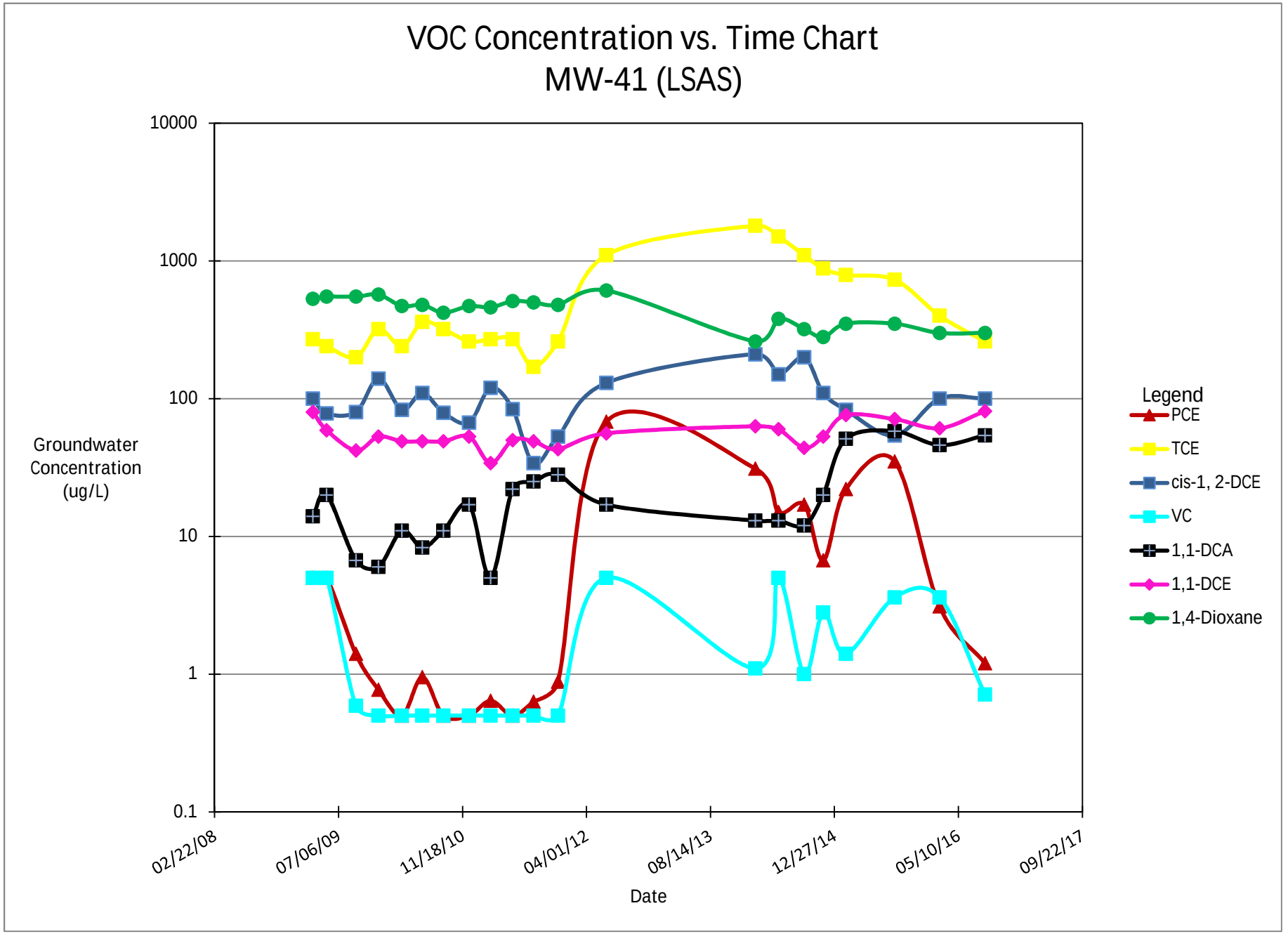
APPENDIX K – VOC CONCENTRATION VERSUS TIME CHARTS


VOC Concentration vs. Time Chart
IWI-1 (AF Gravels)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

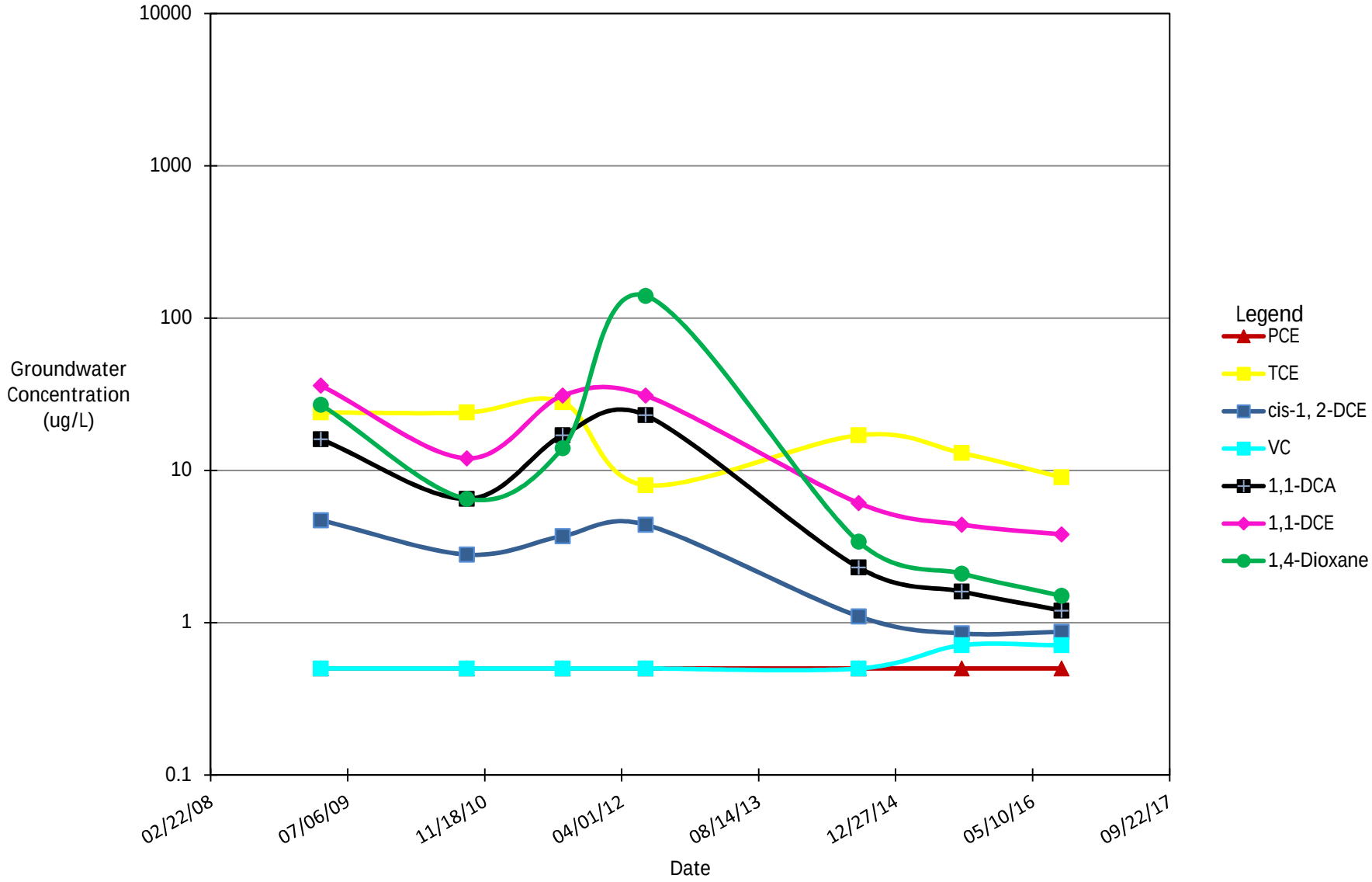

VOC Concentration vs. Time Chart
IWI-2 (S&P Sands)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

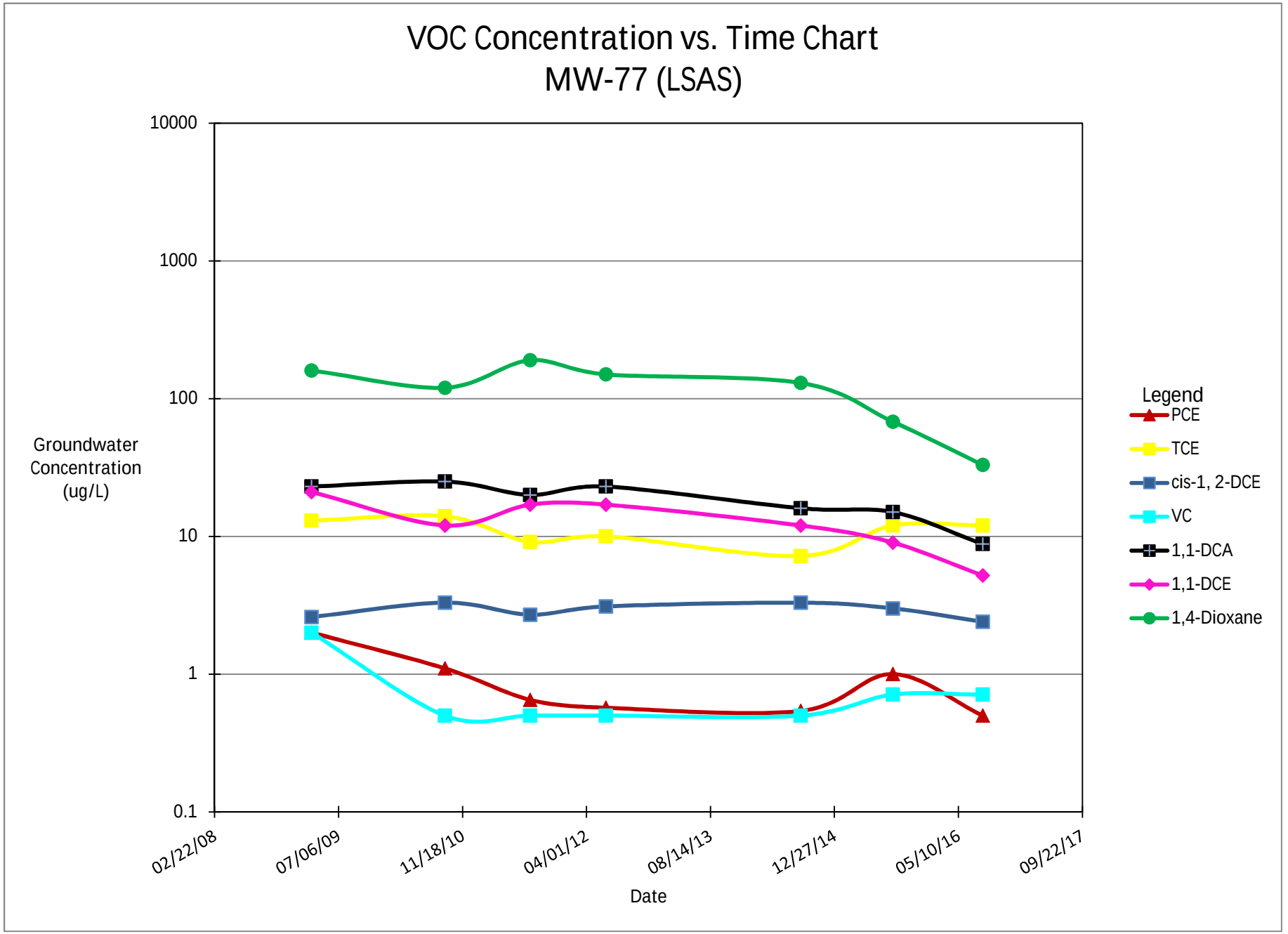

VOC Concentration vs. Time Chart
MW-27 (USAS)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

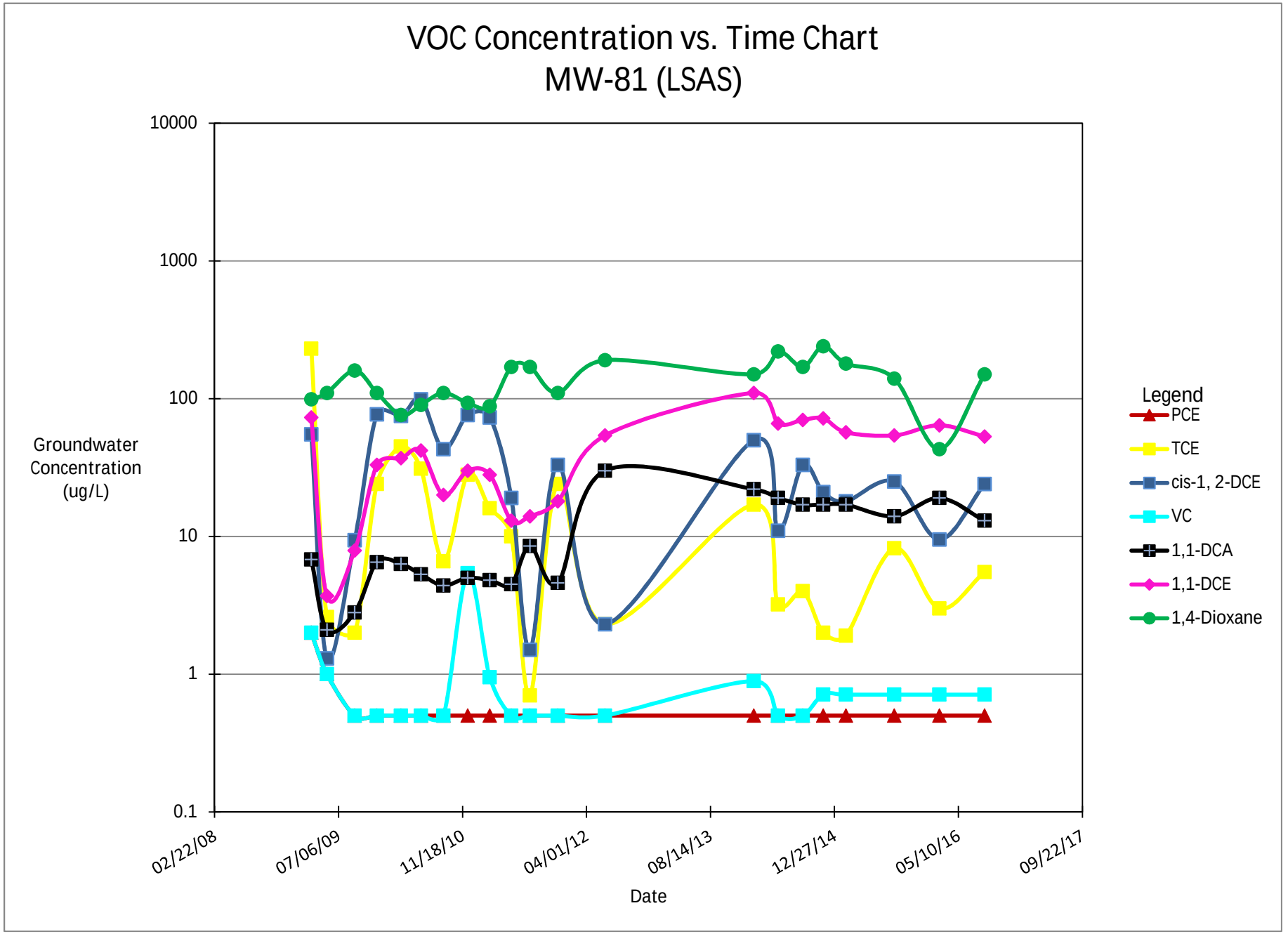

VOC Concentration vs. Time Chart
MW-35 (USAS)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

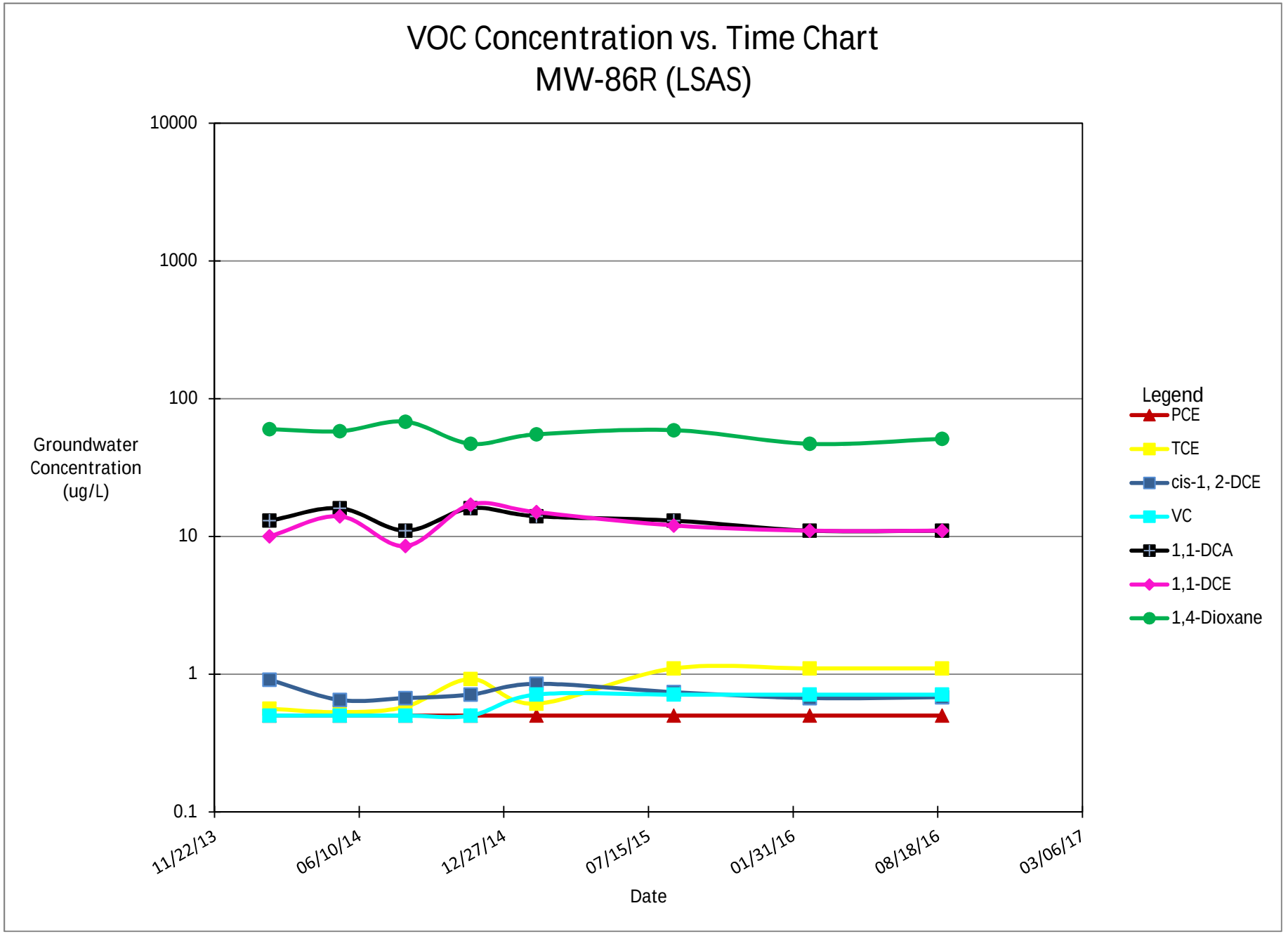

VOC Concentration vs. Time Chart
MW-41 (LSAS)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

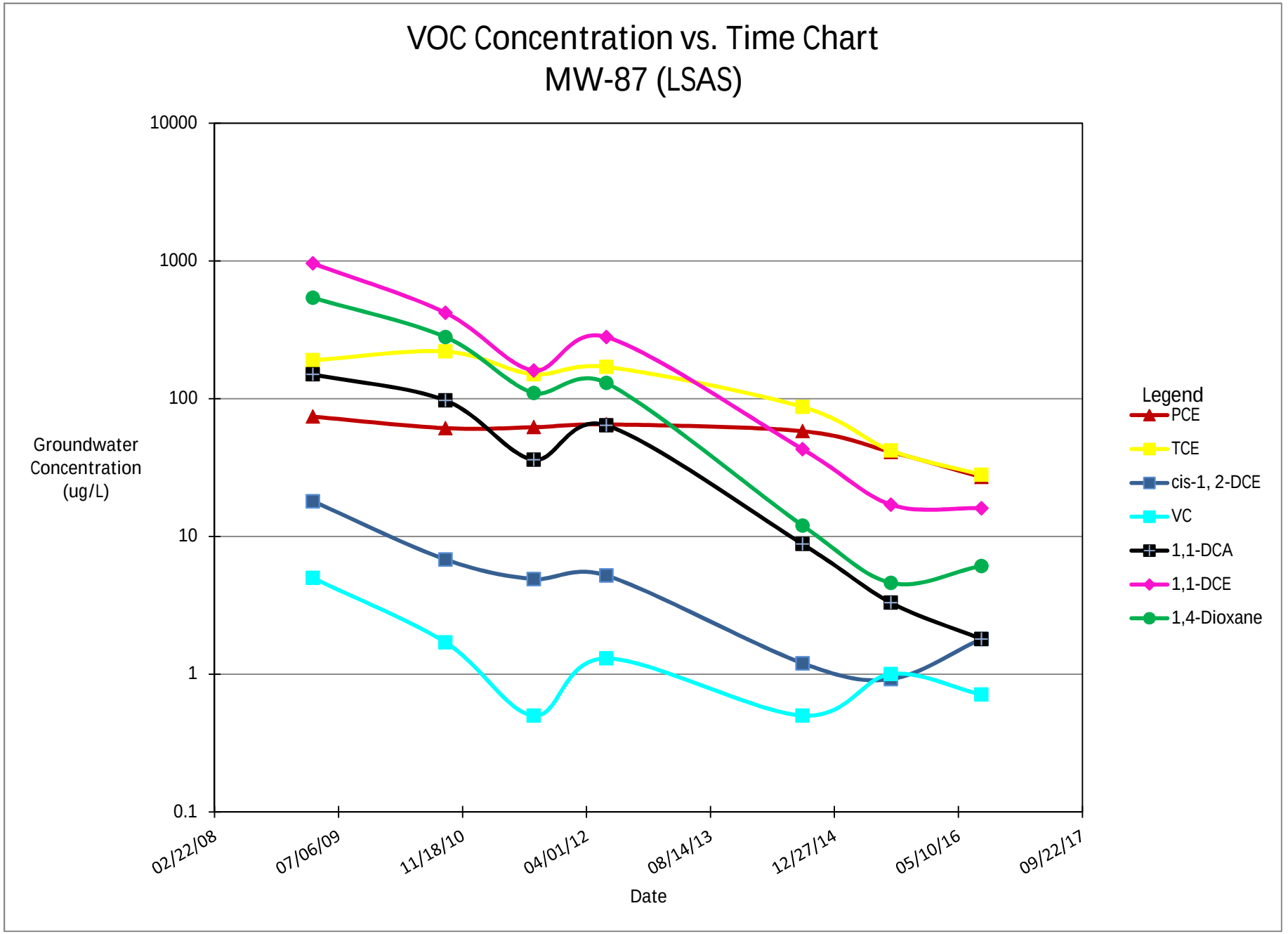
VOC Concentration vs. Time Chart
MW-67 (USAS)

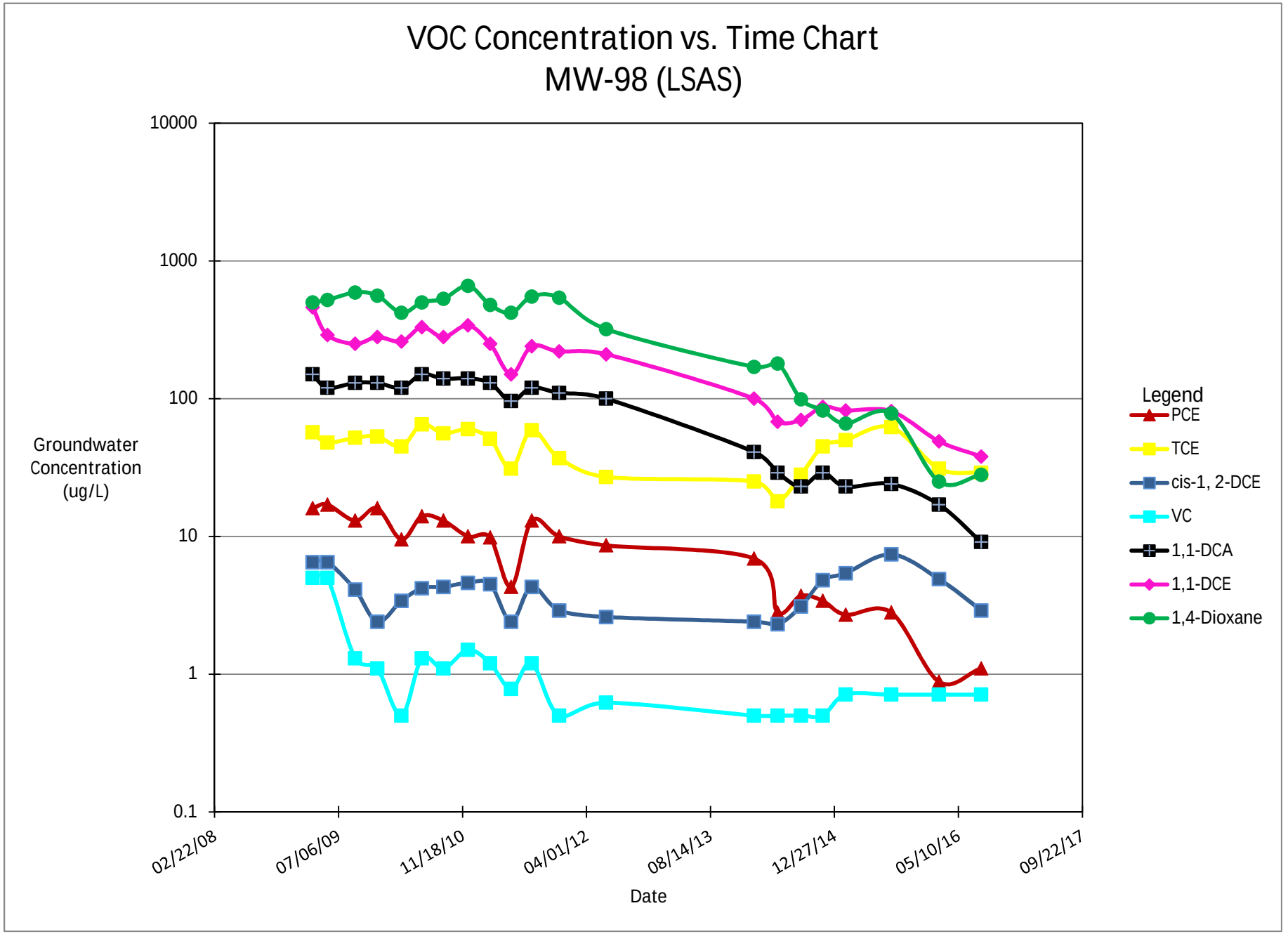


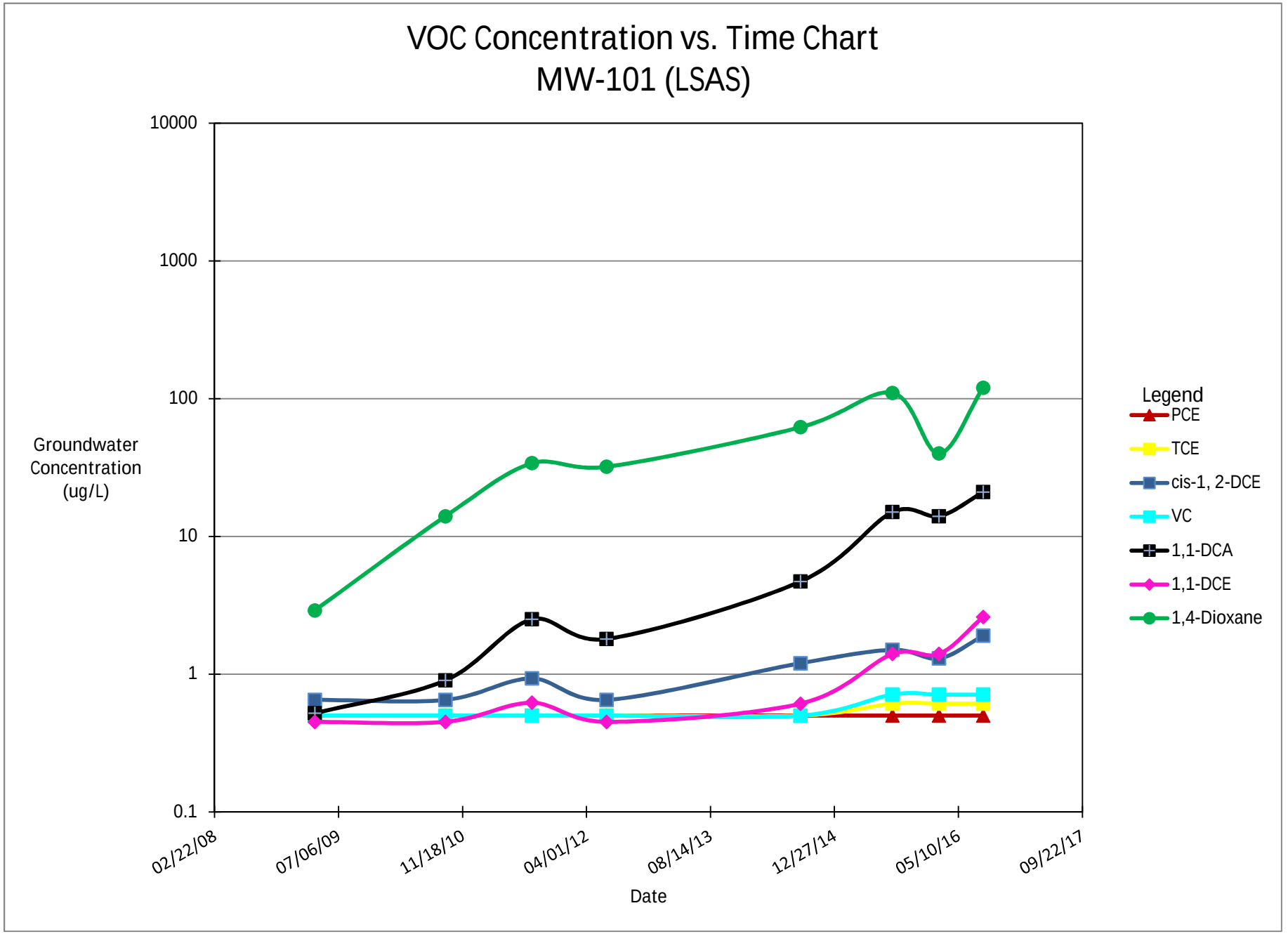

VOC Concentration vs. Time Chart
MW-77 (LSAS)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

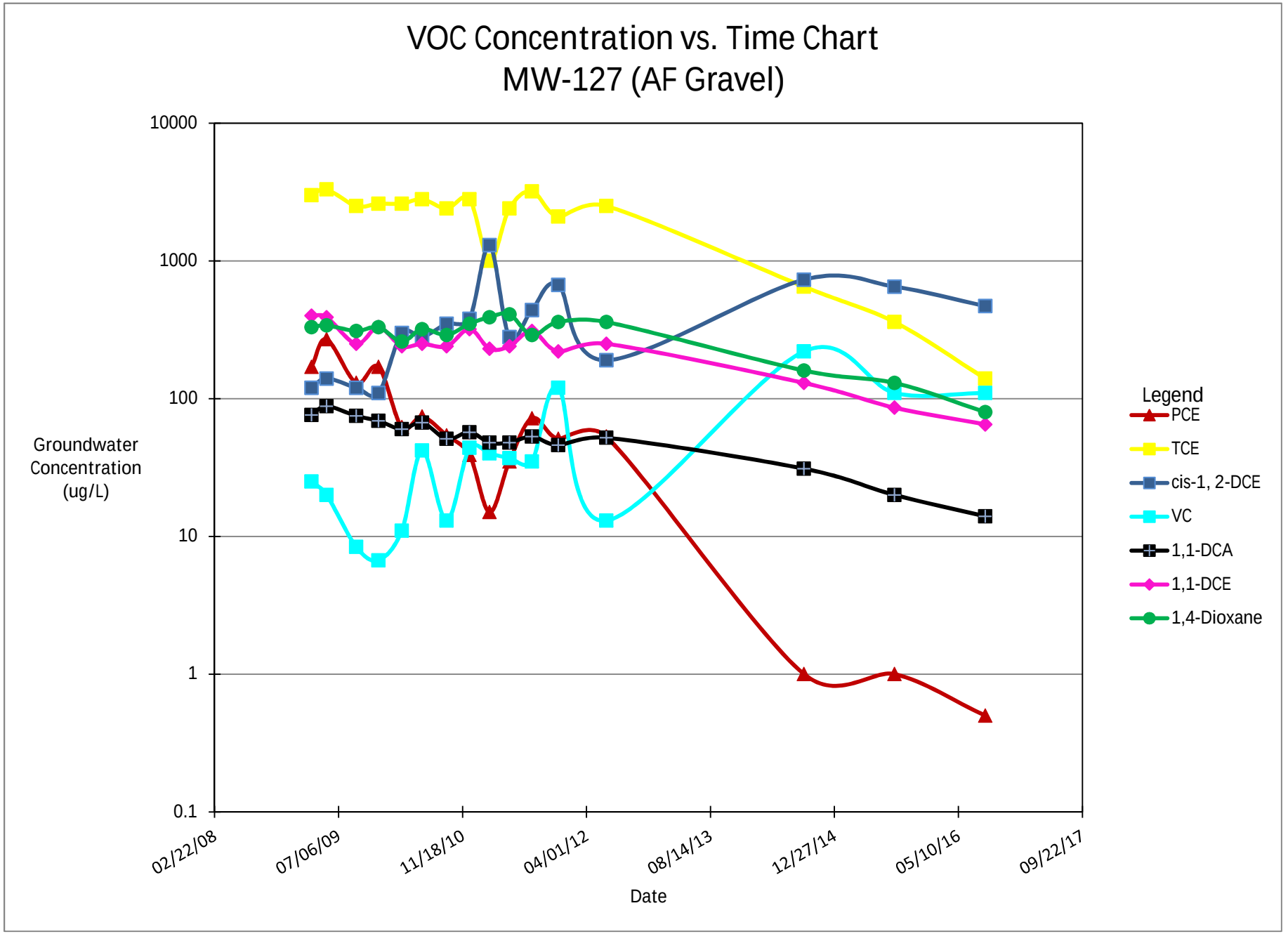

VOC Concentration vs. Time Chart
MW-81 (LSAS)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

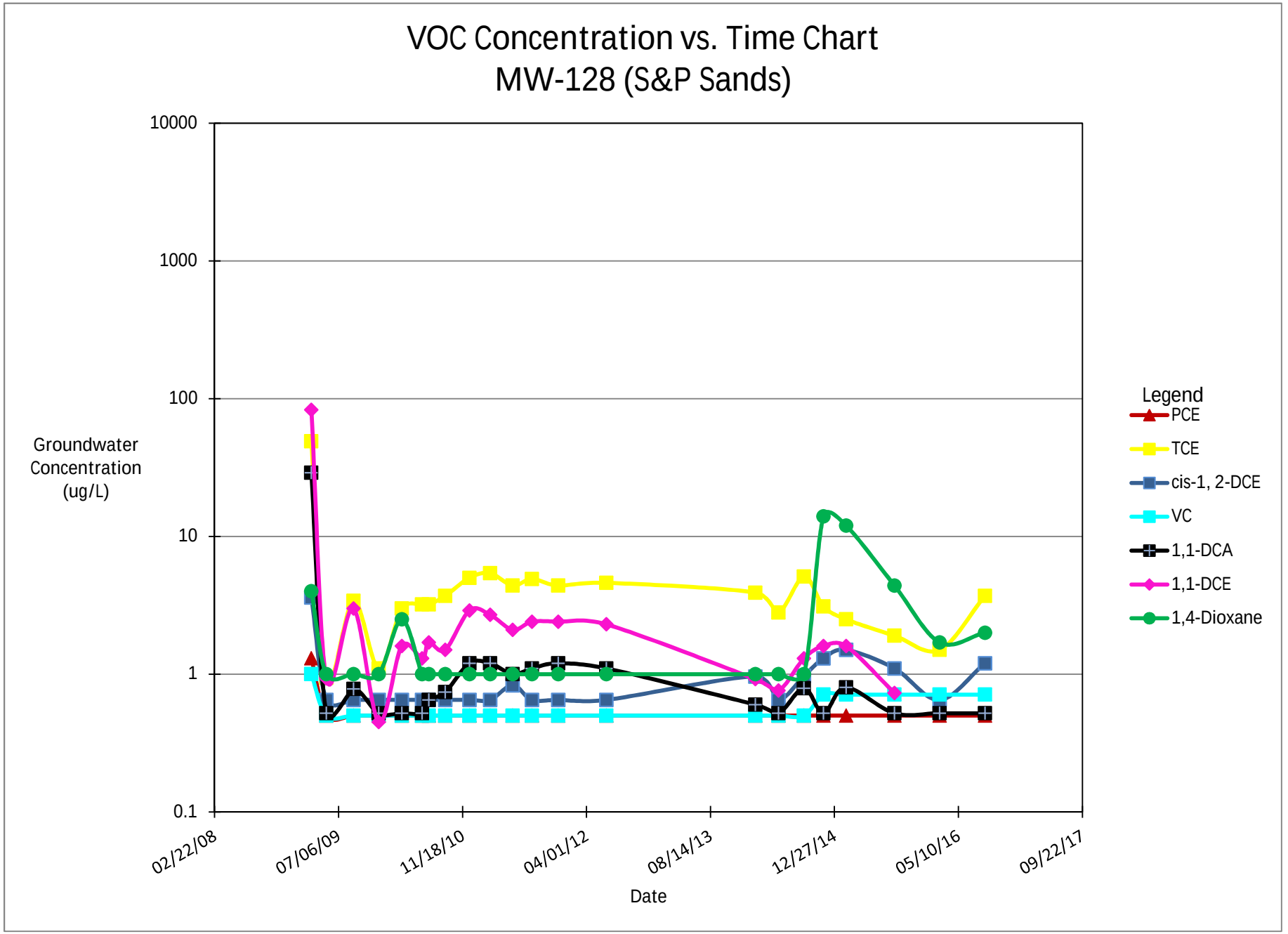

VOC Concentration vs. Time Chart
MW-86R (LSAS)
10000
1000
100
10
1
0.1
Groundwater Concentration (ug/L)
11/22/13
06/10/14
12/27/14
07/15/15
01/31/16
08/18/16
03/06/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

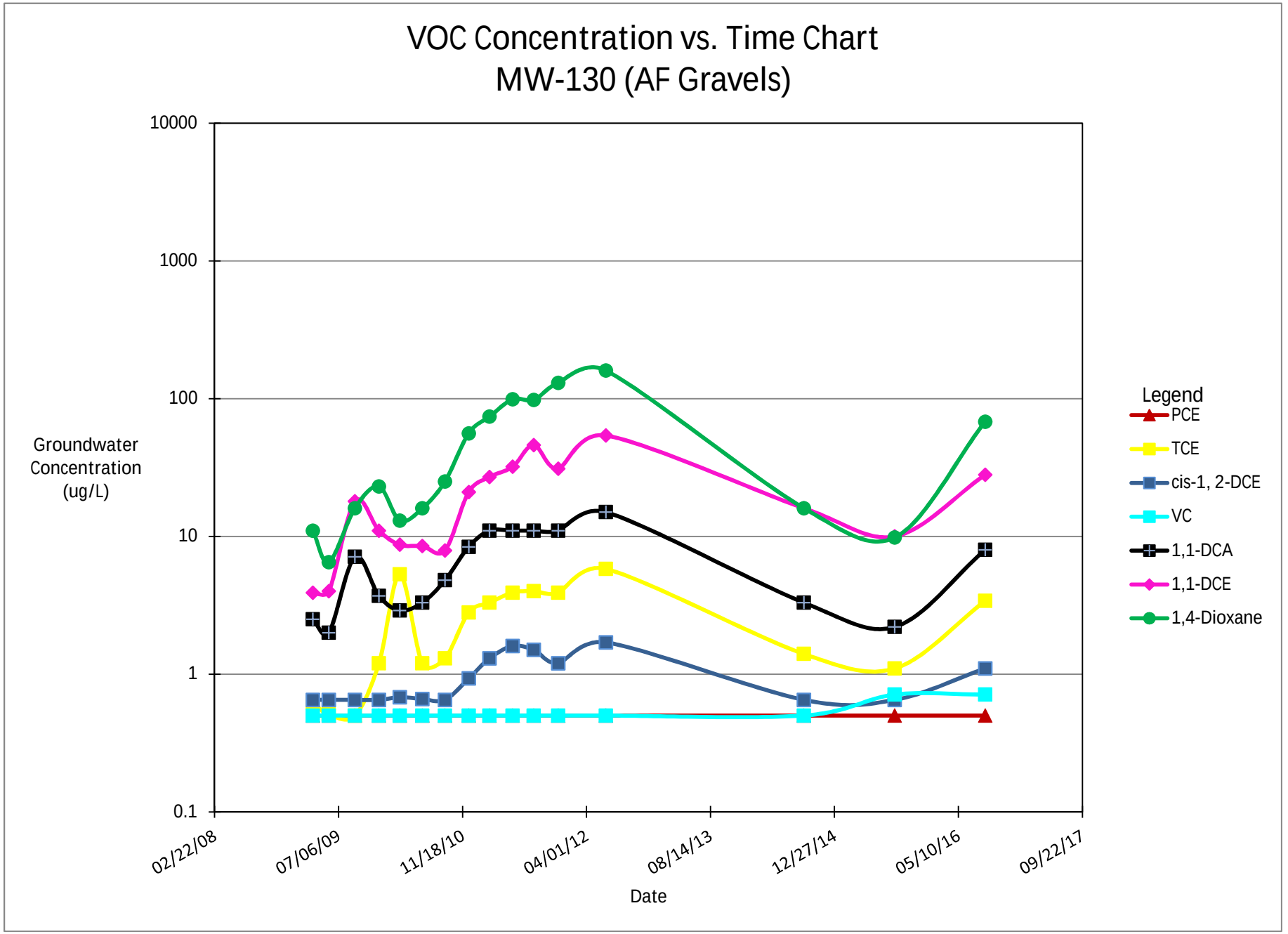

VOC Concentration vs. Time Chart
MW-87 (LSAS)
10000
1000
100
10
1
0.1
Groundwater Concentration (ug/L)
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

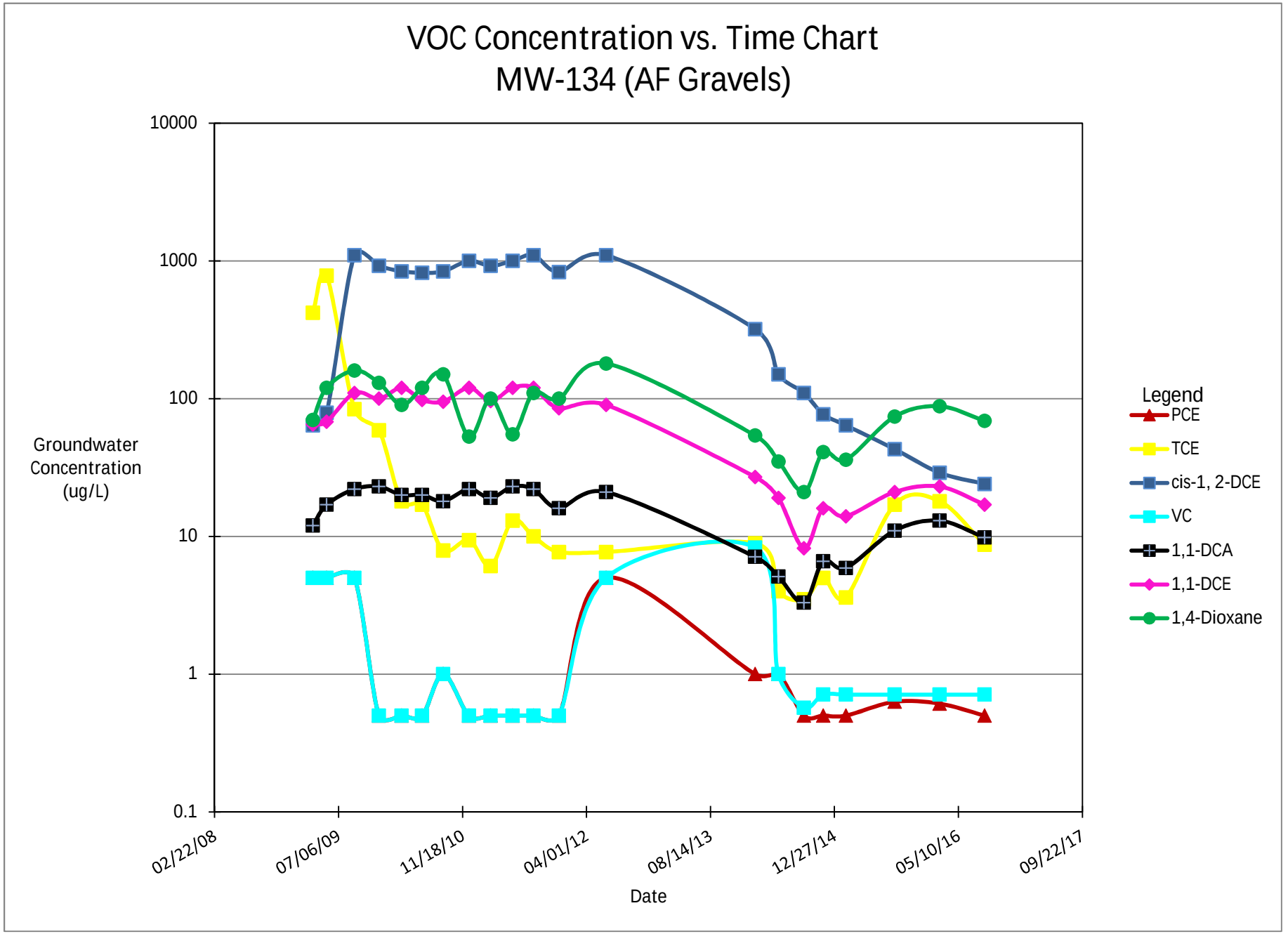

VOC Concentration vs. Time Chart
MW-98 (LSAS)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

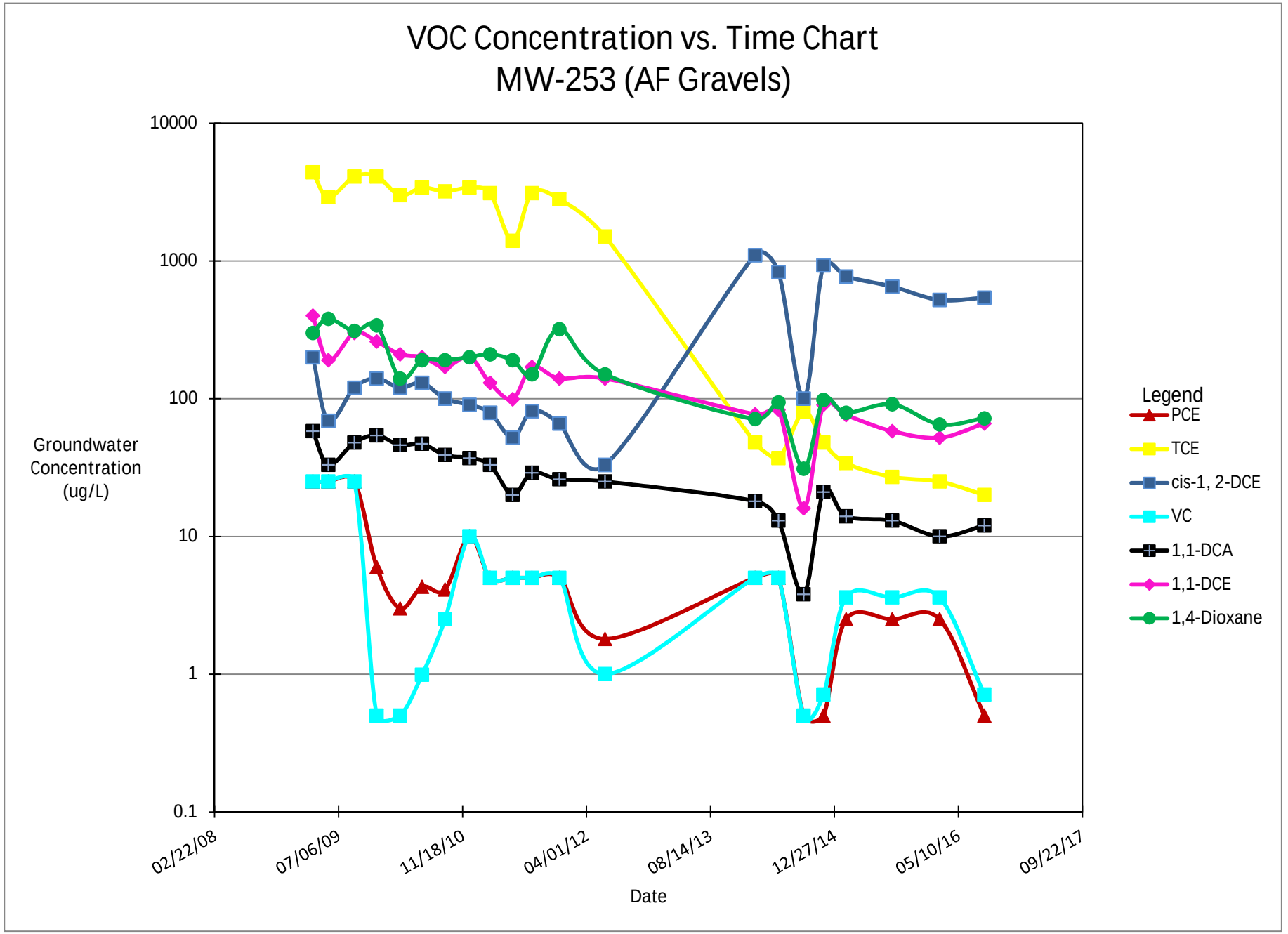

VOC Concentration vs. Time Chart
MW-101 (LSAS)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

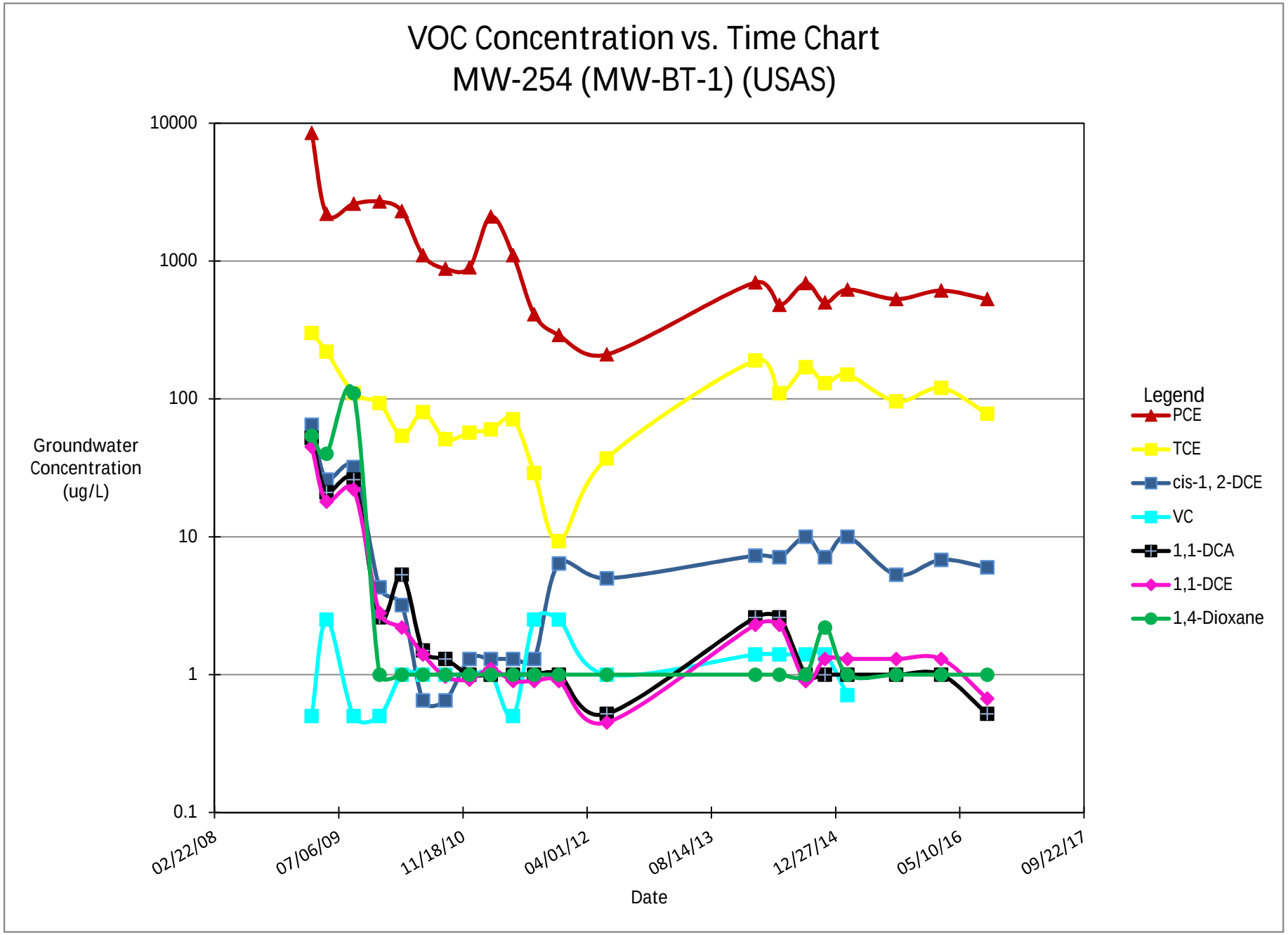

VOC Concentration vs. Time Chart
MW-127 (AF Gravel)
10000
1000
100
10
1
0.1
Groundwater Concentration (ug/L)
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

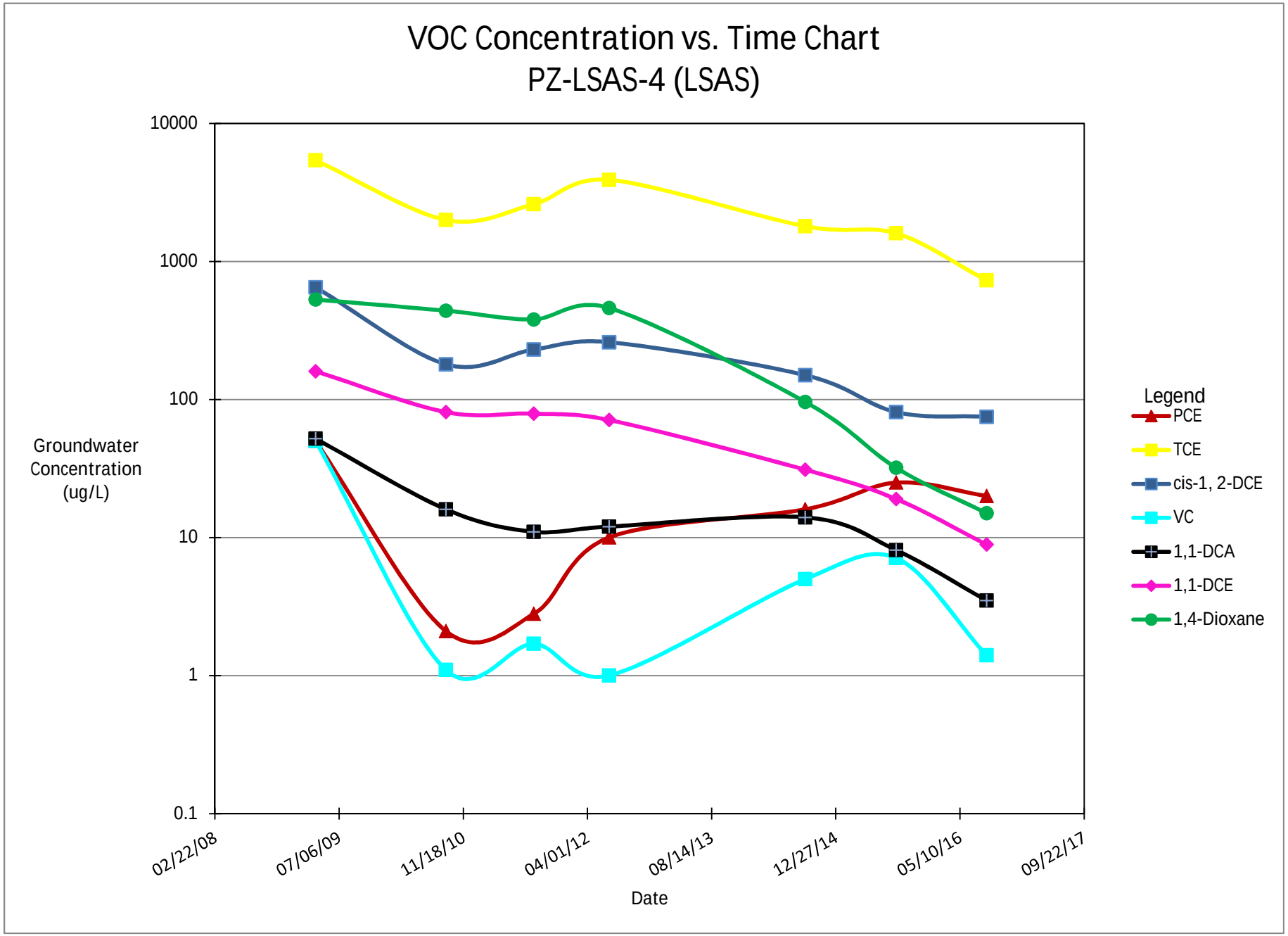

VOC Concentration vs. Time Chart
MW-128 (S&P Sands)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane


VOC Concentration vs. Time Chart
MW-130 (AF Gravels)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane


VOC Concentration vs. Time Chart
MW-134 (AF Gravels)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane


VOC Concentration vs. Time Chart
MW-253 (AF Gravels)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane


VOC Concentration vs. Time Chart
MW-254 (MW-BT-1) (USAS)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane


VOC Concentration vs. Time Chart
PZ-LSAS-4 (LSAS)
Groundwater Concentration (ug/L)
10000
1000
100
10
1
0.1
02/22/08
07/06/09
11/18/10
04/01/12
08/14/13
12/27/14
05/10/16
09/22/17
Date
Legend
PCE
TCE
cis-1, 2-DCE
VC
1,1-DCA
1,1-DCE
1,4-Dioxane

APPENDIX L – WASTE PROFILE AND ACCEPTANCE

FILTER PRESS SOLIDS AND CARBON WASTE PROFILE AND ACCEPTANCE

Disposal/Processing Facility

Waste Stream Approval Number: 8276-DC14

Clark Environmental, Inc.

755 Prairie Industrial Parkway

Mulberry, FL 33860

Permit Numbers:
38627-007-50/30
138634-004-50/27

I, James W. Clark III, an authorized representative of Clark Environmental, Inc. certify that Clark Environmental, Inc is licensed and permitted to accept the Lockheed Martin material: filter cake solids generated at 1600 Tallevast Road, Sarasota, FL 34243. Clark Environmental, Inc. will treat and/or dispose of the waste in accordance with all applicable local, state and federal laws and regulations.

Waste Facility Signature: James W. Clark III

James W. Clark III, Vice President

1-5-16

Date

Clark Environmental, Inc.
755 Prairie Industrial Pkwy.
Mulberry, Florida 33860
LOCAL 863-425-4884
TOLL-FREE 800-276-2187
FAX 863-425-2854

www.clarkenvironmental.com

Non-Hazardous WAM Approval

Requested Management Facility: Okeechobee Landfill

Profile Number: 405524FL Waste Approval Expiration Date: 01/28/2017

APPROVAL DETAILS

Approval Decision: ☑ Approved ☐ Not Approved Profile Renewal: ☐ Yes ☑ No

Management Method: Direct Landfill

Generator Name: LMC

Material Name: SPENT CARBON

Management Facility Precautions, Special Handling Procedures or Limitation on approval:

Generator Conditions

- Shall not contain free liquids.
- Waste manifest or applicable shipping document must accompany load.
- The waste profile number must appear on the shipping papers.

WM Authorization Name: John Fanning Title: Waste Approval Manager

WM Authorization Signature: Date: 01/28/2016

Agency Authorization (if Required): Date:

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-71124-1
Client Project/Site: Tallevast

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Darrin Johnson

Authorized for release by:
1/5/2016 2:43:22 PM

Haukur Gudnason, Project Manager II
(813)280-8342
haukur.gudnason@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Certification Summary 40
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Receipt Checklists 44

Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-71124-1	Spent Carbon	Solid	12/15/15 15:00	12/16/15 16:00
660-71124-2	Filter Press Solids	Solid	12/15/15 16:00	12/16/15 16:00
660-71124-3	Trip Blank	Water	12/15/15 00:00	12/16/15 16:00

Job ID: 660-71124-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-71124-1

Comments
No additional comments.

Receipt
The samples were received on 12/16/2015 4:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.6º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) for batch 164968 recovered outside control limits for the following analyte: hexachlorobutadiene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: Both low level analysis had internal standard failures; therefore, sample was taken from an alternate container and analyzed. Batch 164968.
Spent Carbon (660-71124-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method(s) 1311: EPA Method 1311 requires the room temperature to be maintained at 23 +/- 2 degrees Celsius for the duration of the leaching process. For batch 415744 the temperature was outside of this range. As a result, the test was not fully compliant with the requirements of 40 CFR Part 261. MIN:23.6 MAX:25.6

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Client Sample ID: Spent Carbon — Lab Sample ID: 660-71124-1

No Detections.

Client Sample ID: Filter Press Solids — Lab Sample ID: 660-71124-2

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 660-71124-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: Spent Carbon
Date Collected: 12/15/15 15:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-1
Matrix: Solid
Percent Solids: 57.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,1,1-Trichloroethane	15	U	36	15	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,1,2,2-Tetrachloroethane	24	U	36	24	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,1,2-Trichloroethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,1-Dichloroethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,1-Dichloroethene	16	U	36	16	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,1-Dichloropropene	14	U	36	14	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2,3-Trichlorobenzene	17	U	36	17	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2,3-Trichloropropane	22	U	36	22	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2,4-Trichlorobenzene	18	U J3	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2,4-Trimethylbenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2-Dibromo-3-Chloropropane	26	U	72	26	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2-Dichlorobenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2-Dichloroethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,2-Dichloropropane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,3,5-Trimethylbenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,3-Dichlorobenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,3-Dichloropropane	14	U	36	14	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
1,4-Dichlorobenzene	18	U J3	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
2,2-Dichloropropane	14	U	36	14	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
2-Chlorotoluene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
2-Hexanone	170	U	180	170	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
4-Chlorotoluene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
4-Isopropyltoluene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Acetone	190	U	360	190	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Benzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Bromobenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Bromoform	15	U	36	15	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Bromomethane	26	U	72	26	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Carbon disulfide	36	U	72	36	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Carbon tetrachloride	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Chlorobenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Chlorobromomethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Chlorodibromomethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Chloroethane	16	U	72	16	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Chloroform	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Chloromethane	18	U	72	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
cis-1,2-Dichloroethene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
cis-1,3-Dichloropropene	14	U	36	14	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Dibromomethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Dichlorobromomethane	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Dichlorodifluoromethane	17	U	72	17	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Ethylbenzene	14	U	36	14	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Ethylene Dibromide	10	U	36	10	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Hexachlorobutadiene	18	U J3	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Isopropylbenzene	27	U	36	27	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
m-Xylene & p-Xylene	22	U	72	22	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
2-Butanone (MEK)	47	U	180	47	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
4-Methyl-2-pentanone (MIBK)	79	U	180	79	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1

Client Sample ID: Spent Carbon

Date Collected: 12/15/15 15:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-1
Matrix: Solid
Percent Solids: 57.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	36	U	72	36	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Methylene Chloride	29	U	36	29	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
n-Butylbenzene	15	U	36	15	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
N-Propylbenzene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Naphthalene	24	U J3	36	24	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
o-Xylene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
sec-Butylbenzene	17	U	36	17	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Styrene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
tert-Butylbenzene	14	U	36	14	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Tetrachloroethene	22	U	36	22	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Toluene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
trans-1,2-Dichloroethene	18	U	36	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
trans-1,3-Dichloropropene	15	U	36	15	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Trichloroethene	16	U	36	16	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Trichlorofluoromethane	20	U	72	20	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1
Vinyl chloride	18	U	72	18	ug/Kg	☼	12/28/15 10:30	12/28/15 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*69 - 130*	*12/28/15 10:30*	*12/28/15 10:43*	*1*
Dibromofluoromethane	*100*		*63 - 139*	*12/28/15 10:30*	*12/28/15 10:43*	*1*
Toluene-d8 (Surr)	*94*		*67 - 138*	*12/28/15 10:30*	*12/28/15 10:43*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0050	U	0.010	0.0050	mg/L			12/23/15 15:11	10
Carbon tetrachloride	0.0043	U	0.010	0.0043	mg/L			12/23/15 15:11	10
Chlorobenzene	0.0063	U	0.010	0.0063	mg/L			12/23/15 15:11	10
Chloroform	0.0090	U	0.010	0.0090	mg/L			12/23/15 15:11	10
1,4-Dichlorobenzene	0.0060	U	0.010	0.0060	mg/L			12/23/15 15:11	10
1,2-Dichloroethane	0.0057	U	0.010	0.0057	mg/L			12/23/15 15:11	10
1,1-Dichloroethene	0.0067	U	0.010	0.0067	mg/L			12/23/15 15:11	10
2-Butanone (MEK)	0.084	U	0.10	0.084	mg/L			12/23/15 15:11	10
Trichloroethene	0.0061	U	0.010	0.0061	mg/L			12/23/15 15:11	10
Tetrachloroethene	0.0050	U	0.010	0.0050	mg/L			12/23/15 15:11	10
Vinyl chloride	0.0071	U	0.010	0.0071	mg/L			12/23/15 15:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*12/23/15 15:11*	*10*
Dibromofluoromethane	*111*		*70 - 130*		*12/23/15 15:11*	*10*
Toluene-d8 (Surr)	*107*		*70 - 130*		*12/23/15 15:11*	*10*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
Hexachlorobenzene	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
Hexachlorobutadiene	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
Hexachloroethane	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
2-Methylphenol	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
3 & 4 Methylphenol	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
Nitrobenzene	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1

Client Sample ID: Spent Carbon

Lab Sample ID: 660-71124-1
Date Collected: 12/15/15 15:00
Matrix: Solid
Date Received: 12/16/15 16:00
Percent Solids: 57.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	0.25	U	0.25	0.25	mg/L		12/24/15 16:14	01/04/16 02:15	1
Pyridine	0.25	U	0.25	0.25	mg/L		12/24/15 16:14	01/04/16 02:15	1
2,4,5-Trichlorophenol	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1
2,4,6-Trichlorophenol	0.049	U	0.049	0.049	mg/L		12/24/15 16:14	01/04/16 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*53*		*38 - 130*	*12/24/15 16:14*	*01/04/16 02:15*	*1*
2-Fluorophenol	*44*		*25 - 130*	*12/24/15 16:14*	*01/04/16 02:15*	*1*
Nitrobenzene-d5	*52*		*39 - 130*	*12/24/15 16:14*	*01/04/16 02:15*	*1*
Phenol-d5	*46*		*25 - 130*	*12/24/15 16:14*	*01/04/16 02:15*	*1*
Terphenyl-d14	*73*		*10 - 143*	*12/24/15 16:14*	*01/04/16 02:15*	*1*
2,4,6-Tribromophenol	*59*		*31 - 141*	*12/24/15 16:14*	*01/04/16 02:15*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:29	1
Barium	1.0	U	1.0	1.0	mg/L		12/24/15 09:14	12/28/15 15:29	1
Cadmium	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 15:29	1
Chromium	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:29	1
Lead	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:29	1
Selenium	0.50	U	0.50	0.50	mg/L		12/24/15 09:14	12/28/15 15:29	1
Silver	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 15:29	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.020	mg/L		12/24/15 11:37	12/28/15 14:35	1

Client Sample ID: Filter Press Solids

Lab Sample ID: 660-71124-2
Date Collected: 12/15/15 16:00
Matrix: Solid
Date Received: 12/16/15 16:00

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0050	U	0.010	0.0050	mg/L			12/23/15 15:30	10
Carbon tetrachloride	0.0043	U	0.010	0.0043	mg/L			12/23/15 15:30	10
Chlorobenzene	0.0063	U	0.010	0.0063	mg/L			12/23/15 15:30	10
Chloroform	0.0090	U	0.010	0.0090	mg/L			12/23/15 15:30	10
1,4-Dichlorobenzene	0.0060	U	0.010	0.0060	mg/L			12/23/15 15:30	10
1,2-Dichloroethane	0.0057	U	0.010	0.0057	mg/L			12/23/15 15:30	10
1,1-Dichloroethene	0.0067	U	0.010	0.0067	mg/L			12/23/15 15:30	10
2-Butanone (MEK)	0.084	U	0.10	0.084	mg/L			12/23/15 15:30	10
Trichloroethene	0.0061	U	0.010	0.0061	mg/L			12/23/15 15:30	10
Tetrachloroethene	0.0050	U	0.010	0.0050	mg/L			12/23/15 15:30	10
Vinyl chloride	0.0071	U	0.010	0.0071	mg/L			12/23/15 15:30	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*12/23/15 15:30*	*10*
Dibromofluoromethane	*109*		*70 - 130*		*12/23/15 15:30*	*10*
Toluene-d8 (Surr)	*107*		*70 - 130*		*12/23/15 15:30*	*10*

Client Sample ID: Filter Press Solids

Lab Sample ID: 660-71124-2

Date Collected: 12/15/15 16:00

Matrix: Solid

Date Received: 12/16/15 16:00

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
Hexachlorobenzene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
Hexachlorobutadiene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
Hexachloroethane	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
2-Methylphenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
3 & 4 Methylphenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
Nitrobenzene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
Pentachlorophenol	0.25	U	0.25	0.25	mg/L		12/24/15 16:14	01/04/16 02:38	1
Pyridine	0.25	U J3	0.25	0.25	mg/L		12/24/15 16:14	01/04/16 02:38	1
2,4,5-Trichlorophenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1
2,4,6-Trichlorophenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/04/16 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*38 - 130*	*12/24/15 16:14*	*01/04/16 02:38*	*1*
2-Fluorophenol	*45*		*25 - 130*	*12/24/15 16:14*	*01/04/16 02:38*	*1*
Nitrobenzene-d5	*63*		*39 - 130*	*12/24/15 16:14*	*01/04/16 02:38*	*1*
Phenol-d5	*37*		*25 - 130*	*12/24/15 16:14*	*01/04/16 02:38*	*1*
Terphenyl-d14	*70*		*10 - 143*	*12/24/15 16:14*	*01/04/16 02:38*	*1*
2,4,6-Tribromophenol	*64*		*31 - 141*	*12/24/15 16:14*	*01/04/16 02:38*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:42	1
Barium	1.0	U	1.0	1.0	mg/L		12/24/15 09:14	12/28/15 15:42	1
Cadmium	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 15:42	1
Chromium	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:42	1
Lead	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:42	1
Selenium	0.50	U	0.50	0.50	mg/L		12/24/15 09:14	12/28/15 15:42	1
Silver	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 15:42	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.020	mg/L		12/24/15 11:37	12/28/15 14:51	1

Client Sample ID: Trip Blank

Lab Sample ID: 660-71124-3

Date Collected: 12/15/15 00:00

Matrix: Water

Date Received: 12/16/15 16:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			12/24/15 11:18	1
Benzene	0.50	U	1.0	0.50	ug/L			12/24/15 11:18	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			12/24/15 11:18	1
Bromoform	0.63	U	1.0	0.63	ug/L			12/24/15 11:18	1
Bromomethane	2.5	U	5.0	2.5	ug/L			12/24/15 11:18	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			12/24/15 11:18	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			12/24/15 11:18	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			12/24/15 11:18	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			12/24/15 11:18	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			12/24/15 11:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Client Sample ID: Trip Blank
Date Collected: 12/15/15 00:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			12/24/15 11:18	1
Chloroethane	2.5	U	5.0	2.5	ug/L			12/24/15 11:18	1
Chloroform	0.90	U	1.0	0.90	ug/L			12/24/15 11:18	1
Chloromethane	1.0	U	4.0	1.0	ug/L			12/24/15 11:18	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			12/24/15 11:18	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			12/24/15 11:18	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/24/15 11:18	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			12/24/15 11:18	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			12/24/15 11:18	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			12/24/15 11:18	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			12/24/15 11:18	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			12/24/15 11:18	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			12/24/15 11:18	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			12/24/15 11:18	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			12/24/15 11:18	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			12/24/15 11:18	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			12/24/15 11:18	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/24/15 11:18	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			12/24/15 11:18	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			12/24/15 11:18	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			12/24/15 11:18	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			12/24/15 11:18	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			12/24/15 11:18	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			12/24/15 11:18	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			12/24/15 11:18	1
2-Hexanone	4.4	U	10	4.4	ug/L			12/24/15 11:18	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			12/24/15 11:18	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			12/24/15 11:18	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			12/24/15 11:18	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			12/24/15 11:18	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			12/24/15 11:18	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			12/24/15 11:18	1
Naphthalene	2.5	U	5.0	2.5	ug/L			12/24/15 11:18	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			12/24/15 11:18	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			12/24/15 11:18	1
o-Xylene	0.50	U	1.0	0.50	ug/L			12/24/15 11:18	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			12/24/15 11:18	1
Styrene	0.98	U	2.0	0.98	ug/L			12/24/15 11:18	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			12/24/15 11:18	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			12/24/15 11:18	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			12/24/15 11:18	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/24/15 11:18	1
Toluene	0.51	U	1.0	0.51	ug/L			12/24/15 11:18	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/24/15 11:18	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			12/24/15 11:18	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			12/24/15 11:18	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			12/24/15 11:18	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/24/15 11:18	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/24/15 11:18	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Client Sample ID: Trip Blank
Date Collected: 12/15/15 00:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/24/15 11:18	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			12/24/15 11:18	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			12/24/15 11:18	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			12/24/15 11:18	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			12/24/15 11:18	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/24/15 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*12/24/15 11:18*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*12/24/15 11:18*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*12/24/15 11:18*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-164851/6
Matrix: Solid
Analysis Batch: 164851

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00060	U	0.0010	0.00060	mg/L			12/23/15 11:57	1
Benzene	0.00050	U	0.0010	0.00050	mg/L			12/23/15 11:57	1
1,2-Dichloroethane	0.00057	U	0.0010	0.00057	mg/L			12/23/15 11:57	1
1,1-Dichloroethene	0.00067	U	0.0010	0.00067	mg/L			12/23/15 11:57	1
Carbon tetrachloride	0.00043	U	0.0010	0.00043	mg/L			12/23/15 11:57	1
Chlorobenzene	0.00063	U	0.0010	0.00063	mg/L			12/23/15 11:57	1
Chloroform	0.00090	U	0.0010	0.00090	mg/L			12/23/15 11:57	1
2-Butanone (MEK)	0.0084	U	0.010	0.0084	mg/L			12/23/15 11:57	1
Tetrachloroethene	0.00050	U	0.0010	0.00050	mg/L			12/23/15 11:57	1
Trichloroethene	0.00061	U	0.0010	0.00061	mg/L			12/23/15 11:57	1
Vinyl chloride	0.00071	U	0.0010	0.00071	mg/L			12/23/15 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*12/23/15 11:57*	*1*
Dibromofluoromethane	*114*		*70 - 130*		*12/23/15 11:57*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*		*12/23/15 11:57*	*1*

Lab Sample ID: LCS 660-164851/4
Matrix: Solid
Analysis Batch: 164851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0100	0.00992		mg/L		99	70 - 130
Benzene	0.0100	0.0106		mg/L		106	68 - 134
1,2-Dichloroethane	0.0100	0.0117		mg/L		117	70 - 130
1,1-Dichloroethene	0.0100	0.0106		mg/L		106	51 - 150
Carbon tetrachloride	0.0100	0.0118		mg/L		118	61 - 134
Chlorobenzene	0.0100	0.0101		mg/L		101	70 - 130
Chloroform	0.0100	0.0111		mg/L		111	68 - 130
2-Butanone (MEK)	0.100	0.101		mg/L		101	63 - 140
Tetrachloroethene	0.0100	0.0112		mg/L		112	50 - 143
Trichloroethene	0.0100	0.0110		mg/L		110	63 - 139
Vinyl chloride	0.0100	0.0121		mg/L		121	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 660-164905/7
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			12/24/15 10:12	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			12/24/15 10:12	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			12/24/15 10:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-164905/7
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			12/24/15 10:12	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			12/24/15 10:12	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			12/24/15 10:12	1
Acetone	9.9	U	20	9.9	ug/L			12/24/15 10:12	1
Benzene	0.50	U	1.0	0.50	ug/L			12/24/15 10:12	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			12/24/15 10:12	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			12/24/15 10:12	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			12/24/15 10:12	1
Bromoform	0.63	U	1.0	0.63	ug/L			12/24/15 10:12	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/24/15 10:12	1
Bromomethane	2.5	U	5.0	2.5	ug/L			12/24/15 10:12	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			12/24/15 10:12	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			12/24/15 10:12	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			12/24/15 10:12	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			12/24/15 10:12	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			12/24/15 10:12	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			12/24/15 10:12	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			12/24/15 10:12	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			12/24/15 10:12	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			12/24/15 10:12	1
Chloroethane	2.5	U	5.0	2.5	ug/L			12/24/15 10:12	1
Chloroform	0.90	U	1.0	0.90	ug/L			12/24/15 10:12	1
2-Hexanone	4.4	U	10	4.4	ug/L			12/24/15 10:12	1
Chloromethane	1.0	U	4.0	1.0	ug/L			12/24/15 10:12	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			12/24/15 10:12	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			12/24/15 10:12	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			12/24/15 10:12	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			12/24/15 10:12	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			12/24/15 10:12	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			12/24/15 10:12	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			12/24/15 10:12	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			12/24/15 10:12	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			12/24/15 10:12	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			12/24/15 10:12	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			12/24/15 10:12	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			12/24/15 10:12	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			12/24/15 10:12	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			12/24/15 10:12	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			12/24/15 10:12	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			12/24/15 10:12	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			12/24/15 10:12	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			12/24/15 10:12	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			12/24/15 10:12	1
Naphthalene	2.5	U	5.0	2.5	ug/L			12/24/15 10:12	1
o-Xylene	0.50	U	1.0	0.50	ug/L			12/24/15 10:12	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			12/24/15 10:12	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			12/24/15 10:12	1
Styrene	0.98	U	2.0	0.98	ug/L			12/24/15 10:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-164905/7
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			12/24/15 10:12	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			12/24/15 10:12	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/24/15 10:12	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			12/24/15 10:12	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			12/24/15 10:12	1
Toluene	0.51	U	1.0	0.51	ug/L			12/24/15 10:12	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			12/24/15 10:12	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			12/24/15 10:12	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			12/24/15 10:12	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			12/24/15 10:12	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			12/24/15 10:12	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			12/24/15 10:12	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			12/24/15 10:12	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			12/24/15 10:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*12/24/15 10:12*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*12/24/15 10:12*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*12/24/15 10:12*	*1*

Lab Sample ID: LCS 660-164905/4
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	10.0	9.62		ug/L		96	63 - 130
2-Chlorotoluene	10.0	9.63		ug/L		96	70 - 130
1,2-Dichlorobenzene	10.0	10.0		ug/L		100	70 - 130
1,3-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130
4-Chlorotoluene	10.0	10.1		ug/L		101	70 - 130
1,4-Dichlorobenzene	10.0	9.76		ug/L		98	70 - 130
Acetone	100	88.5		ug/L		88	62 - 142
Benzene	10.0	8.22		ug/L		82	68 - 134
1,1-Dichloroethane	10.0	9.14		ug/L		91	66 - 130
Bromobenzene	10.0	9.54		ug/L		95	70 - 130
1,2-Dichloroethane	10.0	10.1		ug/L		101	70 - 130
Bromoform	10.0	10.3		ug/L		103	65 - 130
1,1-Dichloroethene	10.0	7.48		ug/L		75	51 - 150
Bromomethane	10.0	7.13		ug/L		71	22 - 150
1,2-Dichloropropane	10.0	8.96		ug/L		90	70 - 130
Carbon disulfide	10.0	8.25		ug/L		83	30 - 150
1,3-Dichloropropane	10.0	8.76		ug/L		88	70 - 130
Carbon tetrachloride	10.0	9.23		ug/L		92	61 - 134
2,2-Dichloropropane	10.0	9.15		ug/L		92	66 - 134
Chlorobenzene	10.0	9.59		ug/L		96	70 - 130
1,1-Dichloropropene	10.0	7.11		ug/L		71	65 - 136
Chlorobromomethane	10.0	9.49		ug/L		95	70 - 130
Chlorodibromomethane	10.0	10.3		ug/L		103	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-164905/4
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	10.0	9.56		ug/L		96	39 - 150
Chloroform	10.0	9.46		ug/L		95	68 - 130
2-Hexanone	100	81.4		ug/L		81	60 - 148
Chloromethane	10.0	8.67		ug/L		87	35 - 150
cis-1,2-Dichloroethene	10.0	9.40		ug/L		94	66 - 130
4-Isopropyltoluene	10.0	7.14		ug/L		71	65 - 134
cis-1,3-Dichloropropene	10.0	9.43		ug/L		94	70 - 130
Dibromomethane	10.0	9.52		ug/L		95	70 - 130
Dichlorobromomethane	10.0	9.77		ug/L		98	70 - 130
Dichlorodifluoromethane	10.0	5.91		ug/L		59	16 - 149
Ethylbenzene	10.0	9.26		ug/L		93	70 - 130
Ethylene Dibromide	10.0	9.32		ug/L		93	66 - 130
Hexachlorobutadiene	10.0	10.8		ug/L		108	62 - 143
Isopropylbenzene	10.0	7.42		ug/L		74	62 - 130
2-Butanone (MEK)	100	82.7		ug/L		83	63 - 140
4-Methyl-2-pentanone (MIBK)	100	69.7		ug/L		70	64 - 137
1,1,1,2-Tetrachloroethane	10.0	9.43		ug/L		94	70 - 130
Methyl tert-butyl ether	10.0	8.91		ug/L		89	67 - 130
1,1,2,2-Tetrachloroethane	10.0	9.21		ug/L		92	70 - 130
Methylene Chloride	10.0	9.75		ug/L		98	57 - 130
n-Butylbenzene	10.0	7.24		ug/L		72	61 - 131
N-Propylbenzene	10.0	7.76		ug/L		78	67 - 130
Naphthalene	10.0	7.06		ug/L		71	50 - 136
o-Xylene	10.0	9.16		ug/L		92	69 - 130
sec-Butylbenzene	10.0	7.45		ug/L		75	68 - 133
1,2,3-Trichlorobenzene	10.0	9.95		ug/L		99	58 - 132
Styrene	10.0	8.37		ug/L		84	68 - 131
1,2,4-Trichlorobenzene	10.0	9.71		ug/L		97	66 - 130
tert-Butylbenzene	10.0	8.26		ug/L		83	64 - 130
1,1,1-Trichloroethane	10.0	9.01		ug/L		90	63 - 132
Tetrachloroethene	10.0	8.02		ug/L		80	50 - 143
1,1,2-Trichloroethane	10.0	8.71		ug/L		87	70 - 130
Toluene	10.0	8.75		ug/L		87	70 - 131
trans-1,2-Dichloroethene	10.0	8.51		ug/L		85	62 - 139
1,2,3-Trichloropropane	10.0	8.71		ug/L		87	66 - 130
trans-1,3-Dichloropropene	10.0	9.41		ug/L		94	67 - 130
1,2,4-Trimethylbenzene	10.0	7.49		ug/L		75	70 - 132
Trichloroethene	10.0	8.72		ug/L		87	63 - 139
1,3,5-Trimethylbenzene	10.0	7.37		ug/L		74	65 - 134
Trichlorofluoromethane	10.0	8.33		ug/L		83	62 - 146
Vinyl chloride	10.0	8.69		ug/L		87	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-164905/5
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	10.0	9.15		ug/L		91	63 - 130	5	30
2-Chlorotoluene	10.0	9.61		ug/L		96	70 - 130	0	30
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	70 - 130	1	30
1,3-Dichlorobenzene	10.0	10.3		ug/L		103	70 - 130	2	30
4-Chlorotoluene	10.0	9.95		ug/L		100	70 - 130	2	30
1,4-Dichlorobenzene	10.0	10.0		ug/L		100	70 - 130	3	30
Acetone	100	102		ug/L		102	62 - 142	14	30
Benzene	10.0	8.68		ug/L		87	68 - 134	5	30
1,1-Dichloroethane	10.0	9.41		ug/L		94	66 - 130	3	30
Bromobenzene	10.0	10.1		ug/L		101	70 - 130	6	30
1,2-Dichloroethane	10.0	10.2		ug/L		102	70 - 130	1	30
Bromoform	10.0	10.2		ug/L		102	65 - 130	1	30
1,1-Dichloroethene	10.0	8.24		ug/L		82	51 - 150	10	30
Bromomethane	10.0	7.47		ug/L		75	22 - 150	5	30
1,2-Dichloropropane	10.0	8.78		ug/L		88	70 - 130	2	30
Carbon disulfide	10.0	8.45		ug/L		84	30 - 150	2	30
1,3-Dichloropropane	10.0	8.80		ug/L		88	70 - 130	1	30
Carbon tetrachloride	10.0	9.76		ug/L		98	61 - 134	6	30
2,2-Dichloropropane	10.0	9.67		ug/L		97	66 - 134	5	30
Chlorobenzene	10.0	9.11		ug/L		91	70 - 130	5	30
1,1-Dichloropropene	10.0	7.44		ug/L		74	65 - 136	5	30
Chlorobromomethane	10.0	9.61		ug/L		96	70 - 130	1	30
Chlorodibromomethane	10.0	9.80		ug/L		98	70 - 130	5	30
Chloroethane	10.0	9.09		ug/L		91	39 - 150	5	30
Chloroform	10.0	9.79		ug/L		98	68 - 130	3	30
2-Hexanone	100	92.2		ug/L		92	60 - 148	12	30
Chloromethane	10.0	8.67		ug/L		87	35 - 150	0	30
cis-1,2-Dichloroethene	10.0	9.54		ug/L		95	66 - 130	1	30
4-Isopropyltoluene	10.0	7.82		ug/L		78	65 - 134	9	30
cis-1,3-Dichloropropene	10.0	9.47		ug/L		95	70 - 130	0	30
Dibromomethane	10.0	10.4		ug/L		104	70 - 130	9	30
Dichlorobromomethane	10.0	10.3		ug/L		103	70 - 130	6	30
Dichlorodifluoromethane	10.0	6.94		ug/L		69	16 - 149	16	30
Ethylbenzene	10.0	9.58		ug/L		96	70 - 130	3	30
Ethylene Dibromide	10.0	9.62		ug/L		96	66 - 130	3	30
Hexachlorobutadiene	10.0	9.88		ug/L		99	62 - 143	9	30
Isopropylbenzene	10.0	7.99		ug/L		80	62 - 130	7	30
2-Butanone (MEK)	100	91.7		ug/L		92	63 - 140	10	30
4-Methyl-2-pentanone (MIBK)	100	80.3		ug/L		80	64 - 137	14	30
1,1,1,2-Tetrachloroethane	10.0	9.02		ug/L		90	70 - 130	4	30
Methyl tert-butyl ether	10.0	9.24		ug/L		92	67 - 130	4	30
1,1,2,2-Tetrachloroethane	10.0	9.17		ug/L		92	70 - 130	0	30
Methylene Chloride	10.0	9.20		ug/L		92	57 - 130	6	30
n-Butylbenzene	10.0	7.45		ug/L		75	61 - 131	3	30
N-Propylbenzene	10.0	8.01		ug/L		80	67 - 130	3	30
Naphthalene	10.0	6.98		ug/L		70	50 - 136	1	30
o-Xylene	10.0	9.27		ug/L		93	69 - 130	1	30
sec-Butylbenzene	10.0	7.78		ug/L		78	68 - 133	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-164905/5
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene			10.0	9.54		ug/L		95	58 - 132	4	30
Styrene			10.0	8.39		ug/L		84	68 - 131	0	30
1,2,4-Trichlorobenzene			10.0	9.88		ug/L		99	66 - 130	2	30
tert-Butylbenzene			10.0	8.58		ug/L		86	64 - 130	4	30
1,1,1-Trichloroethane			10.0	9.99		ug/L		100	63 - 132	10	30
Tetrachloroethene			10.0	8.54		ug/L		85	50 - 143	6	30
1,1,2-Trichloroethane			10.0	9.07		ug/L		91	70 - 130	4	30
Toluene			10.0	9.12		ug/L		91	70 - 131	4	30
trans-1,2-Dichloroethene			10.0	8.88		ug/L		89	62 - 139	4	30
1,2,3-Trichloropropane			10.0	8.89		ug/L		89	66 - 130	2	30
trans-1,3-Dichloropropene			10.0	9.09		ug/L		91	67 - 130	3	30
1,2,4-Trimethylbenzene			10.0	8.11		ug/L		81	70 - 132	8	30
Trichloroethene			10.0	9.30		ug/L		93	63 - 139	6	30
1,3,5-Trimethylbenzene			10.0	8.03		ug/L		80	65 - 134	8	30
Trichlorofluoromethane			10.0	9.73		ug/L		97	62 - 146	16	30
Vinyl chloride			10.0	7.60		ug/L		76	48 - 147	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*111*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-71123-C-3 MS
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	10.3		ug/L		103	63 - 130
2-Chlorotoluene	0.65	U	10.0	9.24		ug/L		92	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	9.23		ug/L		92	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	9.95		ug/L		99	70 - 130
4-Chlorotoluene	0.52	U	10.0	9.87		ug/L		99	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	9.71		ug/L		97	70 - 130
Acetone	9.9	U	100	81.0		ug/L		81	62 - 142
Benzene	0.50	U	10.0	8.78		ug/L		88	68 - 134
1,1-Dichloroethane	0.52	U	10.0	9.76		ug/L		98	66 - 130
Bromobenzene	0.58	U	10.0	9.14		ug/L		91	70 - 130
1,2-Dichloroethane	0.57	U	10.0	10.0		ug/L		100	70 - 130
Bromoform	0.63	U	10.0	9.32		ug/L		93	65 - 130
1,1-Dichloroethene	0.67	U	10.0	8.39		ug/L		84	51 - 150
Bromomethane	2.5	U	10.0	6.04		ug/L		60	22 - 150
1,2-Dichloropropane	0.52	U	10.0	8.63		ug/L		86	70 - 130
Carbon disulfide	1.0	U	10.0	8.35		ug/L		83	30 - 150
1,3-Dichloropropane	0.42	U	10.0	8.47		ug/L		85	70 - 130
Carbon tetrachloride	0.43	U	10.0	10.6		ug/L		106	61 - 134
2,2-Dichloropropane	0.36	U	10.0	10.0		ug/L		100	66 - 134
Chlorobenzene	0.63	U	10.0	9.32		ug/L		93	70 - 130
1,1-Dichloropropene	0.65	U	10.0	8.20		ug/L		82	65 - 136

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71123-C-3 MS
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobromomethane	0.58	U	10.0	9.23		ug/L		92	70 - 130
Chlorodibromomethane	0.31	U	10.0	9.70		ug/L		97	70 - 130
Chloroethane	2.5	U	10.0	9.44		ug/L		94	39 - 150
Chloroform	0.90	U	10.0	9.69		ug/L		97	68 - 130
2-Hexanone	4.4	U	100	75.2		ug/L		75	60 - 148
Chloromethane	1.0	U	10.0	8.13		ug/L		81	35 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	9.47		ug/L		95	66 - 130
4-Isopropyltoluene	0.69	U	10.0	7.43		ug/L		74	65 - 134
cis-1,3-Dichloropropene	0.39	U	10.0	8.51		ug/L		85	70 - 130
Dibromomethane	0.46	U	10.0	8.56		ug/L		86	70 - 130
Dichlorobromomethane	0.44	U	10.0	10.5		ug/L		105	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	7.64		ug/L		76	16 - 149
Ethylbenzene	0.44	U	10.0	9.19		ug/L		92	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.56		ug/L		86	66 - 130
Hexachlorobutadiene	0.34	U	10.0	10.4		ug/L		104	62 - 143
Isopropylbenzene	0.52	U	10.0	7.70		ug/L		77	62 - 130
2-Butanone (MEK)	8.4	U	100	76.3		ug/L		76	63 - 140
4-Methyl-2-pentanone (MIBK)	4.0	U	100	68.4		ug/L		68	64 - 137
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.85		ug/L		88	70 - 130
Methyl tert-butyl ether	0.44	U	10.0	7.94		ug/L		79	67 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	7.72		ug/L		77	70 - 130
Methylene Chloride	4.0	U	10.0	8.20		ug/L		82	57 - 130
n-Butylbenzene	0.67	U	10.0	7.45		ug/L		74	61 - 131
N-Propylbenzene	0.59	U	10.0	8.20		ug/L		82	67 - 130
Naphthalene	2.5	U	10.0	5.88		ug/L		59	50 - 136
o-Xylene	0.50	U	10.0	8.90		ug/L		89	69 - 130
sec-Butylbenzene	0.63	U	10.0	7.66		ug/L		77	68 - 133
1,2,3-Trichlorobenzene	0.77	U	10.0	8.87		ug/L		89	58 - 132
Styrene	0.98	U	10.0	7.59		ug/L		76	68 - 131
1,2,4-Trichlorobenzene	0.58	U	10.0	9.02		ug/L		90	66 - 130
tert-Butylbenzene	0.84	U	10.0	7.93		ug/L		79	64 - 130
1,1,1-Trichloroethane	0.47	U	10.0	11.0		ug/L		110	63 - 132
Tetrachloroethene	0.50	U	10.0	9.49		ug/L		95	50 - 143
1,1,2-Trichloroethane	0.47	U	10.0	9.31		ug/L		93	70 - 130
Toluene	0.51	U	10.0	9.11		ug/L		91	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.39		ug/L		84	62 - 139
1,2,3-Trichloropropane	0.44	U	10.0	8.97		ug/L		90	66 - 130
trans-1,3-Dichloropropene	0.27	U	10.0	9.12		ug/L		91	67 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	7.97		ug/L		80	70 - 132
Trichloroethene	0.61	U	10.0	8.71		ug/L		87	63 - 139
1,3,5-Trimethylbenzene	0.54	U	10.0	7.77		ug/L		78	65 - 134
Trichlorofluoromethane	2.5	U	10.0	11.0		ug/L		110	62 - 146
Vinyl chloride	0.71	U	10.0	9.26		ug/L		93	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 660-71123-C-2 DU
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	2.5	U		2.5	U	ug/L				NC	30
2-Chlorotoluene	0.65	U		0.65	U	ug/L				NC	30
1,2-Dichlorobenzene	0.49	U		0.49	U	ug/L				NC	30
1,3-Dichlorobenzene	0.64	U		0.64	U	ug/L				NC	30
4-Chlorotoluene	0.52	U		0.52	U	ug/L				NC	30
1,4-Dichlorobenzene	0.60	U		0.60	U	ug/L				NC	30
Acetone	9.9	U		9.9	U	ug/L				NC	30
Benzene	0.50	U		0.50	U	ug/L				NC	30
1,1-Dichloroethane	0.52	U		0.52	U	ug/L				NC	30
Bromobenzene	0.58	U		0.58	U	ug/L				NC	30
1,2-Dichloroethane	0.57	U		0.57	U	ug/L				NC	30
Bromoform	0.63	U		0.63	U	ug/L				NC	30
1,1-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
Bromomethane	2.5	U		2.5	U	ug/L				NC	30
1,2-Dichloropropane	0.52	U		0.52	U	ug/L				NC	30
Carbon disulfide	1.0	U		1.0	U	ug/L				NC	30
1,3-Dichloropropane	0.42	U		0.42	U	ug/L				NC	30
Carbon tetrachloride	0.43	U		0.43	U	ug/L				NC	30
2,2-Dichloropropane	0.36	U		0.36	U	ug/L				NC	30
Chlorobenzene	0.63	U		0.63	U	ug/L				NC	30
1,1-Dichloropropene	0.65	U		0.65	U	ug/L				NC	30
Chlorobromomethane	0.58	U		0.58	U	ug/L				NC	30
Chlorodibromomethane	0.31	U		0.31	U	ug/L				NC	30
Chloroethane	2.5	U		2.5	U	ug/L				NC	30
Chloroform	0.90	U		0.90	U	ug/L				NC	30
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Chloromethane	1.0	U		1.0	U	ug/L				NC	30
cis-1,2-Dichloroethene	0.65	U		0.65	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
cis-1,3-Dichloropropene	0.39	U		0.39	U	ug/L				NC	30
Dibromomethane	0.46	U		0.46	U	ug/L				NC	30
Dichlorobromomethane	0.44	U		0.44	U	ug/L				NC	30
Dichlorodifluoromethane	2.5	U		2.5	U	ug/L				NC	30
Ethylbenzene	0.44	U		0.44	U	ug/L				NC	30
Ethylene Dibromide	0.50	U		0.50	U	ug/L				NC	30
Hexachlorobutadiene	0.34	U		0.34	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
2-Butanone (MEK)	8.4	U		8.4	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71123-C-2 DU
Matrix: Water
Analysis Batch: 164905

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Styrene	0.98	U		0.98	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*108*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 660-164968/6
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	3.6	U	10	3.6	ug/Kg			12/28/15 09:52	1
2-Chlorotoluene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,2-Dichlorobenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,3-Dichlorobenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
4-Chlorotoluene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,4-Dichlorobenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Acetone	27	U	50	27	ug/Kg			12/28/15 09:52	1
Benzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,1-Dichloroethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Bromobenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,2-Dichloroethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Bromoform	2.1	U	5.0	2.1	ug/Kg			12/28/15 09:52	1
1,1-Dichloroethene	2.2	U	5.0	2.2	ug/Kg			12/28/15 09:52	1
Bromomethane	3.6	U	10	3.6	ug/Kg			12/28/15 09:52	1
1,2-Dichloropropane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Carbon disulfide	5.0	U	10	5.0	ug/Kg			12/28/15 09:52	1
1,3-Dichloropropane	2.0	U	5.0	2.0	ug/Kg			12/28/15 09:52	1
Carbon tetrachloride	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
2,2-Dichloropropane	2.0	U	5.0	2.0	ug/Kg			12/28/15 09:52	1
Chlorobenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,1-Dichloropropene	2.0	U	5.0	2.0	ug/Kg			12/28/15 09:52	1
Chlorobromomethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-164968/6
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Chloroethane	2.2	U	10	2.2	ug/Kg			12/28/15 09:52	1
Chloroform	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
2-Hexanone	23	U	25	23	ug/Kg			12/28/15 09:52	1
Chloromethane	2.5	U	10	2.5	ug/Kg			12/28/15 09:52	1
cis-1,2-Dichloroethene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
4-Isopropyltoluene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
cis-1,3-Dichloropropene	2.0	U	5.0	2.0	ug/Kg			12/28/15 09:52	1
Dibromomethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Dichlorobromomethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Dichlorodifluoromethane	2.4	U	10	2.4	ug/Kg			12/28/15 09:52	1
Ethylbenzene	2.0	U	5.0	2.0	ug/Kg			12/28/15 09:52	1
Ethylene Dibromide	1.4	U	5.0	1.4	ug/Kg			12/28/15 09:52	1
Hexachlorobutadiene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Isopropylbenzene	3.8	U	5.0	3.8	ug/Kg			12/28/15 09:52	1
m-Xylene & p-Xylene	3.0	U	10	3.0	ug/Kg			12/28/15 09:52	1
2-Butanone (MEK)	6.5	U	25	6.5	ug/Kg			12/28/15 09:52	1
4-Methyl-2-pentanone (MIBK)	11	U	25	11	ug/Kg			12/28/15 09:52	1
1,1,1,2-Tetrachloroethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Methyl tert-butyl ether	5.0	U	10	5.0	ug/Kg			12/28/15 09:52	1
1,1,2,2-Tetrachloroethane	3.4	U	5.0	3.4	ug/Kg			12/28/15 09:52	1
Methylene Chloride	4.0	U	5.0	4.0	ug/Kg			12/28/15 09:52	1
n-Butylbenzene	2.1	U	5.0	2.1	ug/Kg			12/28/15 09:52	1
N-Propylbenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Naphthalene	3.4	U	5.0	3.4	ug/Kg			12/28/15 09:52	1
o-Xylene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
sec-Butylbenzene	2.4	U	5.0	2.4	ug/Kg			12/28/15 09:52	1
1,2,3-Trichlorobenzene	2.4	U	5.0	2.4	ug/Kg			12/28/15 09:52	1
Styrene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,2,4-Trichlorobenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
tert-Butylbenzene	2.0	U	5.0	2.0	ug/Kg			12/28/15 09:52	1
1,1,1-Trichloroethane	2.1	U	5.0	2.1	ug/Kg			12/28/15 09:52	1
Tetrachloroethene	3.0	U	5.0	3.0	ug/Kg			12/28/15 09:52	1
1,1,2-Trichloroethane	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Toluene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
trans-1,2-Dichloroethene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
1,2,3-Trichloropropane	3.0	U	5.0	3.0	ug/Kg			12/28/15 09:52	1
trans-1,3-Dichloropropene	2.1	U	5.0	2.1	ug/Kg			12/28/15 09:52	1
1,2,4-Trimethylbenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Trichloroethene	2.2	U	5.0	2.2	ug/Kg			12/28/15 09:52	1
1,3,5-Trimethylbenzene	2.5	U	5.0	2.5	ug/Kg			12/28/15 09:52	1
Trichlorofluoromethane	2.8	U	10	2.8	ug/Kg			12/28/15 09:52	1
Vinyl chloride	2.5	U	10	2.5	ug/Kg			12/28/15 09:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*69 - 130*		*12/28/15 09:52*	*1*
Dibromofluoromethane	*102*		*63 - 139*		*12/28/15 09:52*	*1*
Toluene-d8 (Surr)	*94*		*67 - 138*		*12/28/15 09:52*	*1*

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Lab Sample ID: LCS 660-164968/4
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	50.0	63.2		ug/Kg		126	54 - 130
2-Chlorotoluene	50.0	50.9		ug/Kg		102	60 - 130
1,2-Dichlorobenzene	50.0	52.4		ug/Kg		105	60 - 130
1,3-Dichlorobenzene	50.0	51.1		ug/Kg		102	55 - 130
4-Chlorotoluene	50.0	52.0		ug/Kg		104	63 - 130
1,4-Dichlorobenzene	50.0	51.7		ug/Kg		103	64 - 130
Acetone	500	462		ug/Kg		92	67 - 133
Benzene	50.0	42.1		ug/Kg		84	61 - 131
1,1-Dichloroethane	50.0	45.3		ug/Kg		91	47 - 130
Bromobenzene	50.0	50.0		ug/Kg		100	58 - 130
1,2-Dichloroethane	50.0	49.3		ug/Kg		99	63 - 130
Bromoform	50.0	59.1		ug/Kg		118	62 - 130
1,1-Dichloroethene	50.0	42.0		ug/Kg		84	54 - 144
Bromomethane	50.0	39.2		ug/Kg		78	48 - 136
1,2-Dichloropropane	50.0	50.3		ug/Kg		101	55 - 130
Carbon disulfide	50.0	38.7		ug/Kg		77	34 - 143
1,3-Dichloropropane	50.0	50.8		ug/Kg		102	63 - 130
Carbon tetrachloride	50.0	51.7		ug/Kg		103	57 - 130
2,2-Dichloropropane	50.0	48.6		ug/Kg		97	55 - 130
Chlorobenzene	50.0	49.3		ug/Kg		99	62 - 130
1,1-Dichloropropene	50.0	43.3		ug/Kg		87	55 - 130
Chlorobromomethane	50.0	42.7		ug/Kg		85	50 - 130
Chlorodibromomethane	50.0	57.2		ug/Kg		114	57 - 130
Chloroethane	50.0	46.4		ug/Kg		93	49 - 140
Chloroform	50.0	45.9		ug/Kg		92	62 - 130
2-Hexanone	500	488		ug/Kg		98	69 - 136
Chloromethane	50.0	41.0		ug/Kg		82	35 - 139
cis-1,2-Dichloroethene	50.0	44.1		ug/Kg		88	62 - 130
4-Isopropyltoluene	50.0	51.4		ug/Kg		103	64 - 130
cis-1,3-Dichloropropene	50.0	50.7		ug/Kg		101	60 - 130
Dibromomethane	50.0	50.0		ug/Kg		100	68 - 130
Dichlorobromomethane	50.0	55.9		ug/Kg		112	66 - 130
Dichlorodifluoromethane	50.0	35.2		ug/Kg		70	10 - 140
Ethylbenzene	50.0	48.4		ug/Kg		97	68 - 130
Ethylene Dibromide	50.0	50.2		ug/Kg		100	64 - 130
Hexachlorobutadiene	50.0	65.5	J3	ug/Kg		131	57 - 130
Isopropylbenzene	50.0	50.2		ug/Kg		100	60 - 130
2-Butanone (MEK)	500	457		ug/Kg		91	70 - 130
4-Methyl-2-pentanone (MIBK)	500	482		ug/Kg		96	69 - 134
1,1,1,2-Tetrachloroethane	50.0	55.6		ug/Kg		111	56 - 130
Methyl tert-butyl ether	50.0	42.1		ug/Kg		84	55 - 134
1,1,2,2-Tetrachloroethane	50.0	50.7		ug/Kg		101	64 - 130
Methylene Chloride	50.0	44.0		ug/Kg		88	50 - 135
n-Butylbenzene	50.0	53.1		ug/Kg		106	63 - 130
N-Propylbenzene	50.0	50.4		ug/Kg		101	63 - 130
Naphthalene	50.0	63.8		ug/Kg		128	60 - 130
o-Xylene	50.0	48.4		ug/Kg		97	64 - 130
sec-Butylbenzene	50.0	51.4		ug/Kg		103	63 - 130
1,2,3-Trichlorobenzene	50.0	63.2		ug/Kg		126	57 - 130
Styrene	50.0	50.0		ug/Kg		100	58 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-164968/4
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	62.9		ug/Kg		126	59 - 130
tert-Butylbenzene	50.0	54.0		ug/Kg		108	62 - 130
1,1,1-Trichloroethane	50.0	48.2		ug/Kg		96	57 - 130
Tetrachloroethene	50.0	49.4		ug/Kg		99	56 - 130
1,1,2-Trichloroethane	50.0	48.9		ug/Kg		98	62 - 130
Toluene	50.0	46.5		ug/Kg		93	61 - 130
trans-1,2-Dichloroethene	50.0	43.7		ug/Kg		87	46 - 135
1,2,3-Trichloropropane	50.0	51.7		ug/Kg		103	60 - 130
trans-1,3-Dichloropropene	50.0	56.2		ug/Kg		112	65 - 130
1,2,4-Trimethylbenzene	50.0	51.2		ug/Kg		102	59 - 130
Trichloroethene	50.0	50.0		ug/Kg		100	54 - 131
1,3,5-Trimethylbenzene	50.0	51.3		ug/Kg		103	58 - 130
Trichlorofluoromethane	50.0	52.7		ug/Kg		105	53 - 130
Vinyl chloride	50.0	40.3		ug/Kg		81	46 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*69 - 130*
Dibromofluoromethane	*105*		*63 - 139*
Toluene-d8 (Surr)	*100*		*67 - 138*

Lab Sample ID: 660-71124-1 MS
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Spent Carbon
Prep Type: Total/NA
Prep Batch: 165003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	26	U	348	336		ug/Kg	☼	97	54 - 130
2-Chlorotoluene	18	U	348	260		ug/Kg	☼	75	60 - 130
1,2-Dichlorobenzene	18	U	348	223		ug/Kg	☼	64	60 - 130
1,3-Dichlorobenzene	18	U	348	210		ug/Kg	☼	60	55 - 130
4-Chlorotoluene	18	U	348	239		ug/Kg	☼	69	63 - 130
1,4-Dichlorobenzene	18	U J3	348	201	J3	ug/Kg	☼	58	64 - 130
Acetone	190	U	3480	2840		ug/Kg	☼	82	67 - 133
Benzene	18	U	348	215		ug/Kg	☼	62	61 - 131
1,1-Dichloroethane	18	U	348	285		ug/Kg	☼	82	47 - 130
Bromobenzene	18	U	348	224		ug/Kg	☼	64	58 - 130
1,2-Dichloroethane	18	U	348	245		ug/Kg	☼	70	63 - 130
Bromoform	15	U	348	326		ug/Kg	☼	94	62 - 130
1,1-Dichloroethene	16	U	348	219		ug/Kg	☼	63	54 - 144
Bromomethane	26	U	348	217		ug/Kg	☼	62	48 - 136
1,2-Dichloropropane	18	U	348	280		ug/Kg	☼	81	55 - 130
Carbon disulfide	36	U	348	193		ug/Kg	☼	55	34 - 143
1,3-Dichloropropane	14	U	348	262		ug/Kg	☼	75	63 - 130
Carbon tetrachloride	18	U	348	281		ug/Kg	☼	81	57 - 130
2,2-Dichloropropane	14	U	348	264		ug/Kg	☼	76	55 - 130
Chlorobenzene	18	U	348	230		ug/Kg	☼	66	62 - 130
1,1-Dichloropropene	14	U	348	227		ug/Kg	☼	65	55 - 130
Chlorobromomethane	18	U	348	223		ug/Kg	☼	64	50 - 130
Chlorodibromomethane	18	U	348	295		ug/Kg	☼	85	57 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71124-1 MS
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Spent Carbon
Prep Type: Total/NA
Prep Batch: 165003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	16	U	348	231		ug/Kg	☼	66	49 - 140
Chloroform	18	U	348	247		ug/Kg	☼	71	62 - 130
2-Hexanone	170	U	3480	2480		ug/Kg	☼	71	69 - 136
Chloromethane	18	U	348	191		ug/Kg	☼	55	35 - 139
cis-1,2-Dichloroethene	18	U	348	227		ug/Kg	☼	65	62 - 130
4-Isopropyltoluene	18	U	348	301		ug/Kg	☼	87	64 - 130
cis-1,3-Dichloropropene	14	U	348	238		ug/Kg	☼	68	60 - 130
Dibromomethane	18	U	348	262		ug/Kg	☼	75	68 - 130
Dichlorobromomethane	18	U	348	300		ug/Kg	☼	86	66 - 130
Dichlorodifluoromethane	17	U	348	167		ug/Kg	☼	48	10 - 140
Ethylbenzene	14	U	348	265		ug/Kg	☼	76	68 - 130
Ethylene Dibromide	10	U	348	254		ug/Kg	☼	73	64 - 130
Hexachlorobutadiene	18	U J3	348	374		ug/Kg	☼	108	57 - 130
Isopropylbenzene	27	U	348	302		ug/Kg	☼	87	60 - 130
2-Butanone (MEK)	47	U	3480	2470		ug/Kg	☼	71	70 - 130
4-Methyl-2-pentanone (MIBK)	79	U	3480	2830		ug/Kg	☼	81	69 - 134
1,1,1,2-Tetrachloroethane	18	U	348	318		ug/Kg	☼	91	56 - 130
Methyl tert-butyl ether	36	U	348	267		ug/Kg	☼	77	55 - 134
1,1,2,2-Tetrachloroethane	24	U	348	301		ug/Kg	☼	87	64 - 130
Methylene Chloride	29	U	348	236		ug/Kg	☼	68	50 - 135
n-Butylbenzene	15	U	348	271		ug/Kg	☼	78	63 - 130
N-Propylbenzene	18	U	348	285		ug/Kg	☼	82	63 - 130
Naphthalene	24	U J3	348	168	J3	ug/Kg	☼	48	60 - 130
o-Xylene	18	U	348	249		ug/Kg	☼	72	64 - 130
sec-Butylbenzene	17	U	348	307		ug/Kg	☼	88	63 - 130
1,2,3-Trichlorobenzene	17	U	348	204		ug/Kg	☼	59	57 - 130
Styrene	18	U	348	205		ug/Kg	☼	59	58 - 131
1,2,4-Trichlorobenzene	18	U J3	348	181	J3	ug/Kg	☼	52	59 - 130
tert-Butylbenzene	14	U	348	332		ug/Kg	☼	95	62 - 130
1,1,1-Trichloroethane	15	U	348	270		ug/Kg	☼	78	57 - 130
Tetrachloroethene	22	U	348	261		ug/Kg	☼	75	56 - 130
1,1,2-Trichloroethane	18	U	348	268		ug/Kg	☼	77	62 - 130
Toluene	18	U	348	248		ug/Kg	☼	71	61 - 130
trans-1,2-Dichloroethene	18	U	348	214		ug/Kg	☼	61	46 - 135
1,2,3-Trichloropropane	22	U	348	289		ug/Kg	☼	83	60 - 130
trans-1,3-Dichloropropene	15	U	348	252		ug/Kg	☼	72	65 - 130
1,2,4-Trimethylbenzene	18	U	348	275		ug/Kg	☼	79	59 - 130
Trichloroethene	16	U	348	268		ug/Kg	☼	77	54 - 131
1,3,5-Trimethylbenzene	18	U	348	302		ug/Kg	☼	87	58 - 130
Trichlorofluoromethane	20	U	348	276		ug/Kg	☼	79	53 - 130
Vinyl chloride	18	U	348	182		ug/Kg	☼	52	46 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*69 - 130*
Dibromofluoromethane	*106*		*63 - 139*
Toluene-d8 (Surr)	*102*		*67 - 138*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71124-1 DU
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Spent Carbon
Prep Type: Total/NA
Prep Batch: 165003

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	26	U		25	U	ug/Kg	☼			NC	40
2-Chlorotoluene	18	U		18	U	ug/Kg	☼			NC	40
1,2-Dichlorobenzene	18	U		18	U	ug/Kg	☼			NC	40
1,3-Dichlorobenzene	18	U		18	U	ug/Kg	☼			NC	40
4-Chlorotoluene	18	U		18	U	ug/Kg	☼			NC	40
1,4-Dichlorobenzene	18	U J3		18	U	ug/Kg	☼			NC	40
Acetone	190	U		190	U	ug/Kg	☼			NC	40
Benzene	18	U		18	U	ug/Kg	☼			NC	40
1,1-Dichloroethane	18	U		18.5	I	ug/Kg	☼			NC	40
Bromobenzene	18	U		18	U	ug/Kg	☼			NC	40
1,2-Dichloroethane	18	U		18	U	ug/Kg	☼			NC	40
Bromoform	15	U		15	U	ug/Kg	☼			NC	40
1,1-Dichloroethene	16	U		15	U	ug/Kg	☼			NC	40
Bromomethane	26	U		25	U	ug/Kg	☼			NC	40
1,2-Dichloropropane	18	U		18	U	ug/Kg	☼			NC	40
Carbon disulfide	36	U		35	U	ug/Kg	☼			NC	40
1,3-Dichloropropane	14	U		14	U	ug/Kg	☼			NC	40
Carbon tetrachloride	18	U		18	U	ug/Kg	☼			NC	40
2,2-Dichloropropane	14	U		14	U	ug/Kg	☼			NC	40
Chlorobenzene	18	U		18	U	ug/Kg	☼			NC	40
1,1-Dichloropropene	14	U		14	U	ug/Kg	☼			NC	40
Chlorobromomethane	18	U		18	U	ug/Kg	☼			NC	40
Chlorodibromomethane	18	U		18	U	ug/Kg	☼			NC	40
Chloroethane	16	U		15	U	ug/Kg	☼			NC	40
Chloroform	18	U		18	U	ug/Kg	☼			NC	40
2-Hexanone	170	U		160	U	ug/Kg	☼			NC	40
Chloromethane	18	U		18	U	ug/Kg	☼			NC	40
cis-1,2-Dichloroethene	18	U		18	U	ug/Kg	☼			NC	40
4-Isopropyltoluene	18	U		18	U	ug/Kg	☼			NC	40
cis-1,3-Dichloropropene	14	U		14	U	ug/Kg	☼			NC	40
Dibromomethane	18	U		18	U	ug/Kg	☼			NC	40
Dichlorobromomethane	18	U		18	U	ug/Kg	☼			NC	40
Dichlorodifluoromethane	17	U		17	U	ug/Kg	☼			NC	40
Ethylbenzene	14	U		14	U	ug/Kg	☼			NC	40
Ethylene Dibromide	10	U		9.8	U	ug/Kg	☼			NC	40
Hexachlorobutadiene	18	U J3		18	U J3	ug/Kg	☼			NC	40
Isopropylbenzene	27	U		27	U	ug/Kg	☼			NC	40
m-Xylene & p-Xylene	22	U		21	U	ug/Kg	☼			NC	40
2-Butanone (MEK)	47	U		46	U	ug/Kg	☼			NC	40
4-Methyl-2-pentanone (MIBK)	79	U		77	U	ug/Kg	☼			NC	40
1,1,1,2-Tetrachloroethane	18	U		18	U	ug/Kg	☼			NC	40
Methyl tert-butyl ether	36	U		35	U	ug/Kg	☼			NC	40
1,1,2,2-Tetrachloroethane	24	U		24	U	ug/Kg	☼			NC	40
Methylene Chloride	29	U		28	U	ug/Kg	☼			NC	40
n-Butylbenzene	15	U		15	U	ug/Kg	☼			NC	40
N-Propylbenzene	18	U		18	U	ug/Kg	☼			NC	40
Naphthalene	24	U J3		24	U	ug/Kg	☼			NC	40
o-Xylene	18	U		18	U	ug/Kg	☼			NC	40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71124-1 DU
Matrix: Solid
Analysis Batch: 164968

Client Sample ID: Spent Carbon
Prep Type: Total/NA
Prep Batch: 165003

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
sec-Butylbenzene	17	U		17	U	ug/Kg	☼			NC	40
1,2,3-Trichlorobenzene	17	U		17	U	ug/Kg	☼			NC	40
Styrene	18	U		18	U	ug/Kg	☼			NC	40
1,2,4-Trichlorobenzene	18	U J3		18	U	ug/Kg	☼			NC	40
tert-Butylbenzene	14	U		14	U	ug/Kg	☼			NC	40
1,1,1-Trichloroethane	15	U		15	U	ug/Kg	☼			NC	40
Tetrachloroethene	22	U		21	U	ug/Kg	☼			NC	40
1,1,2-Trichloroethane	18	U		18	U	ug/Kg	☼			NC	40
Toluene	18	U		18	U	ug/Kg	☼			NC	40
trans-1,2-Dichloroethene	18	U		18	U	ug/Kg	☼			NC	40
1,2,3-Trichloropropane	22	U		21	U	ug/Kg	☼			NC	40
trans-1,3-Dichloropropene	15	U		15	U	ug/Kg	☼			NC	40
1,2,4-Trimethylbenzene	18	U		18	U	ug/Kg	☼			NC	40
Trichloroethene	16	U		15	U	ug/Kg	☼			NC	40
1,3,5-Trimethylbenzene	18	U		18	U	ug/Kg	☼			NC	40
Trichlorofluoromethane	20	U		20	U	ug/Kg	☼			NC	40
Vinyl chloride	18	U		18	U	ug/Kg	☼			NC	40

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*69 - 130*
Dibromofluoromethane	*104*		*63 - 139*
Toluene-d8 (Surr)	*97*		*67 - 138*

Lab Sample ID: LB 660-164866/1-A
Matrix: Solid
Analysis Batch: 164851

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00060	U	0.0010	0.00060	mg/L			12/23/15 14:34	1
Benzene	0.00050	U	0.0010	0.00050	mg/L			12/23/15 14:34	1
1,2-Dichloroethane	0.00057	U	0.0010	0.00057	mg/L			12/23/15 14:34	1
1,1-Dichloroethene	0.00067	U	0.0010	0.00067	mg/L			12/23/15 14:34	1
Carbon tetrachloride	0.00043	U	0.0010	0.00043	mg/L			12/23/15 14:34	1
Chlorobenzene	0.00063	U	0.0010	0.00063	mg/L			12/23/15 14:34	1
Chloroform	0.00090	U	0.0010	0.00090	mg/L			12/23/15 14:34	1
2-Butanone (MEK)	0.0084	U	0.010	0.0084	mg/L			12/23/15 14:34	1
Tetrachloroethene	0.00050	U	0.0010	0.00050	mg/L			12/23/15 14:34	1
Trichloroethene	0.00061	U	0.0010	0.00061	mg/L			12/23/15 14:34	1
Vinyl chloride	0.00071	U	0.0010	0.00071	mg/L			12/23/15 14:34	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*12/23/15 14:34*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*12/23/15 14:34*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*12/23/15 14:34*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71124-2 MS
Matrix: Solid
Analysis Batch: 164851

Client Sample ID: Filter Press Solids
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0060	U	0.100	0.101		mg/L		101	70 - 130
Benzene	0.0050	U	0.100	0.106		mg/L		106	68 - 134
1,2-Dichloroethane	0.0057	U	0.100	0.117		mg/L		117	70 - 130
1,1-Dichloroethene	0.0067	U	0.100	0.104		mg/L		104	51 - 150
Carbon tetrachloride	0.0043	U	0.100	0.111		mg/L		111	61 - 134
Chlorobenzene	0.0063	U	0.100	0.101		mg/L		101	70 - 130
Chloroform	0.0090	U	0.100	0.109		mg/L		109	68 - 130
2-Butanone (MEK)	0.084	U	1.00	1.04		mg/L		104	63 - 140
Tetrachloroethene	0.0050	U	0.100	0.109		mg/L		109	50 - 143
Trichloroethene	0.0061	U	0.100	0.109		mg/L		109	63 - 139
Vinyl chloride	0.0071	U	0.100	0.109		mg/L		109	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 660-71124-2 MSD
Matrix: Solid
Analysis Batch: 164851

Client Sample ID: Filter Press Solids
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	0.0060	U	0.100	0.103		mg/L		103	70 - 130	2	30
Benzene	0.0050	U	0.100	0.107		mg/L		107	68 - 134	1	30
1,2-Dichloroethane	0.0057	U	0.100	0.120		mg/L		120	70 - 130	3	30
1,1-Dichloroethene	0.0067	U	0.100	0.107		mg/L		107	51 - 150	3	30
Carbon tetrachloride	0.0043	U	0.100	0.119		mg/L		119	61 - 134	6	30
Chlorobenzene	0.0063	U	0.100	0.101		mg/L		101	70 - 130	0	30
Chloroform	0.0090	U	0.100	0.111		mg/L		111	68 - 130	2	30
2-Butanone (MEK)	0.084	U	1.00	0.998		mg/L		100	63 - 140	4	30
Tetrachloroethene	0.0050	U	0.100	0.110		mg/L		110	50 - 143	1	30
Trichloroethene	0.0061	U	0.100	0.110		mg/L		110	63 - 139	1	30
Vinyl chloride	0.0071	U	0.100	0.107		mg/L		107	48 - 147	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-416102/12-A
Matrix: Solid
Analysis Batch: 416901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 416102

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-416102/12-A
Matrix: Solid
Analysis Batch: 416901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 416102

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
Hexachlorobutadiene	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
Hexachloroethane	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
2-Methylphenol	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
3 & 4 Methylphenol	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
Nitrobenzene	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
Pentachlorophenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 22:22	1
Pyridine	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 22:22	1
2,4,5-Trichlorophenol	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1
2,4,6-Trichlorophenol	0.010	U	0.010	0.010	mg/L		12/24/15 16:14	01/03/16 22:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*38 - 130*	*12/24/15 16:14*	*01/03/16 22:22*	*1*
2-Fluorophenol	*49*		*25 - 130*	*12/24/15 16:14*	*01/03/16 22:22*	*1*
Nitrobenzene-d5	*60*		*39 - 130*	*12/24/15 16:14*	*01/03/16 22:22*	*1*
Phenol-d5	*48*		*25 - 130*	*12/24/15 16:14*	*01/03/16 22:22*	*1*
Terphenyl-d14	*75*		*10 - 143*	*12/24/15 16:14*	*01/03/16 22:22*	*1*
2,4,6-Tribromophenol	*62*		*31 - 141*	*12/24/15 16:14*	*01/03/16 22:22*	*1*

Lab Sample ID: LCS 680-416102/13-A
Matrix: Solid
Analysis Batch: 416901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 416102

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	0.100	0.0800		mg/L		80	63 - 130
Hexachlorobenzene	0.100	0.0722		mg/L		72	52 - 130
Hexachlorobutadiene	0.100	0.0504		mg/L		50	36 - 130
Hexachloroethane	0.100	0.0454		mg/L		45	39 - 130
2-Methylphenol	0.100	0.0658		mg/L		66	55 - 130
3 & 4 Methylphenol	0.100	0.0680		mg/L		68	35 - 130
Nitrobenzene	0.100	0.0647		mg/L		65	56 - 130
Pentachlorophenol	0.200	0.154		mg/L		77	42 - 138
Pyridine	0.100	0.0538		mg/L		54	10 - 130
2,4,5-Trichlorophenol	0.100	0.0684		mg/L		68	61 - 130
2,4,6-Trichlorophenol	0.100	0.0694		mg/L		69	57 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*65*		*38 - 130*
2-Fluorophenol	*52*		*25 - 130*
Nitrobenzene-d5	*61*		*39 - 130*
Phenol-d5	*57*		*25 - 130*
Terphenyl-d14	*77*		*10 - 143*
2,4,6-Tribromophenol	*77*		*31 - 141*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 680-415744/1-C
Matrix: Solid
Analysis Batch: 416901

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 416102

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
Hexachlorobenzene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
Hexachlorobutadiene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
Hexachloroethane	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
2-Methylphenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
3 & 4 Methylphenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
Nitrobenzene	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
Pentachlorophenol	0.25	U	0.25	0.25	mg/L		12/24/15 16:14	01/03/16 21:36	1
Pyridine	0.25	U	0.25	0.25	mg/L		12/24/15 16:14	01/03/16 21:36	1
2,4,5-Trichlorophenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1
2,4,6-Trichlorophenol	0.050	U	0.050	0.050	mg/L		12/24/15 16:14	01/03/16 21:36	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*38 - 130*	*12/24/15 16:14*	*01/03/16 21:36*	*1*
2-Fluorophenol	*56*		*25 - 130*	*12/24/15 16:14*	*01/03/16 21:36*	*1*
Nitrobenzene-d5	*63*		*39 - 130*	*12/24/15 16:14*	*01/03/16 21:36*	*1*
Phenol-d5	*62*		*25 - 130*	*12/24/15 16:14*	*01/03/16 21:36*	*1*
Terphenyl-d14	*85*		*10 - 143*	*12/24/15 16:14*	*01/03/16 21:36*	*1*
2,4,6-Tribromophenol	*71*		*31 - 141*	*12/24/15 16:14*	*01/03/16 21:36*	*1*

Lab Sample ID: 660-71124-2 MS
Matrix: Solid
Analysis Batch: 416901

Client Sample ID: Filter Press Solids
Prep Type: TCLP
Prep Batch: 416102

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	0.050	U	0.490	0.365		mg/L		75	63 - 130
Hexachlorobenzene	0.050	U	0.490	0.346		mg/L		71	52 - 130
Hexachlorobutadiene	0.050	U	0.490	0.247		mg/L		50	36 - 130
Hexachloroethane	0.050	U	0.490	0.226		mg/L		46	39 - 130
2-Methylphenol	0.050	U	0.490	0.301		mg/L		62	55 - 130
3 & 4 Methylphenol	0.050	U	0.490	0.313		mg/L		64	35 - 130
Nitrobenzene	0.050	U	0.490	0.368		mg/L		75	56 - 130
Pentachlorophenol	0.25	U	0.979	0.763		mg/L		78	42 - 138
Pyridine	0.25	U J3	0.490	0.24	U J3	mg/L		0	10 - 130
2,4,5-Trichlorophenol	0.050	U	0.490	0.321		mg/L		66	61 - 130
2,4,6-Trichlorophenol	0.050	U	0.490	0.318		mg/L		65	57 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*63*		*38 - 130*
2-Fluorophenol	*51*		*25 - 130*
Nitrobenzene-d5	*59*		*39 - 130*
Phenol-d5	*55*		*25 - 130*
Terphenyl-d14	*77*		*10 - 143*
2,4,6-Tribromophenol	*75*		*31 - 141*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-71124-2 MSD
Matrix: Solid
Analysis Batch: 416901

Client Sample ID: Filter Press Solids
Prep Type: TCLP
Prep Batch: 416102

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene	0.050	U	0.499	0.362		mg/L		73	63 - 130	1	50
Hexachlorobenzene	0.050	U	0.499	0.342		mg/L		69	52 - 130	1	50
Hexachlorobutadiene	0.050	U	0.499	0.248		mg/L		50	36 - 130	1	50
Hexachloroethane	0.050	U	0.499	0.215		mg/L		43	39 - 130	5	50
2-Methylphenol	0.050	U	0.499	0.303		mg/L		61	55 - 130	1	50
3 & 4 Methylphenol	0.050	U	0.499	0.308		mg/L		62	35 - 130	2	50
Nitrobenzene	0.050	U	0.499	0.389		mg/L		78	56 - 130	6	50
Pentachlorophenol	0.25	U	0.997	0.742		mg/L		74	42 - 138	3	50
Pyridine	0.25	U J3	0.499	0.25	U J3	mg/L		0	10 - 130	NC	50
2,4,5-Trichlorophenol	0.050	U	0.499	0.331		mg/L		66	61 - 130	3	50
2,4,6-Trichlorophenol	0.050	U	0.499	0.341		mg/L		68	57 - 130	7	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*68*		*38 - 130*
2-Fluorophenol	*51*		*25 - 130*
Nitrobenzene-d5	*62*		*39 - 130*
Phenol-d5	*52*		*25 - 130*
Terphenyl-d14	*70*		*10 - 143*
2,4,6-Tribromophenol	*74*		*31 - 141*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 680-416101/1-A
Matrix: Solid
Analysis Batch: 416428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 416101

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.020	U	0.020	0.020	mg/L		12/24/15 09:14	12/28/15 14:34	1
Barium	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 14:34	1
Cadmium	0.010	U	0.010	0.010	mg/L		12/24/15 09:14	12/28/15 14:34	1
Chromium	0.020	U	0.020	0.020	mg/L		12/24/15 09:14	12/28/15 14:34	1
Lead	0.020	U	0.020	0.020	mg/L		12/24/15 09:14	12/28/15 14:34	1
Selenium	0.050	U	0.050	0.050	mg/L		12/24/15 09:14	12/28/15 14:34	1
Silver	0.010	U	0.010	0.010	mg/L		12/24/15 09:14	12/28/15 14:34	1

Lab Sample ID: LCS 680-416101/2-A
Matrix: Solid
Analysis Batch: 416428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 416101

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.00	1.92		mg/L		96	80 - 120
Barium	2.00	2.01		mg/L		100	80 - 120
Cadmium	1.00	0.982		mg/L		98	80 - 120
Chromium	2.00	1.97		mg/L		98	80 - 120
Lead	10.0	9.74		mg/L		97	80 - 120
Selenium	2.00	1.96		mg/L		98	80 - 120
Silver	1.00	1.01		mg/L		101	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LB 680-415744/1-B
Matrix: Solid
Analysis Batch: 416428

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 416101

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:24	1
Barium	1.0	U	1.0	1.0	mg/L		12/24/15 09:14	12/28/15 15:24	1
Cadmium	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 15:24	1
Chromium	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:24	1
Lead	0.20	U	0.20	0.20	mg/L		12/24/15 09:14	12/28/15 15:24	1
Selenium	0.50	U	0.50	0.50	mg/L		12/24/15 09:14	12/28/15 15:24	1
Silver	0.10	U	0.10	0.10	mg/L		12/24/15 09:14	12/28/15 15:24	1

Lab Sample ID: 660-71124-1 MS
Matrix: Solid
Analysis Batch: 416428

Client Sample ID: Spent Carbon
Prep Type: TCLP
Prep Batch: 416101

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.20	U	1.60	1.50		mg/L		94	75 - 125
Barium	1.0	U	1.60	1.44		mg/L		90	75 - 125
Cadmium	0.10	U	1.60	1.48		mg/L		93	75 - 125
Chromium	0.20	U	1.60	1.49		mg/L		93	75 - 125
Lead	0.20	U	1.60	1.48		mg/L		93	75 - 125
Selenium	0.50	U	1.60	1.56		mg/L		98	75 - 125
Silver	0.10	U	1.60	1.40		mg/L		87	75 - 125

Lab Sample ID: 660-71124-1 MSD
Matrix: Solid
Analysis Batch: 416428

Client Sample ID: Spent Carbon
Prep Type: TCLP
Prep Batch: 416101

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.20	U	1.60	1.51		mg/L		95	75 - 125	1	20
Barium	1.0	U	1.60	1.46		mg/L		91	75 - 125	1	20
Cadmium	0.10	U	1.60	1.51		mg/L		94	75 - 125	2	20
Chromium	0.20	U	1.60	1.50		mg/L		94	75 - 125	1	20
Lead	0.20	U	1.60	1.49		mg/L		93	75 - 125	1	20
Selenium	0.50	U	1.60	1.54		mg/L		96	75 - 125	1	20
Silver	0.10	U	1.60	1.45		mg/L		91	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-416139/1-A
Matrix: Solid
Analysis Batch: 416402

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 416139

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00020	0.00020	mg/L		12/24/15 11:37	12/28/15 14:05	1

Lab Sample ID: LCS 680-416139/2-A
Matrix: Solid
Analysis Batch: 416402

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 416139

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.250	0.246		mg/L		98	80 - 120

QC Sample Results

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Lab Sample ID: LB 680-415744/1-D
Matrix: Solid
Analysis Batch: 416402

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 416139

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.020	mg/L		12/24/15 11:37	12/28/15 14:32	1

Lab Sample ID: 660-71124-1 MS
Matrix: Solid
Analysis Batch: 416402

Client Sample ID: Spent Carbon
Prep Type: TCLP
Prep Batch: 416139

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.020	U	0.0830	0.0719		mg/L		87	80 - 120

Lab Sample ID: 660-71124-1 MSD
Matrix: Solid
Analysis Batch: 416402

Client Sample ID: Spent Carbon
Prep Type: TCLP
Prep Batch: 416139

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.020	U	0.0830	0.0735		mg/L		89	80 - 120	2	20

GC/MS VOA

Analysis Batch: 164851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	8260B	164866
660-71124-2	Filter Press Solids	TCLP	Solid	8260B	164866
660-71124-2 MS	Filter Press Solids	TCLP	Solid	8260B	
660-71124-2 MSD	Filter Press Solids	TCLP	Solid	8260B	
LB 660-164866/1-A	Method Blank	TCLP	Solid	8260B	164866
LCS 660-164851/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 660-164851/6	Method Blank	Total/NA	Solid	8260B	

Leach Batch: 164866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	1311	
660-71124-2	Filter Press Solids	TCLP	Solid	1311	
LB 660-164866/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 164905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71123-C-2 DU	Duplicate	Total/NA	Water	8260B	
660-71123-C-3 MS	Matrix Spike	Total/NA	Water	8260B	
660-71124-3	Trip Blank	Total/NA	Water	8260B	
LCS 660-164905/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-164905/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-164905/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 164968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	Total/NA	Solid	8260B	165003
660-71124-1 DU	Spent Carbon	Total/NA	Solid	8260B	165003
660-71124-1 MS	Spent Carbon	Total/NA	Solid	8260B	165003
LCS 660-164968/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 660-164968/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 165003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	Total/NA	Solid	5030A	
660-71124-1 DU	Spent Carbon	Total/NA	Solid	5030A	
660-71124-1 MS	Spent Carbon	Total/NA	Solid	5030A	

GC/MS Semi VOA

Leach Batch: 415744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	1311	
660-71124-2	Filter Press Solids	TCLP	Solid	1311	
660-71124-2 MS	Filter Press Solids	TCLP	Solid	1311	
660-71124-2 MSD	Filter Press Solids	TCLP	Solid	1311	
LB 680-415744/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 416102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	3520C	415744

GC/MS Semi VOA (Continued)

Prep Batch: 416102 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-2	Filter Press Solids	TCLP	Solid	3520C	415744
660-71124-2 MS	Filter Press Solids	TCLP	Solid	3520C	415744
660-71124-2 MSD	Filter Press Solids	TCLP	Solid	3520C	415744
LB 680-415744/1-C	Method Blank	TCLP	Solid	3520C	415744
LCS 680-416102/13-A	Lab Control Sample	Total/NA	Solid	3520C	
MB 680-416102/12-A	Method Blank	Total/NA	Solid	3520C	

Analysis Batch: 416901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	8270C	416102
660-71124-2	Filter Press Solids	TCLP	Solid	8270C	416102
660-71124-2 MS	Filter Press Solids	TCLP	Solid	8270C	416102
660-71124-2 MSD	Filter Press Solids	TCLP	Solid	8270C	416102
LB 680-415744/1-C	Method Blank	TCLP	Solid	8270C	416102
LCS 680-416102/13-A	Lab Control Sample	Total/NA	Solid	8270C	416102
MB 680-416102/12-A	Method Blank	Total/NA	Solid	8270C	416102

Metals

Leach Batch: 415744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	1311	
660-71124-1 MS	Spent Carbon	TCLP	Solid	1311	
660-71124-1 MSD	Spent Carbon	TCLP	Solid	1311	
660-71124-2	Filter Press Solids	TCLP	Solid	1311	
LB 680-415744/1-B	Method Blank	TCLP	Solid	1311	
LB 680-415744/1-D	Method Blank	TCLP	Solid	1311	

Prep Batch: 416101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	3010A	415744
660-71124-1 MS	Spent Carbon	TCLP	Solid	3010A	415744
660-71124-1 MSD	Spent Carbon	TCLP	Solid	3010A	415744
660-71124-2	Filter Press Solids	TCLP	Solid	3010A	415744
LB 680-415744/1-B	Method Blank	TCLP	Solid	3010A	415744
LCS 680-416101/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 680-416101/1-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 416139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	7470A	415744
660-71124-1 MS	Spent Carbon	TCLP	Solid	7470A	415744
660-71124-1 MSD	Spent Carbon	TCLP	Solid	7470A	415744
660-71124-2	Filter Press Solids	TCLP	Solid	7470A	415744
LB 680-415744/1-D	Method Blank	TCLP	Solid	7470A	415744
LCS 680-416139/2-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 680-416139/1-A	Method Blank	Total/NA	Solid	7470A	

Metals (Continued)

Analysis Batch: 416402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	7470A	416139
660-71124-1 MS	Spent Carbon	TCLP	Solid	7470A	416139
660-71124-1 MSD	Spent Carbon	TCLP	Solid	7470A	416139
660-71124-2	Filter Press Solids	TCLP	Solid	7470A	416139
LB 680-415744/1-D	Method Blank	TCLP	Solid	7470A	416139
LCS 680-416139/2-A	Lab Control Sample	Total/NA	Solid	7470A	416139
MB 680-416139/1-A	Method Blank	Total/NA	Solid	7470A	416139

Analysis Batch: 416428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	TCLP	Solid	6010B	416101
660-71124-1 MS	Spent Carbon	TCLP	Solid	6010B	416101
660-71124-1 MSD	Spent Carbon	TCLP	Solid	6010B	416101
660-71124-2	Filter Press Solids	TCLP	Solid	6010B	416101
LB 680-415744/1-B	Method Blank	TCLP	Solid	6010B	416101
LCS 680-416101/2-A	Lab Control Sample	Total/NA	Solid	6010B	416101
MB 680-416101/1-A	Method Blank	Total/NA	Solid	6010B	416101

General Chemistry

Analysis Batch: 164736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-71124-1	Spent Carbon	Total/NA	Solid	Moisture	
660-71131-A-8 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Client Sample ID: Spent Carbon
Lab Sample ID: 660-71124-1
Date Collected: 12/15/15 15:00
Matrix: Solid
Date Received: 12/16/15 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			164866	12/22/15 16:50	TGP	TAL TAM
TCLP	Analysis	8260B		10	164851	12/23/15 15:11	TGP	TAL TAM
TCLP	Leach	1311			415744	12/22/15 18:30	WRB	TAL SAV
TCLP	Prep	3520C			416102	12/24/15 16:14	RBS	TAL SAV
TCLP	Analysis	8270C		1	416901	01/04/16 02:15	KMB	TAL SAV
TCLP	Leach	1311			415744	12/22/15 18:30	WRB	TAL SAV
TCLP	Prep	3010A			416101	12/24/15 09:14	CRW	TAL SAV
TCLP	Analysis	6010B		1	416428	12/28/15 15:29	BCB	TAL SAV
TCLP	Leach	1311			415744	12/22/15 18:30	WRB	TAL SAV
TCLP	Prep	7470A			416139	12/24/15 11:37	BCB	TAL SAV
TCLP	Analysis	7470A		1	416402	12/28/15 14:35	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	164736	12/21/15 05:42	AJG	TAL TAM

Client Sample ID: Spent Carbon
Lab Sample ID: 660-71124-1
Date Collected: 12/15/15 15:00
Matrix: Solid
Date Received: 12/16/15 16:00
Percent Solids: 57.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030A			165003	12/28/15 10:30	ECC	TAL TAM
Total/NA	Analysis	8260B		1	164968	12/28/15 10:43	ECC	TAL TAM

Client Sample ID: Filter Press Solids
Lab Sample ID: 660-71124-2
Date Collected: 12/15/15 16:00
Matrix: Solid
Date Received: 12/16/15 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			164866	12/22/15 16:50	TGP	TAL TAM
TCLP	Analysis	8260B		10	164851	12/23/15 15:30	TGP	TAL TAM
TCLP	Leach	1311			415744	12/22/15 18:30	WRB	TAL SAV
TCLP	Prep	3520C			416102	12/24/15 16:14	RBS	TAL SAV
TCLP	Analysis	8270C		1	416901	01/04/16 02:38	KMB	TAL SAV
TCLP	Leach	1311			415744	12/22/15 18:30	WRB	TAL SAV
TCLP	Prep	3010A			416101	12/24/15 09:14	CRW	TAL SAV
TCLP	Analysis	6010B		1	416428	12/28/15 15:42	BCB	TAL SAV
TCLP	Leach	1311			415744	12/22/15 18:30	WRB	TAL SAV
TCLP	Prep	7470A			416139	12/24/15 11:37	BCB	TAL SAV
TCLP	Analysis	7470A		1	416402	12/28/15 14:51	BCB	TAL SAV

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Client Sample ID: Trip Blank

Date Collected: 12/15/15 00:00
Date Received: 12/16/15 16:00

Lab Sample ID: 660-71124-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	164905	12/24/15 11:18	ECC	TAL TAM

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
6010B	Metals (ICP)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Laboratory: TestAmerica Tampa

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-17
A2LA	ISO/IEC 17025		399.01	02-28-17
Alabama	State Program	4	41450	06-30-16
Alaska (UST)	State Program	10	UST-104	11-05-16
Arkansas DEQ	State Program	6	88-0692	01-31-16 *
California	State Program	9	2939	07-31-16
Colorado	State Program	8	N/A	12-31-16
Connecticut	State Program	1	PH-0161	03-31-17
Florida	NELAP	4	E87052	06-30-16
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	803	06-30-16
Guam	State Program	9	14-004r	04-16-16
Hawaii	State Program	9	N/A	06-30-16
Illinois	NELAP	5	200022	11-30-16
Indiana	State Program	5	N/A	06-30-16
Iowa	State Program	7	353	06-30-17
Kentucky (DW)	State Program	4	90084	12-31-16
Kentucky (UST)	State Program	4	18	06-30-16
Kentucky (WW)	State Program	4	90084	12-31-15 *
Louisiana	NELAP	6	30690	06-30-16
Louisiana (DW)	NELAP	6	LA160019	12-31-16
Maine	State Program	1	GA00006	09-24-16
Maryland	State Program	3	250	12-31-16
Massachusetts	State Program	1	M-GA006	06-30-16
Michigan	State Program	5	9925	03-05-16
Mississippi	State Program	4	N/A	06-30-16
Nebraska	State Program	7	TestAmerica-Savannah	06-30-16
New Jersey	NELAP	2	GA769	06-30-16
New Mexico	State Program	6	N/A	06-30-16
New York	NELAP	2	10842	03-31-16
North Carolina (DW)	State Program	4	13701	07-31-16
North Carolina (WW/SW)	State Program	4	269	12-31-16
Oklahoma	State Program	6	9984	08-31-16
Pennsylvania	NELAP	3	68-00474	06-30-16
Puerto Rico	State Program	2	GA00006	12-31-16
South Carolina	State Program	4	98001	06-30-16
Tennessee	State Program	4	TN02961	06-30-16
Texas	NELAP	6	T104704185-14-7	11-30-16
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-16

* Certification renewal pending - certification considered valid.

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast

TestAmerica Job ID: 660-71124-1

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Washington	State Program	10	C805	06-10-16
West Virginia (DW)	State Program	3	9950C	12-31-15 *
West Virginia DEP	State Program	3	094	06-30-16
Wisconsin	State Program	5	999819810	08-31-16
Wyoming	State Program	8	8TMS-L	06-30-16

* Certification renewal pending - certification considered valid.

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Darrin Johnson	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-66166-21219.1
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 1 of 1
Company: AECOM Technical Services Inc.				Job #:
Address: 150 North Orange Avenue Suite 200	Due Date Requested:			
City: Orlando	TAT Requested (days): Standard			
State, Zip: FL, 32801				
Phone: 407-948-8930(Tel)	PO #: 89016ACM			
Email: Darrin.Johnson@aecom.com	WO #: 60313454.03.09.01			
Project Name: Tallevast	Project #: 66006091			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Moisture - Percent Moisture	8260B - Volatiles TCLP	8260B - Volatile Organic Compounds	6010B, 7470A TCLP	8270C - (MOD) TCLP	8260B - VOCs full list	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		N	N	A		
Spent Carbon	12-15-15	15:00	C	Solid	N	N	1	1	4	1	1	3		
Filter Press Solids	12-15-15	16:00	C	Solid	N	N	X	1		1	1			
				~~Water~~	N	N								

Loc: 660
71124

660-71124 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date: 12-10-15	Time: 1040		Method of Shipment: Courier	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12-15-15 1400	Company AECOM
Relinquished by:	Date/Time: 12-16-15 1240	Company AECOM	Received by:	Date/Time: 12.16.15 1240	Company TA Tampa
Relinquished by:	Date/Time: 12.16.15 1600	Company TA Tampa	Received by:	Date/Time: 12-16-15 1600	Company TA TPA
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temperature(s) °C and Other Remarks:	0.2/0.6	

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Gudnason, Haukur M	Carrier Tracking No(s):	COC No: 660-84060.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: haukur.gudnason@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 660-71124-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 12/30/2015			
City: Savannah	TAT Requested (days):			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #			
Email	WO #			
Project Name: Tallevast	Project #: 66006091			
Site	SSOW#:			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B/1311_T RCRA Metals	7470A/1311_T	8270C/1311_T (MOD) TCLP	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
Spent Carbon (660-71124-1)	12/15/15	15:00 Eastern		Solid			X	X	X	2	
Filter Press Solids (660-71124-2)	12/15/15	16.00 Eastern		Solid			X	X	X	2	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	12/21/15 1630	[illegible]	[signature]	12/22/15 0755	[illegible]
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.2/0.6 0.6/1.0 1.2/1.6 1.0/1.4 2.2/2.6

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-71124-1

Login Number: 71124
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank not listed on COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-71124-1

Login Number: 71124
List Number: 2
Creator: Kirkland, Keyon A

List Source: TestAmerica Savannah
List Creation: 12/22/15 09:50 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

VAPOR PHASE CARBON WASTE PROFILE AND ACCEPTANCE

Non-Hazardous WAM Approval

Requested Management Facility: Okeechobee Landfill

Profile Number: 403722FL Waste Approval Expiration Date: 12/29/2016

APPROVAL DETAILS

Approval Decision: ☑ Approved ☐ Not Approved Profile Renewal: ☐ Yes ☑ No

Management Method: Direct Landfill

Generator Name: Darrin Johnson on behalf of LMC

Management Facility Precautions, Special Handling Procedures or Limitation on approval:

- Shall not contain free liquids.
- Waste manifest or applicable shipping document must accompany load.

Additional Conditions:

WM Authorization Name: John Fanning Title: Waste Approval Manager

WM Authorization Signature: _____ Date: 12/29/2014

Agency Authorization (if Required): _____ Date: _____

Last Revised May 2, 2014
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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-62930-1
Client Project/Site: Tallevast Vapor Phase Carbon

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
9/30/2014 9:16:59 AM

Nancy Robertson, Project Manager II
(813)885-7427
nancy.robertson@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Vapor Phase Carbon

TestAmerica Job ID: 660-62930-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-62930-1	Vapor Phase Carbon	Solid	09/18/14 10:00	09/19/14 14:05

Job ID: 660-62930-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-62930-1

Comments
No additional comments.

Receipt
The samples were received on 9/19/2014 2:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2º C.

GC/MS VOA
Method Total 8260B: Unable to run Vapor Phase Carbon (660-62930-1) low level because all internal standards were out of control when analysis was attempted due to matrix interference. Elevated reporting limits (RLs) are provided.

Method TCLP 8260B: The following sample was diluted due to the nature of the sample matrix: Vapor Phase Carbon (660-62930-1). Elevated reporting limits (RLs) are provided.

Method 8260B: Internal standard responses were outside of acceptance limits for the following sample: (660-62930-1 DU). The sample shows evidence of matrix interference. Batch 151774.

Method 8260B: The matrix spike and duplicate recoveries for batch 151774 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

No additional analytical or quality issues were noted, other than those described

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
*	ISTD response or retention time outside acceptable limits

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Vapor Phase Carbon

TestAmerica Job ID: 660-62930-1

Client Sample ID: Vapor Phase Carbon — Lab Sample ID: 660-62930-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	530		500	30	ug/L	1		6010B	TCLP
Lead	47	I	1000	40	ug/L	1		6010B	TCLP

This Detection Summary does not include radiochemical test results.

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Vapor Phase Carbon

TestAmerica Job ID: 660-62930-1

Client Sample ID: Vapor Phase Carbon
Date Collected: 09/18/14 10:00
Date Received: 09/19/14 14:05

Lab Sample ID: 660-62930-1
Matrix: Solid
Percent Solids: 93.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3700	U	9200	3700	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Benzene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Bromobenzene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Bromoform	390	U	920	390	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Bromomethane	660	U	1800	660	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
2-Butanone (MEK)	1200	U	4600	1200	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Carbon disulfide	920	U	1800	920	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Carbon tetrachloride	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Chlorobenzene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Chlorobromomethane	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Chlorodibromomethane	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Chloroethane	410	U	1800	410	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Chloroform	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Chloromethane	460	U	1800	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
2-Chlorotoluene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
4-Chlorotoluene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
cis-1,2-Dichloroethene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
cis-1,3-Dichloropropene	370	U	920	370	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,2-Dibromo-3-Chloropropane	660	U	1800	660	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Dibromomethane	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,2-Dichlorobenzene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,3-Dichlorobenzene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,4-Dichlorobenzene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Dichlorobromomethane	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Dichlorodifluoromethane	440	U	1800	440	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,1-Dichloroethane	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,2-Dichloroethane	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,1-Dichloroethene	410	U	920	410	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,2-Dichloropropane	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,3-Dichloropropane	370	U	920	370	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
2,2-Dichloropropane	370	U	920	370	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,1-Dichloropropene	370	U	920	370	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Ethylbenzene	370	U	920	370	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Ethylene Dibromide	220	U	920	220	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Hexachlorobutadiene	460	U J3	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
2-Hexanone	3000	U	4600	3000	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Isopropylbenzene	700	U	920	700	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
4-Isopropyltoluene	460	U J3	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Methylene Chloride	740	U	920	740	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
4-Methyl-2-pentanone (MIBK)	2000	U	4600	2000	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Methyl tert-butyl ether	920	U	1800	920	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
m-Xylene & p-Xylene	550	U	1800	550	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Naphthalene	630	U J3	920	630	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
n-Butylbenzene	390	U J3	920	390	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
N-Propylbenzene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
o-Xylene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
sec-Butylbenzene	440	U	920	440	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Styrene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
tert-Butylbenzene	370	U	920	370	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50

Client Sample ID: Vapor Phase Carbon
Date Collected: 09/18/14 10:00
Date Received: 09/19/14 14:05

Lab Sample ID: 660-62930-1
Matrix: Solid
Percent Solids: 93.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,1,2,2-Tetrachloroethane	630	U	920	630	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Tetrachloroethene	550	U	920	550	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Toluene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
trans-1,2-Dichloroethene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
trans-1,3-Dichloropropene	390	U	920	390	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,2,3-Trichlorobenzene	440	U J3	920	440	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,2,4-Trichlorobenzene	460	U J3	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,1,1-Trichloroethane	390	U	920	390	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,1,2-Trichloroethane	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Trichloroethene	390	U	920	390	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Trichlorofluoromethane	520	U	1800	520	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,2,3-Trichloropropane	550	U	920	550	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,2,4-Trimethylbenzene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
1,3,5-Trimethylbenzene	460	U	920	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50
Vinyl chloride	460	U	1800	460	ug/Kg	☼	09/24/14 08:13	09/24/14 13:33	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*67 - 138*	*09/24/14 08:13*	*09/24/14 13:33*	*50*
4-Bromofluorobenzene	*122*		*69 - 130*	*09/24/14 08:13*	*09/24/14 13:33*	*50*
Dibromofluoromethane	*98*		*63 - 139*	*09/24/14 08:13*	*09/24/14 13:33*	*50*

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.0	U	10	5.0	ug/L			09/24/14 09:23	10
Carbon tetrachloride	4.2	U	10	4.2	ug/L			09/24/14 09:23	10
Chlorobenzene	6.3	U	10	6.3	ug/L			09/24/14 09:23	10
Chloroform	9.0	U	10	9.0	ug/L			09/24/14 09:23	10
1,4-Dichlorobenzene	5.2	U	10	5.2	ug/L			09/24/14 09:23	10
1,2-Dichloroethane	5.7	U	10	5.7	ug/L			09/24/14 09:23	10
1,1-Dichloroethene	4.5	U	10	4.5	ug/L			09/24/14 09:23	10
2-Butanone (MEK)	84	U	100	84	ug/L			09/24/14 09:23	10
Trichloroethene	5.0	U	10	5.0	ug/L			09/24/14 09:23	10
Tetrachloroethene	5.0	U	10	5.0	ug/L			09/24/14 09:23	10
Vinyl chloride	5.0	U	10	5.0	ug/L			09/24/14 09:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*09/24/14 09:23*	*10*
Dibromofluoromethane	*104*		*70 - 130*		*09/24/14 09:23*	*10*
Toluene-d8 (Surr)	*110*		*70 - 130*		*09/24/14 09:23*	*10*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0043	U	0.025	0.0043	mg/L		09/25/14 17:00	09/26/14 22:05	1
2,4-Dinitrotoluene	0.0032	U	0.025	0.0032	mg/L		09/25/14 17:00	09/26/14 22:05	1
Hexachlorobenzene	0.0075	U	0.025	0.0075	mg/L		09/25/14 17:00	09/26/14 22:05	1
Hexachlorobutadiene	0.0043	U	0.025	0.0043	mg/L		09/25/14 17:00	09/26/14 22:05	1
Hexachloroethane	0.0050	U	0.025	0.0050	mg/L		09/25/14 17:00	09/26/14 22:05	1
Nitrobenzene	0.011	U	0.025	0.011	mg/L		09/25/14 17:00	09/26/14 22:05	1
Pentachlorophenol	0.0085	U	0.13	0.0085	mg/L		09/25/14 17:00	09/26/14 22:05	1

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Vapor Phase Carbon

TestAmerica Job ID: 660-62930-1

Client Sample ID: Vapor Phase Carbon
Date Collected: 09/18/14 10:00
Date Received: 09/19/14 14:05

Lab Sample ID: 660-62930-1
Matrix: Solid

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - TCLP (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.033	U	0.13	0.033	mg/L		09/25/14 17:00	09/26/14 22:05	1
2,4,5-Trichlorophenol	0.012	U	0.025	0.012	mg/L		09/25/14 17:00	09/26/14 22:05	1
2,4,6-Trichlorophenol	0.0065	U	0.025	0.0065	mg/L		09/25/14 17:00	09/26/14 22:05	1
Methyl Phenols,Total	0.010	U	0.025	0.010	mg/L		09/25/14 17:00	09/26/14 22:05	1
2-Methylphenol	0.010	U	0.025	0.010	mg/L		09/25/14 17:00	09/26/14 22:05	1
3 & 4 Methylphenol	0.010	U	0.025	0.010	mg/L		09/25/14 17:00	09/26/14 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*84*			*09/25/14 17:00*	*09/26/14 22:05*	*1*
2-Fluorobiphenyl	*75*			*09/25/14 17:00*	*09/26/14 22:05*	*1*
Terphenyl-d14 (Surr)	*90*			*09/25/14 17:00*	*09/26/14 22:05*	*1*
Phenol-d5 (Surr)	*69*			*09/25/14 17:00*	*09/26/14 22:05*	*1*
2-Fluorophenol (Surr)	*72*			*09/25/14 17:00*	*09/26/14 22:05*	*1*
2,4,6-Tribromophenol (Surr)	*83*			*09/25/14 17:00*	*09/26/14 22:05*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	50	U	500	50	ug/L		09/23/14 07:38	09/24/14 09:29	1
Arsenic	120	U	1000	120	ug/L		09/23/14 07:38	09/24/14 09:29	1
Barium	**530**		500	30	ug/L		09/23/14 07:38	09/24/14 09:29	1
Cadmium	18	U	500	18	ug/L		09/23/14 07:38	09/24/14 09:29	1
Chromium	50	U	1000	50	ug/L		09/23/14 07:38	09/24/14 09:29	1
Lead	**47**	**I**	1000	40	ug/L		09/23/14 07:38	09/24/14 09:29	1
Selenium	150	U	500	150	ug/L		09/23/14 07:38	09/24/14 09:29	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.50	U	0.70	0.50	ug/L		09/23/14 09:35	09/23/14 12:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB 660-151773/7
Matrix: Solid
Analysis Batch: 151773

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	ug/L			09/24/14 09:04	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/24/14 09:04	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			09/24/14 09:04	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/24/14 09:04	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/24/14 09:04	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			09/24/14 09:04	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/24/14 09:04	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			09/24/14 09:04	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/24/14 09:04	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			09/24/14 09:04	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			09/24/14 09:04	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*09/24/14 09:04*	*1*
Dibromofluoromethane	*100*		*70 - 130*		*09/24/14 09:04*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*09/24/14 09:04*	*1*

Lab Sample ID: MB 660-151773/6
Matrix: Solid
Analysis Batch: 151773

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.50	U	1.0	0.50	ug/L			09/24/14 08:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			09/24/14 08:34	1
Carbon tetrachloride	0.42	U	1.0	0.42	ug/L			09/24/14 08:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			09/24/14 08:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			09/24/14 08:34	1
1,4-Dichlorobenzene	0.52	U	1.0	0.52	ug/L			09/24/14 08:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			09/24/14 08:34	1
1,1-Dichloroethene	0.45	U	1.0	0.45	ug/L			09/24/14 08:34	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			09/24/14 08:34	1
Trichloroethene	0.50	U	1.0	0.50	ug/L			09/24/14 08:34	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			09/24/14 08:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 130*		*09/24/14 08:34*	*1*
Dibromofluoromethane	*101*		*70 - 130*		*09/24/14 08:34*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*09/24/14 08:34*	*1*

Lab Sample ID: LCS 660-151773/4
Matrix: Solid
Analysis Batch: 151773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	11.4		ug/L		114	68 - 134
2-Butanone (MEK)	100	98.5		ug/L		98	63 - 140
Carbon tetrachloride	10.0	9.55		ug/L		95	61 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-151773/4
Matrix: Solid
Analysis Batch: 151773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	10.0	9.78		ug/L		98	70 - 130
Chloroform	10.0	9.55		ug/L		96	68 - 130
1,4-Dichlorobenzene	10.0	10.7		ug/L		107	70 - 130
1,2-Dichloroethane	10.0	9.10		ug/L		91	70 - 130
1,1-Dichloroethene	10.0	10.8		ug/L		108	51 - 150
Tetrachloroethene	10.0	11.8		ug/L		118	50 - 143
Trichloroethene	10.0	11.7		ug/L		117	63 - 139
Vinyl chloride	10.0	8.66		ug/L		87	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*92*		*70 - 130*
Dibromofluoromethane	*95*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 660-151774/18
Matrix: Solid
Analysis Batch: 151774

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1000	U	2500	1000	ug/Kg			09/24/14 13:14	50
Benzene	130	U	250	130	ug/Kg			09/24/14 13:14	50
Bromobenzene	130	U	250	130	ug/Kg			09/24/14 13:14	50
Bromoform	110	U	250	110	ug/Kg			09/24/14 13:14	50
Bromomethane	180	U	500	180	ug/Kg			09/24/14 13:14	50
2-Butanone (MEK)	330	U	1300	330	ug/Kg			09/24/14 13:14	50
Carbon disulfide	250	U	500	250	ug/Kg			09/24/14 13:14	50
Carbon tetrachloride	130	U	250	130	ug/Kg			09/24/14 13:14	50
Chlorobenzene	130	U	250	130	ug/Kg			09/24/14 13:14	50
Chlorobromomethane	130	U	250	130	ug/Kg			09/24/14 13:14	50
Chlorodibromomethane	130	U	250	130	ug/Kg			09/24/14 13:14	50
Chloroethane	110	U	500	110	ug/Kg			09/24/14 13:14	50
Chloroform	130	U	250	130	ug/Kg			09/24/14 13:14	50
Chloromethane	130	U	500	130	ug/Kg			09/24/14 13:14	50
2-Chlorotoluene	130	U	250	130	ug/Kg			09/24/14 13:14	50
4-Chlorotoluene	130	U	250	130	ug/Kg			09/24/14 13:14	50
cis-1,2-Dichloroethene	130	U	250	130	ug/Kg			09/24/14 13:14	50
cis-1,3-Dichloropropene	100	U	250	100	ug/Kg			09/24/14 13:14	50
1,2-Dibromo-3-Chloropropane	180	U	500	180	ug/Kg			09/24/14 13:14	50
Dibromomethane	130	U	250	130	ug/Kg			09/24/14 13:14	50
1,2-Dichlorobenzene	130	U	250	130	ug/Kg			09/24/14 13:14	50
1,3-Dichlorobenzene	130	U	250	130	ug/Kg			09/24/14 13:14	50
1,4-Dichlorobenzene	130	U	250	130	ug/Kg			09/24/14 13:14	50
Dichlorobromomethane	130	U	250	130	ug/Kg			09/24/14 13:14	50
Dichlorodifluoromethane	120	U	500	120	ug/Kg			09/24/14 13:14	50
1,1-Dichloroethane	130	U	250	130	ug/Kg			09/24/14 13:14	50
1,2-Dichloroethane	130	U	250	130	ug/Kg			09/24/14 13:14	50
1,1-Dichloroethene	110	U	250	110	ug/Kg			09/24/14 13:14	50
1,2-Dichloropropane	130	U	250	130	ug/Kg			09/24/14 13:14	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-151774/18
Matrix: Solid
Analysis Batch: 151774

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	100	U	250	100	ug/Kg			09/24/14 13:14	50
2,2-Dichloropropane	100	U	250	100	ug/Kg			09/24/14 13:14	50
1,1-Dichloropropene	100	U	250	100	ug/Kg			09/24/14 13:14	50
Ethylbenzene	100	U	250	100	ug/Kg			09/24/14 13:14	50
Ethylene Dibromide	60	U	250	60	ug/Kg			09/24/14 13:14	50
Hexachlorobutadiene	130	U	250	130	ug/Kg			09/24/14 13:14	50
2-Hexanone	800	U	1300	800	ug/Kg			09/24/14 13:14	50
Isopropylbenzene	190	U	250	190	ug/Kg			09/24/14 13:14	50
4-Isopropyltoluene	130	U	250	130	ug/Kg			09/24/14 13:14	50
Methylene Chloride	200	U	250	200	ug/Kg			09/24/14 13:14	50
4-Methyl-2-pentanone (MIBK)	550	U	1300	550	ug/Kg			09/24/14 13:14	50
Methyl tert-butyl ether	250	U	500	250	ug/Kg			09/24/14 13:14	50
m-Xylene & p-Xylene	150	U	500	150	ug/Kg			09/24/14 13:14	50
Naphthalene	170	U	250	170	ug/Kg			09/24/14 13:14	50
n-Butylbenzene	110	U	250	110	ug/Kg			09/24/14 13:14	50
N-Propylbenzene	130	U	250	130	ug/Kg			09/24/14 13:14	50
o-Xylene	130	U	250	130	ug/Kg			09/24/14 13:14	50
sec-Butylbenzene	120	U	250	120	ug/Kg			09/24/14 13:14	50
Styrene	130	U	250	130	ug/Kg			09/24/14 13:14	50
tert-Butylbenzene	100	U	250	100	ug/Kg			09/24/14 13:14	50
1,1,1,2-Tetrachloroethane	130	U	250	130	ug/Kg			09/24/14 13:14	50
1,1,2,2-Tetrachloroethane	170	U	250	170	ug/Kg			09/24/14 13:14	50
Tetrachloroethene	150	U	250	150	ug/Kg			09/24/14 13:14	50
Toluene	130	U	250	130	ug/Kg			09/24/14 13:14	50
trans-1,2-Dichloroethene	130	U	250	130	ug/Kg			09/24/14 13:14	50
trans-1,3-Dichloropropene	110	U	250	110	ug/Kg			09/24/14 13:14	50
1,2,3-Trichlorobenzene	120	U	250	120	ug/Kg			09/24/14 13:14	50
1,2,4-Trichlorobenzene	130	U	250	130	ug/Kg			09/24/14 13:14	50
1,1,1-Trichloroethane	110	U	250	110	ug/Kg			09/24/14 13:14	50
1,1,2-Trichloroethane	130	U	250	130	ug/Kg			09/24/14 13:14	50
Trichloroethene	110	U	250	110	ug/Kg			09/24/14 13:14	50
Trichlorofluoromethane	140	U	500	140	ug/Kg			09/24/14 13:14	50
1,2,3-Trichloropropane	150	U	250	150	ug/Kg			09/24/14 13:14	50
1,2,4-Trimethylbenzene	130	U	250	130	ug/Kg			09/24/14 13:14	50
1,3,5-Trimethylbenzene	130	U	250	130	ug/Kg			09/24/14 13:14	50
Vinyl chloride	130	U	500	130	ug/Kg			09/24/14 13:14	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*69 - 130*		*09/24/14 13:14*	*50*
Dibromofluoromethane	*83*		*63 - 139*		*09/24/14 13:14*	*50*
Toluene-d8 (Surr)	*108*		*67 - 138*		*09/24/14 13:14*	*50*

Lab Sample ID: LCS 660-151774/16
Matrix: Solid
Analysis Batch: 151774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	25000	29200		ug/Kg		117	67 - 133

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-151774/16
Matrix: Solid
Analysis Batch: 151774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2500	2270		ug/Kg		91	61 - 131
Bromobenzene	2500	2620		ug/Kg		105	58 - 130
Bromoform	2500	2570		ug/Kg		103	62 - 130
Bromomethane	2500	1940		ug/Kg		77	48 - 136
2-Butanone (MEK)	25000	26900		ug/Kg		108	70 - 130
Carbon disulfide	2500	2180		ug/Kg		87	34 - 143
Carbon tetrachloride	2500	2370		ug/Kg		95	57 - 130
Chlorobenzene	2500	2610		ug/Kg		104	62 - 130
Chlorobromomethane	2500	2360		ug/Kg		94	50 - 130
Chlorodibromomethane	2500	2860		ug/Kg		115	57 - 130
Chloroethane	2500	1890		ug/Kg		76	49 - 140
Chloroform	2500	2390		ug/Kg		95	62 - 130
Chloromethane	2500	1790		ug/Kg		72	35 - 139
2-Chlorotoluene	2500	2630		ug/Kg		105	60 - 130
4-Chlorotoluene	2500	2620		ug/Kg		105	63 - 130
cis-1,2-Dichloroethene	2500	2420		ug/Kg		97	62 - 130
cis-1,3-Dichloropropene	2500	2350		ug/Kg		94	60 - 130
1,2-Dibromo-3-Chloropropane	2500	2750		ug/Kg		110	54 - 130
Dibromomethane	2500	3010		ug/Kg		121	68 - 130
1,2-Dichlorobenzene	2500	2690		ug/Kg		108	60 - 130
1,3-Dichlorobenzene	2500	2690		ug/Kg		108	55 - 130
1,4-Dichlorobenzene	2500	2670		ug/Kg		107	64 - 130
Dichlorobromomethane	2500	2310		ug/Kg		92	66 - 130
Dichlorodifluoromethane	2500	1810		ug/Kg		72	10 - 140
1,1-Dichloroethane	2500	2410		ug/Kg		97	47 - 130
1,2-Dichloroethane	2500	2470		ug/Kg		99	63 - 130
1,1-Dichloroethene	2500	2420		ug/Kg		97	54 - 144
1,2-Dichloropropane	2500	2770		ug/Kg		111	55 - 130
1,3-Dichloropropane	2500	2840		ug/Kg		114	63 - 130
2,2-Dichloropropane	2500	2320		ug/Kg		93	55 - 130
1,1-Dichloropropene	2500	2550		ug/Kg		102	55 - 130
Ethylbenzene	2500	2690		ug/Kg		108	68 - 130
Ethylene Dibromide	2500	2940		ug/Kg		118	64 - 130
Hexachlorobutadiene	2500	2520		ug/Kg		101	57 - 130
2-Hexanone	25000	27000		ug/Kg		108	69 - 136
Isopropylbenzene	2500	2290		ug/Kg		92	60 - 130
4-Isopropyltoluene	2500	2380		ug/Kg		95	64 - 130
Methylene Chloride	2500	2380		ug/Kg		95	50 - 135
4-Methyl-2-pentanone (MIBK)	25000	28300		ug/Kg		113	69 - 134
Methyl tert-butyl ether	2500	2460		ug/Kg		99	55 - 134
Naphthalene	2500	2430		ug/Kg		97	60 - 130
n-Butylbenzene	2500	2430		ug/Kg		97	63 - 130
N-Propylbenzene	2500	2350		ug/Kg		94	63 - 130
o-Xylene	2500	2760		ug/Kg		110	64 - 130
sec-Butylbenzene	2500	2400		ug/Kg		96	63 - 130
Styrene	2500	2670		ug/Kg		107	58 - 131
tert-Butylbenzene	2500	2330		ug/Kg		93	62 - 130
1,1,1,2-Tetrachloroethane	2500	2640		ug/Kg		106	56 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-151774/16
Matrix: Solid
Analysis Batch: 151774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	2500	2750		ug/Kg		110	64 - 130
Tetrachloroethene	2500	2570		ug/Kg		103	56 - 130
Toluene	2500	2610		ug/Kg		104	61 - 130
trans-1,2-Dichloroethene	2500	2430		ug/Kg		97	46 - 135
trans-1,3-Dichloropropene	2500	3020		ug/Kg		121	65 - 130
1,2,3-Trichlorobenzene	2500	2380		ug/Kg		95	57 - 130
1,2,4-Trichlorobenzene	2500	2410		ug/Kg		96	59 - 130
1,1,1-Trichloroethane	2500	2360		ug/Kg		95	57 - 130
1,1,2-Trichloroethane	2500	2900		ug/Kg		116	62 - 130
Trichloroethene	2500	2810		ug/Kg		112	54 - 131
Trichlorofluoromethane	2500	2050		ug/Kg		82	53 - 130
1,2,3-Trichloropropane	2500	2820		ug/Kg		113	60 - 130
1,2,4-Trimethylbenzene	2500	2730		ug/Kg		109	59 - 130
1,3,5-Trimethylbenzene	2500	2360		ug/Kg		94	58 - 130
Vinyl chloride	2500	1880		ug/Kg		75	46 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*69 - 130*
Dibromofluoromethane	*117*		*63 - 139*
Toluene-d8 (Surr)	*103*		*67 - 138*

Lab Sample ID: 660-62930-1 MS
Matrix: Solid
Analysis Batch: 151774

Client Sample ID: Vapor Phase Carbon
Prep Type: Total/NA
Prep Batch: 151825

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	3700	U	92200	112000		ug/Kg	☼	121	67 - 133
Benzene	460	U	9220	9730		ug/Kg	☼	106	61 - 131
Bromobenzene	460	U	9220	10200		ug/Kg	☼	111	58 - 130
Bromoform	390	U	9220	9270		ug/Kg	☼	101	62 - 130
Bromomethane	660	U	9220	5830		ug/Kg	☼	63	48 - 136
2-Butanone (MEK)	1200	U	92200	109000		ug/Kg	☼	118	70 - 130
Carbon disulfide	920	U	9220	9450		ug/Kg	☼	103	34 - 143
Carbon tetrachloride	460	U	9220	9210		ug/Kg	☼	100	57 - 130
Chlorobenzene	460	U	9220	9230		ug/Kg	☼	100	62 - 130
Chlorobromomethane	460	U	9220	9710		ug/Kg	☼	105	50 - 130
Chlorodibromomethane	460	U	9220	8990		ug/Kg	☼	98	57 - 130
Chloroethane	410	U	9220	7470		ug/Kg	☼	81	49 - 140
Chloroform	460	U	9220	9090		ug/Kg	☼	99	62 - 130
Chloromethane	460	U	9220	7650		ug/Kg	☼	83	35 - 139
2-Chlorotoluene	460	U	9220	8990		ug/Kg	☼	97	60 - 130
4-Chlorotoluene	460	U	9220	8690		ug/Kg	☼	94	63 - 130
cis-1,2-Dichloroethene	460	U	9220	9620		ug/Kg	☼	104	62 - 130
cis-1,3-Dichloropropene	370	U	9220	7740		ug/Kg	☼	84	60 - 130
1,2-Dibromo-3-Chloropropane	660	U	9220	10700		ug/Kg	☼	116	54 - 130
Dibromomethane	460	U	9220	9630		ug/Kg	☼	104	68 - 130
1,2-Dichlorobenzene	460	U	9220	7500		ug/Kg	☼	81	60 - 130
1,3-Dichlorobenzene	460	U	9220	7860		ug/Kg	☼	85	55 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-62930-1 MS
Matrix: Solid
Analysis Batch: 151774

Client Sample ID: Vapor Phase Carbon
Prep Type: Total/NA
Prep Batch: 151825

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	460	U	9220	7470		ug/Kg	☼	81	64 - 130
Dichlorobromomethane	460	U	9220	7310		ug/Kg	☼	79	66 - 130
Dichlorodifluoromethane	440	U	9220	7390		ug/Kg	☼	80	10 - 140
1,1-Dichloroethane	460	U	9220	9840		ug/Kg	☼	107	47 - 130
1,2-Dichloroethane	460	U	9220	9360		ug/Kg	☼	101	63 - 130
1,1-Dichloroethene	410	U	9220	10300		ug/Kg	☼	111	54 - 144
1,2-Dichloropropane	460	U	9220	9660		ug/Kg	☼	105	55 - 130
1,3-Dichloropropane	370	U	9220	9310		ug/Kg	☼	101	63 - 130
2,2-Dichloropropane	370	U	9220	8620		ug/Kg	☼	93	55 - 130
1,1-Dichloropropene	370	U	9220	10700		ug/Kg	☼	116	55 - 130
Ethylbenzene	370	U	9220	9310		ug/Kg	☼	101	68 - 130
Ethylene Dibromide	220	U	9220	9590		ug/Kg	☼	104	64 - 130
Hexachlorobutadiene	460	U J3	9220	2460	J3	ug/Kg	☼	27	57 - 130
2-Hexanone	3000	U	92200	90600		ug/Kg	☼	98	69 - 136
Isopropylbenzene	700	U	9220	8320		ug/Kg	☼	90	60 - 130
4-Isopropyltoluene	460	U J3	9220	5510	J3	ug/Kg	☼	60	64 - 130
Methylene Chloride	740	U	9220	10200		ug/Kg	☼	110	50 - 135
4-Methyl-2-pentanone (MIBK)	2000	U	92200	94100		ug/Kg	☼	102	69 - 134
Methyl tert-butyl ether	920	U	9220	9210		ug/Kg	☼	100	55 - 134
Naphthalene	630	U J3	9220	1650	J3	ug/Kg	☼	18	60 - 130
n-Butylbenzene	390	U J3	9220	4090	J3	ug/Kg	☼	44	63 - 130
N-Propylbenzene	460	U	9220	7580		ug/Kg	☼	82	63 - 130
o-Xylene	460	U	9220	8890		ug/Kg	☼	96	64 - 130
sec-Butylbenzene	440	U	9220	5970		ug/Kg	☼	65	63 - 130
Styrene	460	U	9220	8350		ug/Kg	☼	91	58 - 131
tert-Butylbenzene	370	U	9220	6450		ug/Kg	☼	70	62 - 130
1,1,1,2-Tetrachloroethane	460	U	9220	8600		ug/Kg	☼	93	56 - 130
1,1,2,2-Tetrachloroethane	630	U	9220	10400		ug/Kg	☼	113	64 - 130
Tetrachloroethene	550	U	9220	9810		ug/Kg	☼	106	56 - 130
Toluene	460	U	9220	9400		ug/Kg	☼	102	61 - 130
trans-1,2-Dichloroethene	460	U	9220	9720		ug/Kg	☼	105	46 - 135
trans-1,3-Dichloropropene	390	U	9220	9730		ug/Kg	☼	106	65 - 130
1,2,3-Trichlorobenzene	440	U J3	9220	1510	J3	ug/Kg	☼	16	57 - 130
1,2,4-Trichlorobenzene	460	U J3	9220	1620	J3	ug/Kg	☼	18	59 - 130
1,1,1-Trichloroethane	390	U	9220	9270		ug/Kg	☼	101	57 - 130
1,1,2-Trichloroethane	460	U	9220	9560		ug/Kg	☼	104	62 - 130
Trichloroethene	390	U	9220	10100		ug/Kg	☼	109	54 - 131
Trichlorofluoromethane	520	U	9220	8300		ug/Kg	☼	90	53 - 130
1,2,3-Trichloropropane	550	U	9220	11100		ug/Kg	☼	121	60 - 130
1,2,4-Trimethylbenzene	460	U	9220	6530		ug/Kg	☼	71	59 - 130
1,3,5-Trimethylbenzene	460	U	9220	6670		ug/Kg	☼	72	58 - 130
Vinyl chloride	460	U	9220	7970		ug/Kg	☼	86	46 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*109*		*69 - 130*
Dibromofluoromethane	*97*		*63 - 139*
Toluene-d8 (Surr)	*100*		*67 - 138*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-62930-1 DU
Matrix: Solid
Analysis Batch: 151774

Client Sample ID: Vapor Phase Carbon
Prep Type: Total/NA
Prep Batch: 151825

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	3700	U	3700	U	ug/Kg	☼	NC	40
Benzene	460	U	460	U	ug/Kg	☼	NC	40
Bromobenzene	460	U	460	U *	ug/Kg	☼	NC	40
Bromoform	390	U	390	U *	ug/Kg	☼	NC	40
Bromomethane	660	U	660	U	ug/Kg	☼	NC	40
2-Butanone (MEK)	1200	U	1200	U	ug/Kg	☼	NC	40
Carbon disulfide	920	U	920	U	ug/Kg	☼	NC	40
Carbon tetrachloride	460	U	460	U	ug/Kg	☼	NC	40
Chlorobenzene	460	U	460	U	ug/Kg	☼	NC	40
Chlorobromomethane	460	U	460	U	ug/Kg	☼	NC	40
Chlorodibromomethane	460	U	460	U	ug/Kg	☼	NC	40
Chloroethane	410	U	410	U	ug/Kg	☼	NC	40
Chloroform	460	U	460	U	ug/Kg	☼	NC	40
Chloromethane	460	U	460	U	ug/Kg	☼	NC	40
2-Chlorotoluene	460	U	460	U *	ug/Kg	☼	NC	40
4-Chlorotoluene	460	U	460	U *	ug/Kg	☼	NC	40
cis-1,2-Dichloroethene	460	U	460	U	ug/Kg	☼	NC	40
cis-1,3-Dichloropropene	370	U	370	U	ug/Kg	☼	NC	40
1,2-Dibromo-3-Chloropropane	660	U	660	U *	ug/Kg	☼	NC	40
Dibromomethane	460	U	460	U	ug/Kg	☼	NC	40
1,2-Dichlorobenzene	460	U	460	U *	ug/Kg	☼	NC	40
1,3-Dichlorobenzene	460	U	460	U *	ug/Kg	☼	NC	40
1,4-Dichlorobenzene	460	U	460	U *	ug/Kg	☼	NC	40
Dichlorobromomethane	460	U	460	U	ug/Kg	☼	NC	40
Dichlorodifluoromethane	440	U	440	U	ug/Kg	☼	NC	40
1,1-Dichloroethane	460	U	460	U	ug/Kg	☼	NC	40
1,2-Dichloroethane	460	U	460	U	ug/Kg	☼	NC	40
1,1-Dichloroethene	410	U	410	U	ug/Kg	☼	NC	40
1,2-Dichloropropane	460	U	460	U	ug/Kg	☼	NC	40
1,3-Dichloropropane	370	U	370	U	ug/Kg	☼	NC	40
2,2-Dichloropropane	370	U	370	U	ug/Kg	☼	NC	40
1,1-Dichloropropene	370	U	370	U	ug/Kg	☼	NC	40
Ethylbenzene	370	U	370	U	ug/Kg	☼	NC	40
Ethylene Dibromide	220	U	220	U	ug/Kg	☼	NC	40
Hexachlorobutadiene	460	U J3	460	U *	ug/Kg	☼	NC	40
2-Hexanone	3000	U	3000	U	ug/Kg	☼	NC	40
Isopropylbenzene	700	U	700	U *	ug/Kg	☼	NC	40
4-Isopropyltoluene	460	U J3	460	U *	ug/Kg	☼	NC	40
Methylene Chloride	740	U	740	U	ug/Kg	☼	NC	40
4-Methyl-2-pentanone (MIBK)	2000	U	2000	U	ug/Kg	☼	NC	40
Methyl tert-butyl ether	920	U	920	U	ug/Kg	☼	NC	40
m-Xylene & p-Xylene	550	U	550	U	ug/Kg	☼	NC	40
Naphthalene	630	U J3	630	U *	ug/Kg	☼	NC	40
n-Butylbenzene	390	U J3	390	U *	ug/Kg	☼	NC	40
N-Propylbenzene	460	U	460	U *	ug/Kg	☼	NC	40
o-Xylene	460	U	460	U	ug/Kg	☼	NC	40
sec-Butylbenzene	440	U	440	U *	ug/Kg	☼	NC	40
Styrene	460	U	460	U	ug/Kg	☼	NC	40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-62930-1 DU
Matrix: Solid
Analysis Batch: 151774

Client Sample ID: Vapor Phase Carbon
Prep Type: Total/NA
Prep Batch: 151825

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
tert-Butylbenzene	370	U	370	U *	ug/Kg	☼	NC	40
1,1,1,2-Tetrachloroethane	460	U	460	U	ug/Kg	☼	NC	40
1,1,2,2-Tetrachloroethane	630	U	630	U *	ug/Kg	☼	NC	40
Tetrachloroethene	550	U	550	U	ug/Kg	☼	NC	40
Toluene	460	U	460	U	ug/Kg	☼	NC	40
trans-1,2-Dichloroethene	460	U	460	U	ug/Kg	☼	NC	40
trans-1,3-Dichloropropene	390	U	390	U	ug/Kg	☼	NC	40
1,2,3-Trichlorobenzene	440	U J3	440	U *	ug/Kg	☼	NC	40
1,2,4-Trichlorobenzene	460	U J3	460	U *	ug/Kg	☼	NC	40
1,1,1-Trichloroethane	390	U	390	U	ug/Kg	☼	NC	40
1,1,2-Trichloroethane	460	U	460	U	ug/Kg	☼	NC	40
Trichloroethene	390	U	390	U	ug/Kg	☼	NC	40
Trichlorofluoromethane	520	U	520	U	ug/Kg	☼	NC	40
1,2,3-Trichloropropane	550	U	550	U *	ug/Kg	☼	NC	40
1,2,4-Trimethylbenzene	460	U	460	U *	ug/Kg	☼	NC	40
1,3,5-Trimethylbenzene	460	U	460	U *	ug/Kg	☼	NC	40
Vinyl chloride	460	U	460	U	ug/Kg	☼	NC	40

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*129*	*	*69 - 130*
Dibromofluoromethane	*89*		*63 - 139*
Toluene-d8 (Surr)	*101*		*67 - 138*

Lab Sample ID: 660-62930-1 MS
Matrix: Solid
Analysis Batch: 151773

Client Sample ID: Vapor Phase Carbon
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	5.0	U	100	124		ug/L		124	68 - 134
2-Butanone (MEK)	84	U	1000	990		ug/L		99	63 - 140
Carbon tetrachloride	4.2	U	100	97.2		ug/L		97	61 - 134
Chlorobenzene	6.3	U	100	106		ug/L		106	70 - 130
Chloroform	9.0	U	100	101		ug/L		101	68 - 130
1,4-Dichlorobenzene	5.2	U	100	110		ug/L		110	70 - 130
1,2-Dichloroethane	5.7	U	100	98.1		ug/L		98	70 - 130
1,1-Dichloroethene	4.5	U	100	122		ug/L		122	51 - 150
Tetrachloroethene	5.0	U	100	121		ug/L		121	50 - 143
Trichloroethene	5.0	U	100	122		ug/L		122	63 - 139
Vinyl chloride	5.0	U	100	95.7		ug/L		96	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*94*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-62930-1 MSD
Matrix: Solid
Analysis Batch: 151773

Client Sample ID: Vapor Phase Carbon
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	5.0	U	100	119		ug/L		119	68 - 134	5	30
2-Butanone (MEK)	84	U	1000	1120		ug/L		112	63 - 140	13	30
Carbon tetrachloride	4.2	U	100	102		ug/L		102	61 - 134	5	30
Chlorobenzene	6.3	U	100	111		ug/L		111	70 - 130	4	30
Chloroform	9.0	U	100	99.9		ug/L		100	68 - 130	1	30
1,4-Dichlorobenzene	5.2	U	100	110		ug/L		110	70 - 130	0	30
1,2-Dichloroethane	5.7	U	100	94.2		ug/L		94	70 - 130	4	30
1,1-Dichloroethene	4.5	U	100	110		ug/L		110	51 - 150	10	30
Tetrachloroethene	5.0	U	100	113		ug/L		113	50 - 143	7	30
Trichloroethene	5.0	U	100	117		ug/L		117	63 - 139	4	30
Vinyl chloride	5.0	U	100	92.1		ug/L		92	48 - 147	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*96*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 640-111890/1-A
Matrix: Solid
Analysis Batch: 111909

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111890

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0043	U	0.025	0.0043	mg/L		09/25/14 17:00	09/26/14 19:06	1
2,4-Dinitrotoluene	0.0032	U	0.025	0.0032	mg/L		09/25/14 17:00	09/26/14 19:06	1
Hexachlorobenzene	0.0075	U	0.025	0.0075	mg/L		09/25/14 17:00	09/26/14 19:06	1
Hexachlorobutadiene	0.0043	U	0.025	0.0043	mg/L		09/25/14 17:00	09/26/14 19:06	1
Hexachloroethane	0.0050	U	0.025	0.0050	mg/L		09/25/14 17:00	09/26/14 19:06	1
Nitrobenzene	0.011	U	0.025	0.011	mg/L		09/25/14 17:00	09/26/14 19:06	1
Pentachlorophenol	0.0085	U	0.13	0.0085	mg/L		09/25/14 17:00	09/26/14 19:06	1
Pyridine	0.033	U	0.13	0.033	mg/L		09/25/14 17:00	09/26/14 19:06	1
2,4,5-Trichlorophenol	0.012	U	0.025	0.012	mg/L		09/25/14 17:00	09/26/14 19:06	1
2,4,6-Trichlorophenol	0.0065	U	0.025	0.0065	mg/L		09/25/14 17:00	09/26/14 19:06	1
Methyl Phenols,Total	0.010	U	0.025	0.010	mg/L		09/25/14 17:00	09/26/14 19:06	1
2-Methylphenol	0.010	U	0.025	0.010	mg/L		09/25/14 17:00	09/26/14 19:06	1
3 & 4 Methylphenol	0.010	U	0.025	0.010	mg/L		09/25/14 17:00	09/26/14 19:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*81*			*09/25/14 17:00*	*09/26/14 19:06*	*1*
2-Fluorobiphenyl	*76*			*09/25/14 17:00*	*09/26/14 19:06*	*1*
Terphenyl-d14 (Surr)	*90*			*09/25/14 17:00*	*09/26/14 19:06*	*1*
Phenol-d5 (Surr)	*77*			*09/25/14 17:00*	*09/26/14 19:06*	*1*
2-Fluorophenol (Surr)	*78*			*09/25/14 17:00*	*09/26/14 19:06*	*1*
2,4,6-Tribromophenol (Surr)	*85*			*09/25/14 17:00*	*09/26/14 19:06*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 640-111890/3-A
Matrix: Solid
Analysis Batch: 111926

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111890

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dichlorobenzene			0.250	0.131		mg/L		52			
2,4-Dinitrotoluene			0.250	0.264		mg/L		106			
Hexachlorobenzene			0.250	0.212		mg/L		85			
Hexachlorobutadiene			0.250	0.164		mg/L		66			
Hexachloroethane			0.250	0.124		mg/L		50			
Nitrobenzene			0.250	0.205		mg/L		82			
Pentachlorophenol			0.500	0.425		mg/L		85			
Pyridine			0.250	0.150		mg/L		60			
2,4,5-Trichlorophenol			0.250	0.238		mg/L		95			
2,4,6-Trichlorophenol			0.250	0.215		mg/L		86			
2-Methylphenol			0.250	0.229		mg/L		92			
3 & 4 Methylphenol			0.250	0.010	U	mg/L		0			

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*81*		
2-Fluorobiphenyl	*81*		
Terphenyl-d14 (Surr)	*86*		
Phenol-d5 (Surr)	*81*		
2-Fluorophenol (Surr)	*76*		
2,4,6-Tribromophenol (Surr)	*98*		

Lab Sample ID: LCSD 640-111890/4-A
Matrix: Solid
Analysis Batch: 111926

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111890

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene			0.250	0.134		mg/L		54		2	
2,4-Dinitrotoluene			0.250	0.219		mg/L		87		19	
Hexachlorobenzene			0.250	0.182		mg/L		73		15	
Hexachlorobutadiene			0.250	0.162		mg/L		65		1	
Hexachloroethane			0.250	0.131		mg/L		53		6	
Nitrobenzene			0.250	0.192		mg/L		77		7	
Pentachlorophenol			0.500	0.356		mg/L		71		18	
Pyridine			0.250	0.151		mg/L		61		1	
2,4,5-Trichlorophenol			0.250	0.186		mg/L		74		25	
2,4,6-Trichlorophenol			0.250	0.186		mg/L		74		15	
2-Methylphenol			0.250	0.186		mg/L		74		21	
3 & 4 Methylphenol			0.250	0.010	U	mg/L		0		NC	

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*73*		
2-Fluorobiphenyl	*69*		
Terphenyl-d14 (Surr)	*64*		
Phenol-d5 (Surr)	*70*		
2-Fluorophenol (Surr)	*68*		
2,4,6-Tribromophenol (Surr)	*77*		

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 640-111886/1-B
Matrix: Solid
Analysis Batch: 111926

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 111890

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0043	U	0.025	0.0043	mg/L		09/25/14 17:00	09/27/14 11:03	1
2,4-Dinitrotoluene	0.0032	U	0.025	0.0032	mg/L		09/25/14 17:00	09/27/14 11:03	1
Hexachlorobenzene	0.0075	U	0.025	0.0075	mg/L		09/25/14 17:00	09/27/14 11:03	1
Hexachlorobutadiene	0.0043	U	0.025	0.0043	mg/L		09/25/14 17:00	09/27/14 11:03	1
Hexachloroethane	0.0050	U	0.025	0.0050	mg/L		09/25/14 17:00	09/27/14 11:03	1
Nitrobenzene	0.011	U	0.025	0.011	mg/L		09/25/14 17:00	09/27/14 11:03	1
Pentachlorophenol	0.0085	U	0.13	0.0085	mg/L		09/25/14 17:00	09/27/14 11:03	1
Pyridine	0.033	U	0.13	0.033	mg/L		09/25/14 17:00	09/27/14 11:03	1
2,4,5-Trichlorophenol	0.012	U	0.025	0.012	mg/L		09/25/14 17:00	09/27/14 11:03	1
2,4,6-Trichlorophenol	0.0065	U	0.025	0.0065	mg/L		09/25/14 17:00	09/27/14 11:03	1
Methyl Phenols,Total	0.010	U	0.025	0.010	mg/L		09/25/14 17:00	09/27/14 11:03	1
2-Methylphenol	0.010	U	0.025	0.010	mg/L		09/25/14 17:00	09/27/14 11:03	1
3 & 4 Methylphenol	0.010	U	0.025	0.010	mg/L		09/25/14 17:00	09/27/14 11:03	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*76*			*09/25/14 17:00*	*09/27/14 11:03*	*1*
2-Fluorobiphenyl	*69*			*09/25/14 17:00*	*09/27/14 11:03*	*1*
Terphenyl-d14 (Surr)	*73*			*09/25/14 17:00*	*09/27/14 11:03*	*1*
Phenol-d5 (Surr)	*68*			*09/25/14 17:00*	*09/27/14 11:03*	*1*
2-Fluorophenol (Surr)	*71*			*09/25/14 17:00*	*09/27/14 11:03*	*1*
2,4,6-Tribromophenol (Surr)	*75*			*09/25/14 17:00*	*09/27/14 11:03*	*1*

Lab Sample ID: 660-62930-1 MS
Matrix: Solid
Analysis Batch: 111909

Client Sample ID: Vapor Phase Carbon
Prep Type: TCLP
Prep Batch: 111890

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0043	U	0.250	0.147		mg/L		59	
2,4-Dinitrotoluene	0.0032	U	0.250	0.236		mg/L		94	
Hexachlorobenzene	0.0075	U	0.250	0.235		mg/L		94	
Hexachlorobutadiene	0.0043	U	0.250	0.191		mg/L		76	
Hexachloroethane	0.0050	U	0.250	0.143		mg/L		57	
Nitrobenzene	0.011	U	0.250	0.224		mg/L		90	
Pentachlorophenol	0.0085	U	0.500	0.493		mg/L		99	
Pyridine	0.033	U	0.250	0.197		mg/L		79	
2,4,5-Trichlorophenol	0.012	U	0.250	0.250		mg/L		100	
2,4,6-Trichlorophenol	0.0065	U	0.250	0.226		mg/L		90	
2-Methylphenol	0.010	U	0.250	0.253		mg/L		101	
3 & 4 Methylphenol	0.010	U	0.250	0.242		mg/L		97	

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*84*		
2-Fluorobiphenyl	*88*		
Terphenyl-d14 (Surr)	*81*		
Phenol-d5 (Surr)	*78*		
2-Fluorophenol (Surr)	*76*		
2,4,6-Tribromophenol (Surr)	*83*		

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-62930-1 MSD
Matrix: Solid
Analysis Batch: 111909

Client Sample ID: Vapor Phase Carbon
Prep Type: TCLP
Prep Batch: 111890

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	0.0043	U	0.250	0.149		mg/L		60		1	
2,4-Dinitrotoluene	0.0032	U	0.250	0.241		mg/L		96		2	
Hexachlorobenzene	0.0075	U	0.250	0.231		mg/L		93		2	
Hexachlorobutadiene	0.0043	U	0.250	0.181		mg/L		72		5	
Hexachloroethane	0.0050	U	0.250	0.145		mg/L		58		2	
Nitrobenzene	0.011	U	0.250	0.208		mg/L		83		8	
Pentachlorophenol	0.0085	U	0.500	0.510		mg/L		102		3	
Pyridine	0.033	U	0.250	0.172		mg/L		69		13	
2,4,5-Trichlorophenol	0.012	U	0.250	0.227		mg/L		91		10	
2,4,6-Trichlorophenol	0.0065	U	0.250	0.207		mg/L		83		9	
2-Methylphenol	0.010	U	0.250	0.240		mg/L		96		5	
3 & 4 Methylphenol	0.010	U	0.250	0.250		mg/L		100		3	

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*81*		
2-Fluorobiphenyl	*80*		
Terphenyl-d14 (Surr)	*83*		
Phenol-d5 (Surr)	*75*		
2-Fluorophenol (Surr)	*74*		
2,4,6-Tribromophenol (Surr)	*90*		

Method: 6010B - Metals (ICP)

Lab Sample ID: LCS 660-151745/2-A
Matrix: Solid
Analysis Batch: 151783

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 151745

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	5000	5310		ug/L		106	75 - 125
Arsenic	5000	5240		ug/L		105	75 - 125
Barium	5000	5000		ug/L		100	75 - 125
Cadmium	5000	5030		ug/L		101	75 - 125
Chromium	5000	5110		ug/L		102	75 - 125
Lead	5000	4930		ug/L		99	75 - 125
Selenium	5000	5230		ug/L		105	75 - 125

Lab Sample ID: LB 660-151743/1-B
Matrix: Solid
Analysis Batch: 151783

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 151745

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	50	U	500	50	ug/L		09/23/14 07:38	09/24/14 09:18	1
Arsenic	120	U	1000	120	ug/L		09/23/14 07:38	09/24/14 09:18	1
Barium	30	U	500	30	ug/L		09/23/14 07:38	09/24/14 09:18	1
Cadmium	18	U	500	18	ug/L		09/23/14 07:38	09/24/14 09:18	1
Chromium	50	U	1000	50	ug/L		09/23/14 07:38	09/24/14 09:18	1
Lead	40	U	1000	40	ug/L		09/23/14 07:38	09/24/14 09:18	1
Selenium	150	U	500	150	ug/L		09/23/14 07:38	09/24/14 09:18	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 660-62930-1 MS
Matrix: Solid
Analysis Batch: 151783

Client Sample ID: Vapor Phase Carbon
Prep Type: TCLP
Prep Batch: 151745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	50	U	5000	5240		ug/L		105	75 - 125
Arsenic	120	U	5000	5140		ug/L		103	75 - 125
Barium	530		5000	5330		ug/L		96	75 - 125
Cadmium	18	U	5000	4980		ug/L		100	75 - 125
Chromium	50	U	5000	5030		ug/L		101	75 - 125
Lead	47	I	5000	4850		ug/L		96	75 - 125
Selenium	150	U	5000	5150		ug/L		103	75 - 125

Lab Sample ID: 660-62930-1 MSD
Matrix: Solid
Analysis Batch: 151783

Client Sample ID: Vapor Phase Carbon
Prep Type: TCLP
Prep Batch: 151745

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	50	U	5000	5570		ug/L		111	75 - 125	6	20
Arsenic	120	U	5000	5450		ug/L		109	75 - 125	6	20
Barium	530		5000	5630		ug/L		102	75 - 125	5	20
Cadmium	18	U	5000	5310		ug/L		106	75 - 125	6	20
Chromium	50	U	5000	5350		ug/L		107	75 - 125	6	20
Lead	47	I	5000	5130		ug/L		102	75 - 125	6	20
Selenium	150	U	5000	5460		ug/L		109	75 - 125	6	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCS 660-151753/14-A
Matrix: Solid
Analysis Batch: 151767

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 151753

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.40	1.44		ug/L		103	80 - 120

Lab Sample ID: LB 660-151743/1-C
Matrix: Solid
Analysis Batch: 151767

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 151753

Analyte	LB Result	LB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.50	U	0.70	0.50	ug/L		09/23/14 09:35	09/23/14 12:38	1

Lab Sample ID: 660-62930-1 MS
Matrix: Solid
Analysis Batch: 151767

Client Sample ID: Vapor Phase Carbon
Prep Type: TCLP
Prep Batch: 151753

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.50	U	1.40	1.32		ug/L		95	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 660-62930-1 MSD
Matrix: Solid
Analysis Batch: 151767

Client Sample ID: Vapor Phase Carbon
Prep Type: TCLP
Prep Batch: 151753

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.50	U	1.40	1.38		ug/L		99	80 - 120	4	20

GC/MS VOA

Leach Batch: 151769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62930-1	Vapor Phase Carbon	TCLP	Solid	1311	

Analysis Batch: 151773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62930-1	Vapor Phase Carbon	TCLP	Solid	8260B	151769
660-62930-1 MS	Vapor Phase Carbon	TCLP	Solid	8260B	
660-62930-1 MSD	Vapor Phase Carbon	TCLP	Solid	8260B	
LB 660-151773/7	Method Blank	Total/NA	Solid	8260B	
LCS 660-151773/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 660-151773/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 151774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62930-1	Vapor Phase Carbon	Total/NA	Solid	8260B	151825
660-62930-1 DU	Vapor Phase Carbon	Total/NA	Solid	8260B	151825
660-62930-1 MS	Vapor Phase Carbon	Total/NA	Solid	8260B	151825
LCS 660-151774/16	Lab Control Sample	Total/NA	Solid	8260B	
MB 660-151774/18	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 151825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62930-1	Vapor Phase Carbon	Total/NA	Solid	5030B	
660-62930-1 DU	Vapor Phase Carbon	Total/NA	Solid	5030B	
660-62930-1 MS	Vapor Phase Carbon	Total/NA	Solid	5030B	

GC/MS Semi VOA

Leach Batch: 111886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62930-1	Vapor Phase Carbon	TCLP	Solid	1311	
660-62930-1 MS	Vapor Phase Carbon	TCLP	Solid	1311	
660-62930-1 MSD	Vapor Phase Carbon	TCLP	Solid	1311	
LB 640-111886/1-B	Method Blank	TCLP	Solid	1311	

Prep Batch: 111890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62930-1	Vapor Phase Carbon	TCLP	Solid	3520C	111886
660-62930-1 MS	Vapor Phase Carbon	TCLP	Solid	3520C	111886
660-62930-1 MSD	Vapor Phase Carbon	TCLP	Solid	3520C	111886
LB 640-111886/1-B	Method Blank	TCLP	Solid	3520C	111886
LCS 640-111890/3-A	Lab Control Sample	Total/NA	Solid	3520C	
LCSD 640-111890/4-A	Lab Control Sample Dup	Total/NA	Solid	3520C	
MB 640-111890/1-A	Method Blank	Total/NA	Solid	3520C	

Analysis Batch: 111909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62930-1	Vapor Phase Carbon	TCLP	Solid	8270D	111890
660-62930-1 MS	Vapor Phase Carbon	TCLP	Solid	8270D	111890
660-62930-1 MSD	Vapor Phase Carbon	TCLP	Solid	8270D	111890
MB 640-111890/1-A	Method Blank	Total/NA	Solid	8270D	111890

GC/MS Semi VOA (Continued)

Analysis Batch: 111926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 640-111886/1-B	Method Blank	TCLP	Solid	8270D	111890
LCS 640-111890/3-A	Lab Control Sample	Total/NA	Solid	8270D	111890
LCSD 640-111890/4-A	Lab Control Sample Dup	Total/NA	Solid	8270D	111890

Metals

Leach Batch: 151743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62930-1	Vapor Phase Carbon	TCLP	Solid	1311	
660-62930-1 MS	Vapor Phase Carbon	TCLP	Solid	1311	
660-62930-1 MSD	Vapor Phase Carbon	TCLP	Solid	1311	
LB 660-151743/1-B	Method Blank	TCLP	Solid	1311	
LB 660-151743/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 151745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62930-1	Vapor Phase Carbon	TCLP	Solid	3010A	151743
660-62930-1 MS	Vapor Phase Carbon	TCLP	Solid	3010A	151743
660-62930-1 MSD	Vapor Phase Carbon	TCLP	Solid	3010A	151743
LB 660-151743/1-B	Method Blank	TCLP	Solid	3010A	151743
LCS 660-151745/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 151753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62930-1	Vapor Phase Carbon	TCLP	Solid	7470A	151743
660-62930-1 MS	Vapor Phase Carbon	TCLP	Solid	7470A	151743
660-62930-1 MSD	Vapor Phase Carbon	TCLP	Solid	7470A	151743
LB 660-151743/1-C	Method Blank	TCLP	Solid	7470A	151743
LCS 660-151753/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 151767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62930-1	Vapor Phase Carbon	TCLP	Solid	7470A	151753
660-62930-1 MS	Vapor Phase Carbon	TCLP	Solid	7470A	151753
660-62930-1 MSD	Vapor Phase Carbon	TCLP	Solid	7470A	151753
LB 660-151743/1-C	Method Blank	TCLP	Solid	7470A	151753
LCS 660-151753/14-A	Lab Control Sample	Total/NA	Solid	7470A	151753

Analysis Batch: 151783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62930-1	Vapor Phase Carbon	TCLP	Solid	6010B	151745
660-62930-1 MS	Vapor Phase Carbon	TCLP	Solid	6010B	151745
660-62930-1 MSD	Vapor Phase Carbon	TCLP	Solid	6010B	151745
LB 660-151743/1-B	Method Blank	TCLP	Solid	6010B	151745
LCS 660-151745/2-A	Lab Control Sample	Total/NA	Solid	6010B	151745

General Chemistry

Analysis Batch: 151733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62914-A-7 DU	Duplicate	Total/NA	Solid	Moisture	
660-62930-1	Vapor Phase Carbon	Total/NA	Solid	Moisture	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Vapor Phase Carbon

TestAmerica Job ID: 660-62930-1

Client Sample ID: Vapor Phase Carbon

Lab Sample ID: 660-62930-1

Date Collected: 09/18/14 10:00

Matrix: Solid

Date Received: 09/19/14 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			151769	09/22/14 16:40	TGP	TAL TAM
TCLP	Analysis	8260B		10	151773	09/24/14 09:23	ECC	TAL TAM
Total/NA	Prep	5030B			151825	09/24/14 08:13	ECC	TAL TAM
Total/NA	Analysis	8260B		50	151774	09/24/14 13:33	ECC	TAL TAM
TCLP	Leach	1311			111886	09/22/14 15:00	CWA	TAL TAL
TCLP	Prep	3520C			111890	09/25/14 17:00	JCS	TAL TAL
TCLP	Analysis	8270D		1	111909	09/26/14 22:05	VHW	TAL TAL
TCLP	Leach	1311			151743	09/22/14 15:00	ALQ	TAL TAM
TCLP	Prep	3010A			151745	09/23/14 07:38	ALQ	TAL TAM
TCLP	Analysis	6010B		1	151783	09/24/14 09:29	GAF	TAL TAM
TCLP	Leach	1311			151743	09/22/14 15:00	ALQ	TAL TAM
TCLP	Prep	7470A			151753	09/23/14 09:35	GH1	TAL TAM
TCLP	Analysis	7470A		1	151767	09/23/14 12:43	GH1	TAL TAM
Total/NA	Analysis	Moisture		1	151733	09/22/14 07:39	AJG	TAL TAM

Laboratory References:

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Vapor Phase Carbon

TestAmerica Job ID: 660-62930-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL TAL
6010B	Metals (ICP)	SW846	TAL TAM
7470A	Mercury (CVAA)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Tallevast Vapor Phase Carbon

TestAmerica Job ID: 660-62930-1

Laboratory: TestAmerica Tampa

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-15

The following analytes are included in this report, but are not certified under this certification:

Analysis Method	Prep Method	Matrix	Analyte
8260B	5030B	Solid	m-Xylene & p-Xylene
8260B	5030B	Solid	o-Xylene

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-15
Georgia	State Program	4		06-30-15
Louisiana	NELAP	6	30663	06-30-15
New Jersey	NELAP	2	FL012	06-30-15
Texas	NELAP	6	T104704459-11-2	03-31-15

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

9/30/2014

Client Information	Sampler:	Lab PM: Nancy Robertson	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: AECOM				Job #:

Address: 1600 Tallevast Rd	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Sarasota	TAT Requested (days): Standard		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 34243			
Phone: 941-929-8747	PO #: 60313454 02.09.01		
Email: Darrin.Johnson@aecom.com	WO #:		Other:
Project Name: Vapor Phase Carbon Waste Profile	Project #:		
Site: Tallevast	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B TCLP	8270C TCLP	6010B TCLP	7470A TCLP	Total VOCs	Total Number of containers	Special Instructions/Note:
Preservation Code:					X	X	A	A				X	
Vapor Phase Carbon	9/18/14	10:00	G/C	Solid	N	N	1	1	1				

660-62930 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples ar e retained longer than 1 month)
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1					9-17-14 1400	AECOM
2		9-19-14 1300	AECOM		9-19-14 1301	TA Tampa
3		9-19-14 1405	TA Tampa		9-19-14 1405	TA TPA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		2.2/2.2 cu-09

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Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-62930-1

Login Number: 62930

List Source: TestAmerica Tampa

List Number: 1

Creator: Southers, Kristin B

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-62930-1

Login Number: 62930
List Number: 2
Creator: Savoie, Joseph L

List Source: TestAmerica Tallahassee
List Creation: 09/25/14 09:10 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-62930-1

Login Number: 62930
List Number: 3
Creator: Savoie, Joseph L

List Source: TestAmerica Tallahassee
List Creation: 09/25/14 09:50 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

PROCESS WATER WASTE PROFILE AND ACCEPTANCE

Disposal/Processing Facility

Waste Stream Approval Number: 8276-BW12

Clark Environmental, Inc.

755 Prairie Industrial Parkway

Mulberry, FL 33860

Permit Numbers:
38627-007-50/30
138634-004-50/27

I, James W. Clark III, an authorized representative of Clark Environmental, Inc. certify that Clark Environmental, Inc is licensed and permitted to accept the Lockeed Martin material: Non-RCRA Regulated Industrial Liquid Waste generated at 1600 Tallevast Road in Sarasota, FL 34243. Clark Environmental, Inc. will treat and/or dispose of the waste in accordance with all applicable local, state and federal laws and regulations at Heritage Crystal Clean in Plant City, FL.

Waste Facility Signature: James W. Clark III — James W. Clark III, Vice President

10-5-15
Date

Clark Environmental, Inc.
755 Prairie Industrial Pkwy.
Mulberry, Florida 33860
LOCAL 863-425-4884
TOLL-FREE 800-276-2187
FAX 863-425-2854

www.clarkenvironmental.com

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-68329-1
Client Project/Site: Process Samples

For:
AECOM Technical Services Inc.
150 North Orange Avenue
Suite 200
Orlando, Florida 32801

Attn: Mr. Lewis Davies

Authorized for release by:
8/3/2015 12:27:32 PM

Nancy Robertson, Project Manager II
(813)885-7427
nancy.robertson@testamericainc.com

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM Technical Services Inc.
Project/Site: Process Samples

TestAmerica Job ID: 660-68329-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-68329-1	AOP Feed	Water	07/31/15 09:00	07/31/15 12:50
660-68329-2	AOP-A effluent	Water	07/31/15 09:05	07/31/15 12:50
660-68329-3	AOP-B effluent	Water	07/31/15 09:10	07/31/15 12:50
660-68329-4	AOP-C Effluent	Water	07/31/15 09:15	07/31/15 12:50
660-68329-5	PGE	Water	07/31/15 09:20	07/31/15 12:50
660-68329-6	SGE	Water	07/31/15 09:25	07/31/15 12:50
660-68329-7	Combined Influent	Water	07/31/15 09:30	07/31/15 12:50

Job ID: 660-68329-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-68329-1

Comments
No additional comments.

Receipt
The samples were received on 7/31/2015 12:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM Technical Services Inc.
Project/Site: Process Samples

TestAmerica Job ID: 660-68329-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Process Samples

TestAmerica Job ID: 660-68329-1

Client Sample ID: AOP Feed — Lab Sample ID: 660-68329-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	7.2		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	12		1.0	0.67	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	22		1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.3		1.0	0.50	ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	1.5		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	64		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-A effluent — Lab Sample ID: 660-68329-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.8		1.0	0.52	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.60	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	4.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-B effluent — Lab Sample ID: 660-68329-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.7		1.0	0.52	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.67	I	1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.74	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: AOP-C Effluent — Lab Sample ID: 660-68329-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.7		1.0	0.52	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.67	I	1.0	0.65	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.55	I	1.0	0.50	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.9		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: PGE — Lab Sample ID: 660-68329-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.8		1.0	0.52	ug/L	1		8260B	Total/NA
1,4-Dioxane	6.4		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: SGE — Lab Sample ID: 660-68329-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.6		2.0	1.0	ug/L	1		8260C SIM	Total/NA

Client Sample ID: Combined Influent — Lab Sample ID: 660-68329-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	28		1.0	0.65	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	9.5		1.0	0.52	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	30		1.0	0.67	ug/L	1		8260B	Total/NA
Tetrachloroethene	11		1.0	0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.98	I	1.0	0.67	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AECOM Technical Services Inc.
Project/Site: Process Samples

TestAmerica Job ID: 660-68329-1

Client Sample ID: Combined Influent (Continued)

Lab Sample ID: 660-68329-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	17		1.0	0.61	ug/L	1		8260B	Total/NA
Vinyl chloride	4.6		1.0	0.71	ug/L	1		8260B	Total/NA
1,4-Dioxane	63		2.0	1.0	ug/L	1		8260C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AOP Feed

Lab Sample ID: 660-68329-1
Date Collected: 07/31/15 09:00
Matrix: Water
Date Received: 07/31/15 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**7.2**		1.0	0.52	ug/L			08/01/15 16:58	1
1,1-Dichloroethene	**12**		1.0	0.67	ug/L			08/01/15 16:58	1
cis-1,2-Dichloroethene	**22**		1.0	0.65	ug/L			08/01/15 16:58	1
Tetrachloroethene	**6.3**		1.0	0.50	ug/L			08/01/15 16:58	1
Trichloroethene	**11**		1.0	0.61	ug/L			08/01/15 16:58	1
Vinyl chloride	**1.5**		1.0	0.71	ug/L			08/01/15 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/01/15 16:58*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/01/15 16:58*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/01/15 16:58*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**64**		2.0	1.0	ug/L			08/01/15 15:51	1

Client Sample ID: AOP-A effluent

Lab Sample ID: 660-68329-2
Date Collected: 07/31/15 09:05
Matrix: Water
Date Received: 07/31/15 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.8**		1.0	0.52	ug/L			08/01/15 14:40	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/01/15 14:40	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/01/15 14:40	1
Tetrachloroethene	**0.60**	**I**	1.0	0.50	ug/L			08/01/15 14:40	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/01/15 14:40	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/01/15 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*08/01/15 14:40*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/01/15 14:40*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/01/15 14:40*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.4**		2.0	1.0	ug/L			08/01/15 13:26	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-68329-3
Date Collected: 07/31/15 09:10
Matrix: Water
Date Received: 07/31/15 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.7**		1.0	0.52	ug/L			08/01/15 14:57	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/01/15 14:57	1
cis-1,2-Dichloroethene	**0.67**	**I**	1.0	0.65	ug/L			08/01/15 14:57	1
Tetrachloroethene	**0.74**	**I**	1.0	0.50	ug/L			08/01/15 14:57	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/01/15 14:57	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/01/15 14:57	1

Client Sample ID: AOP-B effluent

Lab Sample ID: 660-68329-3
Matrix: Water
Date Collected: 07/31/15 09:10
Date Received: 07/31/15 12:50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*08/01/15 14:57*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*08/01/15 14:57*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/01/15 14:57*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.6**		2.0	1.0	ug/L			08/01/15 14:38	1

Client Sample ID: AOP-C Effluent

Lab Sample ID: 660-68329-4
Matrix: Water
Date Collected: 07/31/15 09:15
Date Received: 07/31/15 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**5.7**		1.0	0.52	ug/L			08/01/15 16:06	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/01/15 16:06	1
cis-1,2-Dichloroethene	**0.67**	**I**	1.0	0.65	ug/L			08/01/15 16:06	1
Tetrachloroethene	**0.55**	**I**	1.0	0.50	ug/L			08/01/15 16:06	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/01/15 16:06	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/01/15 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*08/01/15 16:06*	*1*
Dibromofluoromethane	*104*		*70 - 130*		*08/01/15 16:06*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/01/15 16:06*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.9**		2.0	1.0	ug/L			08/01/15 14:56	1

Client Sample ID: PGE

Lab Sample ID: 660-68329-5
Matrix: Water
Date Collected: 07/31/15 09:20
Date Received: 07/31/15 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**1.8**		1.0	0.52	ug/L			08/01/15 16:23	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/01/15 16:23	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/01/15 16:23	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/01/15 16:23	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/01/15 16:23	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/01/15 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*08/01/15 16:23*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/01/15 16:23*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/01/15 16:23*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.4**		2.0	1.0	ug/L			08/01/15 15:14	1

Client Sample ID: SGE

Lab Sample ID: 660-68329-6

Date Collected: 07/31/15 09:25

Matrix: Water

Date Received: 07/31/15 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/01/15 16:40	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/01/15 16:40	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/01/15 16:40	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/01/15 16:40	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/01/15 16:40	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/01/15 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/01/15 16:40*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*08/01/15 16:40*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/01/15 16:40*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**5.6**		2.0	1.0	ug/L			08/01/15 15:32	1

Client Sample ID: Combined Influent

Lab Sample ID: 660-68329-7

Date Collected: 07/31/15 09:30

Matrix: Water

Date Received: 07/31/15 12:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/01/15 17:15	1
Benzene	0.50	U	1.0	0.50	ug/L			08/01/15 17:15	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/01/15 17:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/01/15 17:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/01/15 17:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/01/15 17:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/01/15 17:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/01/15 17:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/01/15 17:15	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/01/15 17:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/01/15 17:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/01/15 17:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/01/15 17:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/01/15 17:15	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/01/15 17:15	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/01/15 17:15	1
cis-1,2-Dichloroethene	**28**		1.0	0.65	ug/L			08/01/15 17:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/01/15 17:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/01/15 17:15	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/01/15 17:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/01/15 17:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/01/15 17:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/01/15 17:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/01/15 17:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/01/15 17:15	1
1,1-Dichloroethane	**9.5**		1.0	0.52	ug/L			08/01/15 17:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/01/15 17:15	1
1,1-Dichloroethene	**30**		1.0	0.67	ug/L			08/01/15 17:15	1

Client: AECOM Technical Services Inc.
Project/Site: Process Samples

TestAmerica Job ID: 660-68329-1

Client Sample ID: Combined Influent
Date Collected: 07/31/15 09:30
Date Received: 07/31/15 12:50

Lab Sample ID: 660-68329-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/01/15 17:15	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/01/15 17:15	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/01/15 17:15	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/01/15 17:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/01/15 17:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/01/15 17:15	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/01/15 17:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/01/15 17:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/01/15 17:15	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/01/15 17:15	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/01/15 17:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/01/15 17:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/01/15 17:15	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/01/15 17:15	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/01/15 17:15	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/01/15 17:15	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/01/15 17:15	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/01/15 17:15	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/01/15 17:15	1
Styrene	0.98	U	2.0	0.98	ug/L			08/01/15 17:15	1
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/01/15 17:15	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/01/15 17:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/01/15 17:15	1
Tetrachloroethene	**11**		1.0	0.50	ug/L			08/01/15 17:15	1
Toluene	0.51	U	1.0	0.51	ug/L			08/01/15 17:15	1
trans-1,2-Dichloroethene	**0.98**	**I**	1.0	0.67	ug/L			08/01/15 17:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/01/15 17:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/01/15 17:15	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/01/15 17:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/01/15 17:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/01/15 17:15	1
Trichloroethene	**17**		1.0	0.61	ug/L			08/01/15 17:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/01/15 17:15	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/01/15 17:15	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/01/15 17:15	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/01/15 17:15	1
Vinyl chloride	**4.6**		1.0	0.71	ug/L			08/01/15 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/01/15 17:15*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*08/01/15 17:15*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*08/01/15 17:15*	*1*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**63**		2.0	1.0	ug/L			08/01/15 16:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-160127/7
Matrix: Water
Analysis Batch: 160127

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			08/01/15 14:14	1
Benzene	0.50	U	1.0	0.50	ug/L			08/01/15 14:14	1
Bromobenzene	0.58	U	1.0	0.58	ug/L			08/01/15 14:14	1
Bromoform	0.63	U	1.0	0.63	ug/L			08/01/15 14:14	1
Bromomethane	2.5	U	5.0	2.5	ug/L			08/01/15 14:14	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			08/01/15 14:14	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			08/01/15 14:14	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			08/01/15 14:14	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			08/01/15 14:14	1
Chlorobromomethane	0.58	U	1.0	0.58	ug/L			08/01/15 14:14	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			08/01/15 14:14	1
Chloroethane	2.5	U	5.0	2.5	ug/L			08/01/15 14:14	1
Chloroform	0.90	U	1.0	0.90	ug/L			08/01/15 14:14	1
Chloromethane	1.0	U	4.0	1.0	ug/L			08/01/15 14:14	1
2-Chlorotoluene	0.65	U	1.0	0.65	ug/L			08/01/15 14:14	1
4-Chlorotoluene	0.52	U	1.0	0.52	ug/L			08/01/15 14:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			08/01/15 14:14	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			08/01/15 14:14	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			08/01/15 14:14	1
Dibromomethane	0.46	U	1.0	0.46	ug/L			08/01/15 14:14	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			08/01/15 14:14	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			08/01/15 14:14	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			08/01/15 14:14	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			08/01/15 14:14	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			08/01/15 14:14	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			08/01/15 14:14	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			08/01/15 14:14	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/01/15 14:14	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			08/01/15 14:14	1
1,3-Dichloropropane	0.42	U	1.0	0.42	ug/L			08/01/15 14:14	1
2,2-Dichloropropane	0.36	U	1.0	0.36	ug/L			08/01/15 14:14	1
1,1-Dichloropropene	0.65	U	1.0	0.65	ug/L			08/01/15 14:14	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			08/01/15 14:14	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/01/15 14:14	1
Hexachlorobutadiene	0.34	U	1.0	0.34	ug/L			08/01/15 14:14	1
2-Hexanone	4.4	U	10	4.4	ug/L			08/01/15 14:14	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			08/01/15 14:14	1
4-Isopropyltoluene	0.69	U	1.0	0.69	ug/L			08/01/15 14:14	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			08/01/15 14:14	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			08/01/15 14:14	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			08/01/15 14:14	1
m-Xylene & p-Xylene	0.60	U	2.0	0.60	ug/L			08/01/15 14:14	1
Naphthalene	2.5	U	5.0	2.5	ug/L			08/01/15 14:14	1
n-Butylbenzene	0.67	U	1.0	0.67	ug/L			08/01/15 14:14	1
N-Propylbenzene	0.59	U	1.0	0.59	ug/L			08/01/15 14:14	1
o-Xylene	0.50	U	1.0	0.50	ug/L			08/01/15 14:14	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/01/15 14:14	1
Styrene	0.98	U	2.0	0.98	ug/L			08/01/15 14:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-160127/7
Matrix: Water
Analysis Batch: 160127

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.84	U	1.0	0.84	ug/L			08/01/15 14:14	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			08/01/15 14:14	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			08/01/15 14:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			08/01/15 14:14	1
Toluene	0.51	U	1.0	0.51	ug/L			08/01/15 14:14	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			08/01/15 14:14	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			08/01/15 14:14	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			08/01/15 14:14	1
1,2,4-Trichlorobenzene	0.58	U	1.0	0.58	ug/L			08/01/15 14:14	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/01/15 14:14	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			08/01/15 14:14	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			08/01/15 14:14	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			08/01/15 14:14	1
1,2,3-Trichloropropane	0.44	U	1.0	0.44	ug/L			08/01/15 14:14	1
1,2,4-Trimethylbenzene	0.86	U	1.0	0.86	ug/L			08/01/15 14:14	1
1,3,5-Trimethylbenzene	0.54	U	1.0	0.54	ug/L			08/01/15 14:14	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			08/01/15 14:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*08/01/15 14:14*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*08/01/15 14:14*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/01/15 14:14*	*1*

Lab Sample ID: LCS 660-160127/4
Matrix: Water
Analysis Batch: 160127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	93.7		ug/L		94	62 - 142
Benzene	10.0	9.02		ug/L		90	68 - 134
Bromobenzene	10.0	9.16		ug/L		92	70 - 130
Bromoform	10.0	7.67		ug/L		77	65 - 130
Bromomethane	10.0	11.8		ug/L		118	22 - 150
2-Butanone (MEK)	100	99.6		ug/L		100	63 - 140
Carbon disulfide	10.0	9.49		ug/L		95	30 - 150
Carbon tetrachloride	10.0	9.85		ug/L		98	61 - 134
Chlorobenzene	10.0	9.08		ug/L		91	70 - 130
Chlorobromomethane	10.0	10.5		ug/L		105	70 - 130
Chlorodibromomethane	10.0	9.59		ug/L		96	70 - 130
Chloroethane	10.0	9.99		ug/L		100	39 - 150
Chloroform	10.0	9.25		ug/L		92	68 - 130
Chloromethane	10.0	11.3		ug/L		113	35 - 150
2-Chlorotoluene	10.0	9.23		ug/L		92	70 - 130
4-Chlorotoluene	10.0	9.28		ug/L		93	70 - 130
cis-1,2-Dichloroethene	10.0	9.41		ug/L		94	66 - 130
cis-1,3-Dichloropropene	10.0	9.10		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.30		ug/L		83	63 - 130
Dibromomethane	10.0	9.95		ug/L		100	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-160127/4
Matrix: Water
Analysis Batch: 160127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	10.0	9.64		ug/L		96	70 - 130
1,3-Dichlorobenzene	10.0	9.82		ug/L		98	70 - 130
1,4-Dichlorobenzene	10.0	9.58		ug/L		96	70 - 130
Dichlorobromomethane	10.0	8.54		ug/L		85	70 - 130
Dichlorodifluoromethane	10.0	11.3		ug/L		113	16 - 149
1,1-Dichloroethane	10.0	9.33		ug/L		93	66 - 130
1,2-Dichloroethane	10.0	9.00		ug/L		90	70 - 130
1,1-Dichloroethene	10.0	9.98		ug/L		100	51 - 150
1,2-Dichloropropane	10.0	8.53		ug/L		85	70 - 130
1,3-Dichloropropane	10.0	8.55		ug/L		85	70 - 130
2,2-Dichloropropane	10.0	9.47		ug/L		95	66 - 134
1,1-Dichloropropene	10.0	9.87		ug/L		99	65 - 136
Ethylbenzene	10.0	8.38		ug/L		84	70 - 130
Ethylene Dibromide	10.0	8.47		ug/L		85	66 - 130
Hexachlorobutadiene	10.0	10.9		ug/L		109	62 - 143
2-Hexanone	100	103		ug/L		103	60 - 148
Isopropylbenzene	10.0	9.23		ug/L		92	62 - 130
4-Isopropyltoluene	10.0	9.58		ug/L		96	65 - 134
Methylene Chloride	10.0	9.60		ug/L		96	57 - 130
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	64 - 137
Methyl tert-butyl ether	10.0	7.90		ug/L		79	67 - 130
Naphthalene	10.0	8.21		ug/L		82	50 - 136
n-Butylbenzene	10.0	9.44		ug/L		94	61 - 131
N-Propylbenzene	10.0	9.32		ug/L		93	67 - 130
o-Xylene	10.0	9.02		ug/L		90	69 - 130
sec-Butylbenzene	10.0	9.63		ug/L		96	68 - 133
Styrene	10.0	8.82		ug/L		88	68 - 131
tert-Butylbenzene	10.0	8.58		ug/L		86	64 - 130
1,1,1,2-Tetrachloroethane	10.0	8.98		ug/L		90	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.93		ug/L		89	70 - 130
Tetrachloroethene	10.0	9.40		ug/L		94	50 - 143
Toluene	10.0	9.59		ug/L		96	70 - 131
trans-1,2-Dichloroethene	10.0	9.55		ug/L		95	62 - 139
trans-1,3-Dichloropropene	10.0	9.02		ug/L		90	67 - 130
1,2,3-Trichlorobenzene	10.0	8.98		ug/L		90	58 - 132
1,2,4-Trichlorobenzene	10.0	9.47		ug/L		95	66 - 130
1,1,1-Trichloroethane	10.0	9.63		ug/L		96	63 - 132
1,1,2-Trichloroethane	10.0	8.83		ug/L		88	70 - 130
Trichloroethene	10.0	9.52		ug/L		95	63 - 139
Trichlorofluoromethane	10.0	11.2		ug/L		112	62 - 146
1,2,3-Trichloropropane	10.0	8.22		ug/L		82	66 - 130
1,2,4-Trimethylbenzene	10.0	8.92		ug/L		89	70 - 132
1,3,5-Trimethylbenzene	10.0	9.30		ug/L		93	65 - 134
Vinyl chloride	10.0	11.8		ug/L		118	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-160127/4
Matrix: Water
Analysis Batch: 160127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 660-160127/5
Matrix: Water
Analysis Batch: 160127

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			100	96.1		ug/L		96	62 - 142	3	30
Benzene			10.0	9.20		ug/L		92	68 - 134	2	30
Bromobenzene			10.0	9.54		ug/L		95	70 - 130	4	30
Bromoform			10.0	8.52		ug/L		85	65 - 130	10	30
Bromomethane			10.0	10.5		ug/L		105	22 - 150	12	30
2-Butanone (MEK)			100	104		ug/L		104	63 - 140	5	30
Carbon disulfide			10.0	9.21		ug/L		92	30 - 150	3	30
Carbon tetrachloride			10.0	9.32		ug/L		93	61 - 134	6	30
Chlorobenzene			10.0	9.10		ug/L		91	70 - 130	0	30
Chlorobromomethane			10.0	10.1		ug/L		101	70 - 130	4	30
Chlorodibromomethane			10.0	9.15		ug/L		92	70 - 130	5	30
Chloroethane			10.0	9.58		ug/L		96	39 - 150	4	30
Chloroform			10.0	8.63		ug/L		86	68 - 130	7	30
Chloromethane			10.0	9.66		ug/L		97	35 - 150	15	30
2-Chlorotoluene			10.0	9.12		ug/L		91	70 - 130	1	30
4-Chlorotoluene			10.0	8.69		ug/L		87	70 - 130	6	30
cis-1,2-Dichloroethene			10.0	9.22		ug/L		92	66 - 130	2	30
cis-1,3-Dichloropropene			10.0	8.72		ug/L		87	70 - 130	4	30
1,2-Dibromo-3-Chloropropane			10.0	7.59		ug/L		76	63 - 130	9	30
Dibromomethane			10.0	9.33		ug/L		93	70 - 130	6	30
1,2-Dichlorobenzene			10.0	9.22		ug/L		92	70 - 130	5	30
1,3-Dichlorobenzene			10.0	9.27		ug/L		93	70 - 130	6	30
1,4-Dichlorobenzene			10.0	9.64		ug/L		96	70 - 130	1	30
Dichlorobromomethane			10.0	8.86		ug/L		89	70 - 130	4	30
Dichlorodifluoromethane			10.0	9.38		ug/L		94	16 - 149	19	30
1,1-Dichloroethane			10.0	9.63		ug/L		96	66 - 130	3	30
1,2-Dichloroethane			10.0	8.52		ug/L		85	70 - 130	6	30
1,1-Dichloroethene			10.0	9.76		ug/L		98	51 - 150	2	30
1,2-Dichloropropane			10.0	9.00		ug/L		90	70 - 130	5	30
1,3-Dichloropropane			10.0	7.81		ug/L		78	70 - 130	9	30
2,2-Dichloropropane			10.0	8.62		ug/L		86	66 - 134	9	30
1,1-Dichloropropene			10.0	9.41		ug/L		94	65 - 136	5	30
Ethylbenzene			10.0	8.80		ug/L		88	70 - 130	5	30
Ethylene Dibromide			10.0	8.43		ug/L		84	66 - 130	0	30
Hexachlorobutadiene			10.0	10.2		ug/L		102	62 - 143	6	30
2-Hexanone			100	99.3		ug/L		99	60 - 148	4	30
Isopropylbenzene			10.0	8.83		ug/L		88	62 - 130	5	30
4-Isopropyltoluene			10.0	8.93		ug/L		89	65 - 134	7	30
Methylene Chloride			10.0	8.73		ug/L		87	57 - 130	9	30
4-Methyl-2-pentanone (MIBK)			100	97.8		ug/L		98	64 - 137	4	30
Methyl tert-butyl ether			10.0	8.08		ug/L		81	67 - 130	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 660-160127/5
Matrix: Water
Analysis Batch: 160127

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	8.06		ug/L		81	50 - 136	2	30
n-Butylbenzene			10.0	9.18		ug/L		92	61 - 131	3	30
N-Propylbenzene			10.0	8.79		ug/L		88	67 - 130	6	30
o-Xylene			10.0	8.91		ug/L		89	69 - 130	1	30
sec-Butylbenzene			10.0	9.35		ug/L		93	68 - 133	3	30
Styrene			10.0	8.52		ug/L		85	68 - 131	3	30
tert-Butylbenzene			10.0	8.62		ug/L		86	64 - 130	0	30
1,1,1,2-Tetrachloroethane			10.0	8.78		ug/L		88	70 - 130	2	30
1,1,2,2-Tetrachloroethane			10.0	8.71		ug/L		87	70 - 130	2	30
Tetrachloroethene			10.0	9.19		ug/L		92	50 - 143	2	30
Toluene			10.0	9.03		ug/L		90	70 - 131	6	30
trans-1,2-Dichloroethene			10.0	9.21		ug/L		92	62 - 139	4	30
trans-1,3-Dichloropropene			10.0	9.37		ug/L		94	67 - 130	4	30
1,2,3-Trichlorobenzene			10.0	8.98		ug/L		90	58 - 132	0	30
1,2,4-Trichlorobenzene			10.0	9.14		ug/L		91	66 - 130	4	30
1,1,1-Trichloroethane			10.0	8.87		ug/L		89	63 - 132	8	30
1,1,2-Trichloroethane			10.0	8.40		ug/L		84	70 - 130	5	30
Trichloroethene			10.0	8.83		ug/L		88	63 - 139	8	30
Trichlorofluoromethane			10.0	9.14		ug/L		91	62 - 146	20	30
1,2,3-Trichloropropane			10.0	8.52		ug/L		85	66 - 130	4	30
1,2,4-Trimethylbenzene			10.0	8.67		ug/L		87	70 - 132	3	30
1,3,5-Trimethylbenzene			10.0	8.87		ug/L		89	65 - 134	5	30
Vinyl chloride			10.0	9.71		ug/L		97	48 - 147	19	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-68329-3 MS
Matrix: Water
Analysis Batch: 160127

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	19	I	100	94.2		ug/L		75	62 - 142
Benzene	0.50	U	10.0	7.86		ug/L		79	68 - 134
Bromobenzene	0.58	U	10.0	8.05		ug/L		80	70 - 130
Bromoform	0.63	U	10.0	7.20		ug/L		72	65 - 130
Bromomethane	2.5	U	10.0	8.47		ug/L		85	22 - 150
2-Butanone (MEK)	8.4	U	100	90.0		ug/L		90	63 - 140
Carbon disulfide	1.0	U	10.0	8.00		ug/L		80	30 - 150
Carbon tetrachloride	0.43	U	10.0	8.05		ug/L		80	61 - 134
Chlorobenzene	0.63	U	10.0	7.97		ug/L		80	70 - 130
Chlorobromomethane	0.58	U	10.0	8.68		ug/L		87	70 - 130
Chlorodibromomethane	0.31	U	10.0	8.03		ug/L		80	70 - 130
Chloroethane	2.5	U	10.0	10.8		ug/L		108	39 - 150
Chloroform	0.90	U	10.0	7.56		ug/L		76	68 - 130
Chloromethane	1.0	U	10.0	9.88		ug/L		99	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-68329-3 MS
Matrix: Water
Analysis Batch: 160127

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	0.65	U	10.0	8.15		ug/L		82	70 - 130
4-Chlorotoluene	0.52	U	10.0	8.01		ug/L		80	70 - 130
cis-1,2-Dichloroethene	0.67	I	10.0	8.48		ug/L		78	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.81		ug/L		78	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	7.13		ug/L		71	63 - 130
Dibromomethane	0.46	U	10.0	8.05		ug/L		80	70 - 130
1,2-Dichlorobenzene	0.49	U	10.0	8.41		ug/L		84	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	8.20		ug/L		82	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	8.11		ug/L		81	70 - 130
Dichlorobromomethane	0.44	U	10.0	7.63		ug/L		76	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	9.25		ug/L		93	16 - 149
1,1-Dichloroethane	5.7		10.0	13.0		ug/L		73	66 - 130
1,2-Dichloroethane	0.57	U	10.0	8.31		ug/L		83	70 - 130
1,1-Dichloroethene	0.67	U	10.0	7.86		ug/L		79	51 - 150
1,2-Dichloropropane	0.52	U	10.0	8.14		ug/L		81	70 - 130
1,3-Dichloropropane	0.42	U	10.0	7.75		ug/L		77	70 - 130
2,2-Dichloropropane	0.36	U	10.0	7.36		ug/L		74	66 - 134
1,1-Dichloropropene	0.65	U	10.0	7.93		ug/L		79	65 - 136
Ethylbenzene	0.44	U	10.0	7.64		ug/L		76	70 - 130
Ethylene Dibromide	0.50	U	10.0	7.52		ug/L		75	66 - 130
Hexachlorobutadiene	0.34	U	10.0	8.65		ug/L		87	62 - 143
2-Hexanone	4.4	U	100	90.9		ug/L		91	60 - 148
Isopropylbenzene	0.52	U	10.0	7.67		ug/L		77	62 - 130
4-Isopropyltoluene	0.69	U	10.0	7.92		ug/L		79	65 - 134
Methylene Chloride	4.0	U	10.0	8.05		ug/L		81	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	91.4		ug/L		91	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	7.24		ug/L		72	67 - 130
Naphthalene	2.5	U	10.0	7.34		ug/L		73	50 - 136
n-Butylbenzene	0.67	U	10.0	7.58		ug/L		76	61 - 131
N-Propylbenzene	0.59	U	10.0	7.82		ug/L		78	67 - 130
o-Xylene	0.50	U	10.0	8.00		ug/L		80	69 - 130
sec-Butylbenzene	0.63	U	10.0	7.99		ug/L		80	68 - 133
Styrene	0.98	U	10.0	7.21		ug/L		72	68 - 131
tert-Butylbenzene	0.84	U	10.0	7.64		ug/L		76	64 - 130
1,1,1,2-Tetrachloroethane	0.63	U	10.0	7.60		ug/L		76	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	7.57		ug/L		76	70 - 130
Tetrachloroethene	0.74	I	10.0	8.66		ug/L		79	50 - 143
Toluene	0.51	U	10.0	7.93		ug/L		79	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.60		ug/L		86	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	8.62		ug/L		86	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	7.88		ug/L		79	58 - 132
1,2,4-Trichlorobenzene	0.58	U	10.0	8.06		ug/L		81	66 - 130
1,1,1-Trichloroethane	0.47	U	10.0	7.82		ug/L		78	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	7.67		ug/L		77	70 - 130
Trichloroethene	0.61	U	10.0	7.85		ug/L		79	63 - 139
Trichlorofluoromethane	2.5	U	10.0	9.91		ug/L		99	62 - 146
1,2,3-Trichloropropane	0.44	U	10.0	6.83		ug/L		68	66 - 130
1,2,4-Trimethylbenzene	0.86	U	10.0	7.62		ug/L		76	70 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-68329-3 MS
Matrix: Water
Analysis Batch: 160127

Client Sample ID: AOP-B effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.54	U	10.0	7.73		ug/L		77	65 - 134
Vinyl chloride	0.71	U	10.0	10.6		ug/L		106	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Lab Sample ID: 660-68329-2 DU
Matrix: Water
Analysis Batch: 160127

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	18	I	16.8	I	ug/L		7	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromobenzene	0.58	U	0.58	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorobromomethane	0.58	U	0.58	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
2-Chlorotoluene	0.65	U	0.65	U	ug/L		NC	30
4-Chlorotoluene	0.52	U	0.52	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
Dibromomethane	0.46	U	0.46	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	5.8		5.91		ug/L		2	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
1,3-Dichloropropane	0.42	U	0.42	U	ug/L		NC	30
2,2-Dichloropropane	0.36	U	0.36	U	ug/L		NC	30
1,1-Dichloropropene	0.65	U	0.65	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
Hexachlorobutadiene	0.34	U	0.34	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-68329-2 DU
Matrix: Water
Analysis Batch: 160127

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Hexanone	4.4	U		4.4	U	ug/L				NC	30
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
4-Isopropyltoluene	0.69	U		0.69	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
m-Xylene & p-Xylene	0.60	U		0.60	U	ug/L				NC	30
Naphthalene	2.5	U		2.5	U	ug/L				NC	30
n-Butylbenzene	0.67	U		0.67	U	ug/L				NC	30
N-Propylbenzene	0.59	U		0.59	U	ug/L				NC	30
o-Xylene	0.50	U		0.50	U	ug/L				NC	30
sec-Butylbenzene	0.63	U		0.63	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
tert-Butylbenzene	0.84	U		0.84	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.60	I		0.560	I	ug/L				6	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,2,4-Trichlorobenzene	0.58	U		0.58	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,2,3-Trichloropropane	0.44	U		0.44	U	ug/L				NC	30
1,2,4-Trimethylbenzene	0.86	U		0.86	U	ug/L				NC	30
1,3,5-Trimethylbenzene	0.54	U		0.54	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-160126/7
Matrix: Water
Analysis Batch: 160126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.0	U	2.0	1.0	ug/L			08/01/15 12:55	1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-160126/4
Matrix: Water
Analysis Batch: 160126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	8.34		ug/L		83	50 - 150

Lab Sample ID: LCSD 660-160126/5
Matrix: Water
Analysis Batch: 160126

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	10.0	8.98		ug/L		90	50 - 150	7	50

Lab Sample ID: 660-68329-2 MS
Matrix: Water
Analysis Batch: 160126

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	4.4		10.0	11.8		ug/L		74	50 - 150

Lab Sample ID: 660-68329-2 MSD
Matrix: Water
Analysis Batch: 160126

Client Sample ID: AOP-A effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	4.4		10.0	12.5		ug/L		81	50 - 150	5	50

QC Association Summary

Client: AECOM Technical Services Inc.
Project/Site: Process Samples

TestAmerica Job ID: 660-68329-1

GC/MS VOA

Analysis Batch: 160126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-68329-1	AOP Feed	Total/NA	Water	8260C SIM	
660-68329-2	AOP-A effluent	Total/NA	Water	8260C SIM	
660-68329-2 MS	AOP-A effluent	Total/NA	Water	8260C SIM	
660-68329-2 MSD	AOP-A effluent	Total/NA	Water	8260C SIM	
660-68329-3	AOP-B effluent	Total/NA	Water	8260C SIM	
660-68329-4	AOP-C Effluent	Total/NA	Water	8260C SIM	
660-68329-5	PGE	Total/NA	Water	8260C SIM	
660-68329-6	SGE	Total/NA	Water	8260C SIM	
660-68329-7	Combined Influent	Total/NA	Water	8260C SIM	
LCS 660-160126/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 660-160126/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	
MB 660-160126/7	Method Blank	Total/NA	Water	8260C SIM	

Analysis Batch: 160127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-68329-1	AOP Feed	Total/NA	Water	8260B	
660-68329-2	AOP-A effluent	Total/NA	Water	8260B	
660-68329-2 DU	AOP-A effluent	Total/NA	Water	8260B	
660-68329-3	AOP-B effluent	Total/NA	Water	8260B	
660-68329-3 MS	AOP-B effluent	Total/NA	Water	8260B	
660-68329-4	AOP-C Effluent	Total/NA	Water	8260B	
660-68329-5	PGE	Total/NA	Water	8260B	
660-68329-6	SGE	Total/NA	Water	8260B	
660-68329-7	Combined Influent	Total/NA	Water	8260B	
LCS 660-160127/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-160127/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 660-160127/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Process Samples

TestAmerica Job ID: 660-68329-1

Client Sample ID: AOP Feed
Lab Sample ID: 660-68329-1
Date Collected: 07/31/15 09:00
Matrix: Water
Date Received: 07/31/15 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	160127	08/01/15 16:58	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	160126	08/01/15 15:51	ECC	TAL TAM

Client Sample ID: AOP-A effluent
Lab Sample ID: 660-68329-2
Date Collected: 07/31/15 09:05
Matrix: Water
Date Received: 07/31/15 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	160127	08/01/15 14:40	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	160126	08/01/15 13:26	ECC	TAL TAM

Client Sample ID: AOP-B effluent
Lab Sample ID: 660-68329-3
Date Collected: 07/31/15 09:10
Matrix: Water
Date Received: 07/31/15 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	160127	08/01/15 14:57	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	160126	08/01/15 14:38	ECC	TAL TAM

Client Sample ID: AOP-C Effluent
Lab Sample ID: 660-68329-4
Date Collected: 07/31/15 09:15
Matrix: Water
Date Received: 07/31/15 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	160127	08/01/15 16:06	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	160126	08/01/15 14:56	ECC	TAL TAM

Client Sample ID: PGE
Lab Sample ID: 660-68329-5
Date Collected: 07/31/15 09:20
Matrix: Water
Date Received: 07/31/15 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	160127	08/01/15 16:23	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	160126	08/01/15 15:14	ECC	TAL TAM

Client Sample ID: SGE
Lab Sample ID: 660-68329-6
Date Collected: 07/31/15 09:25
Matrix: Water
Date Received: 07/31/15 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	160127	08/01/15 16:40	ECC	TAL TAM

Lab Chronicle

Client: AECOM Technical Services Inc.
Project/Site: Process Samples

TestAmerica Job ID: 660-68329-1

Client Sample ID: SGE

Lab Sample ID: 660-68329-6

Date Collected: 07/31/15 09:25

Matrix: Water

Date Received: 07/31/15 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	160126	08/01/15 15:32	ECC	TAL TAM

Client Sample ID: Combined Influent

Lab Sample ID: 660-68329-7

Date Collected: 07/31/15 09:30

Matrix: Water

Date Received: 07/31/15 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	160127	08/01/15 17:15	ECC	TAL TAM
Total/NA	Analysis	8260C SIM		1	160126	08/01/15 16:10	ECC	TAL TAM

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Method Summary

Client: AECOM Technical Services Inc.
Project/Site: Process Samples

TestAmerica Job ID: 660-68329-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: AECOM Technical Services Inc.
Project/Site: Process Samples

TestAmerica Job ID: 660-68329-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-16

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

8/3/2015

Client Information	Sampler: Sam Fox	Lab PM: Nancy Robertson	Carrier Tracking No(s):	COC No: 660-0001
Client Contact: Darrin Johnson	Phone: 941-929-8747	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 1
Company: AECOM		Analysis Requested		Job #:
Address: 1600 Tallevast Rd	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
City: Sarasota	TAT Requested (days): 24hr turn for AOP samples - 48 hour turn for the others			
State, Zip: FL, 34243				
Phone: 941-929-8747	PO #: 59731 60313454 03.09.01			
Email: Darrin.Johnson@aecom.com	WO #:			Other:
Project Name: Process Sampling	Project #:			
Site: Tallevast	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Site Specific	8260C SIM ID - 1,4-dioxane	8260B-Full List								Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A										
AOP Feed	7/31/15	9:00	G	Water	N	N	2	2										A 63
AOP-A effluent	7/31/15	0905	G	Water	N	N	2	2										B 60
AOP-B effluent	7/31/15	0910	G	Water	N	N	2	2										C 43
AOP-C Effluent	7/31/15	0915	G	Water	N	N	2	2										170 gpm inf
PGE	7/31/15	0920	G	Water	N	N	2	2										201 @ 25
SGE	7/31/15	0925	G	Water	N	N	2	2										202 @ 17
Combined Influent	7/31/15	0930	G	Water	N	N		2	2									203 @ 5
																		204 @ 45
																		Comb inf - 156, 530, 100

Loc: 660 68329

660-68329 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				7-30-15 1400	AECOM
Relinquished by:	Date/Time: 7-31-15 1135	Company AECOM	Received by:	7-31-15 1135	Company TA Tampa
Relinquished by:	Date/Time: 7-31-15 1250	Company TA Tampa	Received by:	7-31-15 1250	Company TA TPA

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.2/3.1 ac-09

Login Sample Receipt Checklist

Client: AECOM Technical Services Inc.

Job Number: 660-68329-1

Login Number: 68329
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX M – WASTE MANIFESTS

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. 132974-01	2. Page 1 of 1 of 1	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number WMNA	Number 132974-01
Encotech PO Box 618102 Orlando, FL 32861 4. Generator's Phone 941-351-7959	LMC 1600 TALLEVAST ROAD SARASOTA, FL 34243	B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID 1854423
Adler Tank Rentals, LLC		D. Transporter's Phone 727-639-2564
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address OKEECHOBEE LANDFILL 10800 NE 128TH AVENUE OKEECHOBEE, FLORIDA 34972	10. US EPA ID Number	G. State Facility ID
		H. State Facility Phone 863.357.0111

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. SPENT CARBON WM Profile # 403722FL	2	Roll-off			
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Roll off numbers: RT3257
DRT1252

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information
Waste Management - waste profile# 403722FL

Purchase Order # Pay by credit card bill to EBS# 132974 EMERGENCY CONTACT / PHONE NO.: 727-639-2564

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Andy Long — Agent for LMC	Andy Long	9	29	15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Richard Jones		9	29	15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

ADLER TANK RENTALS

Delivery Inspection

Doc #

Order# 132974

Service Type Return / WASH HAUL

Cust PO#

Customer Information	Site Information	Adler Information
CARBON SERVICES	TALLEST DRIVE SARASOTA	Adler Tank Rentals 1100 SR 559 AUBURNDALE

Job / Delivery Notes

Shipping Instructions	
Additional Notes	

Equipment Information

Asset Description	Asset#	Product Stored	HAZ	Temp	PH
	RT 3257				

Additional Equipment Notes:

Equipment Damage / Cleanliness:

Lining Condition:

Equipment Information

Asset Description	Asset#	Product Stored	HAZ	Temp	PH
	DRT252				

Additional Equipment Notes:

Equipment Damage / Cleanliness:

Lining Condition:

Additional Items / Notes

- Customer responsible for product compatibility with all equipment being rented
- ALL Adler Tank Rental terms and conditions apply
- All equipment must be completely cleaned prior to pick up and return
- Equipment will be taken off rent when returned to Adler yard clean and all applicable repairs complete (unless otherwise agreed)
- All Equipment listed above has been inspected and accepted
- All equipment call offs must be made via written notification

Customer Signature — Print Name: Andy Long On behalf of CMC — Date: 9-29-15 — Adler Representative: Rick Jones

OFFICE USE

Truck# _____ Left Yard _____ Arrive Cust Site _____ Leave Cust Site _____ Notes _____

Driver _____ Arrive Yard _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
FLE50G			

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Clark Environmental

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1.	16	DM	9,000	lb.	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 9 Day 30 Year 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLS-C 6 10497 (Rev. 9/09)

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
		800 831 8369	SP4-511-1031

GENERATOR

5. Generator's Name and Mailing Address: AECOM ENVIRONMENTAL (BRUCE)
1600 TAMIAMI TRL
SARASOTA FL 34234-3980
941-729-8747
Generator's Phone:

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: SWS
U.S. EPA ID Number: FL0000122796

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CLARK ENVIRONMENTAL INC.
755 PRAIRIE INDUSTRIAL PKY
MULBERRY FL 33860
863 425 4884
Facility's Phone:
U.S. EPA ID Number: FLD 984 206 003

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA NON HAZARDOUS INDUSTRIAL WASTE Solids	16	DM	4800	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information: 9.1 FILTER CAKE

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Alfred Spaziani for AECOM | Signature | Month: 11 | Day: 3 | Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jay Wicks | Signature | Month: 11 | Day: 3 | Year: 15

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR'S/SHIPPER'S INITIAL COPY

Pro #: 0767192696

0767192696

STRAIGHT BILL OF LADING - Original - Not Negotiable

RECEIVED, subject to individually determined rates or contract that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rate classifications and rules that have been established by the carrier and are available to the shipper, on request. Subject to the terms of the B.O.l. contract on the reverse side of this form.

AVERITT

Perimeter Place One * 1415 Neal St. * P.O.Box 3145 * Cookeville, TN 38502-3145
1-800-AVERITT(1-800-283-7488) * https://www.averittexpress.com

SHIPPER

Name: Lockheed Martin Corporation
Address 1: 1600 Tallevast Rd
Address 2:
City/State/Zip: SARASOTA, FL 34243
Country: United States
Customer No.: 0531190

BILL-TO

Name: Cleanlites
Address 1: 195 Ben Abi
Address 2:
City/State/Zip: SPARTANBURG, SC 29307
Country: United States
Phone: 8645794800
Shipper's Reference No.: 14727
Consignee's Reference/PO No.:

CONSIGNEE

Name: CLEANLITES RECYCLING
Address 1: 195 BEN ABI RD
Address 2:
City/State/Zip: SPARTANBURG, SC 29307
Country: United States
Phone: 8645794800

TERMS

Freight Charges: Collect

COD

COD AMT. $: 0.00
Fee: *** Fund: ***
Remit to:
Address 1:
Address 2:
City/State/Zip:

ALWAYS LIST HAZARDOUS MATERIALS FIRST IN DESCRIPTION OF ARTICLES COLUMN

NO. OF PIECES	HM	(KIND OF PACKAGE) Description of Articles, Special Marks and Exceptions (Subject to Correction)	NMFC#	CLASS (Subject to Correction)	WEIGHT (Subject to Correction)
1		SK - Used Lamps Zoo UV lamps	0	55.0	500
		Shipper Entered BOL			
TOTAL: 1		ADDITIONAL SHIPMENT INFORMATION: Rate Quote Number: 6656587 Net Total:	ACCESSORIALS:	TOTAL:	500

NOTE: (1)Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the department of Transportation.

FOR FREIGHT COLLECT SHIPMENTS: If this shipment is to be delivered to the consignee, without recourse on the consignor, the consignor shall sign the following statement. The carrier may decline to make delivery of this shipment without payment of freight and all other lawful charges.

_____
Signature Of Consignor

NOTE: (2)Liability limitation for loss or damage on this shipment may be applicable. See USC Section 14706(c)(1)(A) and (B).

NOTE: (3)Carrier liability shall be limited to a maximum of $5.00 per pound per article, subject to released values as provided in the NMFC 100 Series and AVRT 100 Series, the lower of which shall apply. Carrier's maximum totally liability per shipment shall not exceed $100,000. To receive valuation in excess of the maximum liability per pound up to $100,000, insert total dollar amount of valuation needed below. There will be a charge for excess valuation of $1.00 for each $100.00 value in excess of the initial maximum valuation subject to a minimum excess valuation charge of $30.00 per shipment. The party responsible for payment of the freight charges will be responsible for excess valuation. In no event shall such prepaid excess valuation exceed $50.00 per pound per package or 100,000.00 per conveyance, whichever is less. $ _____ excess valuation requested.

NOTE: (4)Commodities requiring special or additional care or attention in handling or storing must be so marked and packaged as to ensure safe transportation with ordinary care. See Sec 2(e) or NMFC Item 360.

SHIPPER SIGNATURE Agent for LMC DATE 11-19-15 PICKUP TIME _____
(MUST BE SIGNED BY REPRESENTATIVE OF SHIPPER)
DRIVER SIGNATURE _____ DATE 11-19-15 No. OF HANDLING UNITS 1 S.W.S

Driver: This bill has been created by Ship Plus, the bill will be autobilled. (If over 25 units, use Tally.)

Averitt Original

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
		800-831-3869	

GENERATOR

5. Generator's Name and Mailing Address: Lockheed Martin ~~AECOM ENVIRONMENTAL~~
1600 TALLEVAST RD
SARASOTA FL 34243
Generator's Phone: 914-351-7959

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SWS — U.S. EPA ID Number: FL0000122796

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CLARK ENVIRONMENTAL
755 PRAIRIE INDUSTRIAL PKWY
MULBERRY FL 33860
Facility's Phone: 863-425-4884
U.S. EPA ID Number: FLD984206003

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON RCRA NON HAZARDOUS INDUSTRIAL WASTE SOLID	14	DM	6300	P
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information: 9.1 FILTER CAKE

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Andy Long "Agent for LMC" — Signature — Month: 11 Day: 30 Year: 15

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jay Wicks — Signature — Month: 11 Day: 30 Year: 15

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. 136877-01	2. Page 1 of 1 of 1	RT1800 RT1828

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number WMNA	Number 136877-01
Encotech PO Box 618102 Orlando, FL 32861 4. Generator's Phone 941-351-7959	LMC 1600 TALLEVAST ROAD SARASOTA, FL 34243	B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID	1854423
Adler Tank Rentals, LLC		D. Transporter's Phone	727-639-2564
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID	
		F. Transporter's Phone	
9. Designated Facility Name and Site Address OKEECHOBEE LANDFILL 10800 NE 128TH AVENUE OKEECHOBEE, FLORIDA 34972	10. US EPA ID Number	G. State Facility ID	
		H. State Facility Phone	863.357.0111

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. SPENT CARBON WM Profile # 403722FL	2	RollOff			
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Roll RT1800 OSS RT1828	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Waste Management - waste profile# 403722FL

Purchase Order # Pay by credit card bill to EBS# 136877-01 EMERGENCY CONTACT / PHONE NO.: 727-639-2564

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
MARK W Zylske	Mark W Zylske AS Agent for LMC	12	28	15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
X Mike Toons	X Mike Toons	12	28	15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Mar				

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			SP1-601-1110

GENERATOR

5. Generator's Name and Mailing Address
Lockheed Martin
1600 Tallevast Rd
Sarasota, FL
Generator's Phone: 941-351-7959

Generator's Site Address (if different than mailing address)
Same

6. Transporter 1 Company Name
SWS Environmental

U.S. EPA ID Number
FLR 000127796

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Environmental
755 Pierce Industrial Pkwy
Hillsborough, FL 33610
Facility's Phone:

U.S. EPA ID Number
TLD984206663

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA Regulated Industrial Solid Waste	015	DM	6400	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Non DOT Non RCRA Regulated

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ronda Ellis | Signature | Month: 1 | Day: 20 | Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kelvin Griffin | Signature | Month: 1 | Day: 8 | Year: 16

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

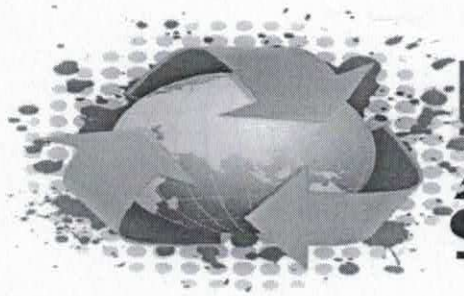
17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year



INTECH
ASSET RECOVERY LLC
941-355-2694

1678 Independence Blvd. Suite B , Sarasota FL. 34234

Certificate of Recycling/Reuse

This document certifies that equipment and components picked up by or delivered to Intech Asset Recovery have been reused or de-manufactured and hazardous and non hazardous components will be recycled in accordance with all state and federal regulations. To ensure data security, all hard drives have been either data wiped using the D.O.D. approved standard three pass process or they have been physically destroyed.

Generator: AECom

Materials Received: 20 lamp drivers

4 boxes 139lbs

1/11/16

Received Date: jan 11 16

Processed Date: jan 11 16

Certificate Of Destruction Intech Asset Recovery

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 800-852-8278

4. Waste Tracking Number: FOFSP4-601-1110

5. Generator's Name and Mailing Address: AECOM, 1600 Tallavast Rd., Sarasota, FL 34243

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: SWS Environmental — U.S. EPA ID Number: FLR000-122-796

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Clark Environmental, 7575 Prairie Industrial Pkwy, Mulberry, FL — U.S. EPA ID Number: FLD 984-206-003

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non RCRA Regulated Industrial Waste (Solids)	016	DM	9,000	lb.
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

9.1 Process Solids

S276 DC06

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Christian as Agent of LMC — Signature — Month: 2 Day: 1 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter Signature (for exports only):

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month: 2 Day: 1 Year: 16

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone: Month Day Year

17c. Signature of Alternate Facility (or Generator)

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY TO GENERATOR

169-BLS-C 6 10497 (Rev. 9/09)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 800 352 8878

4. Waste Tracking Number: SP4 602 1637

5. Generator's Name and Mailing Address: AECOM
1600 Tallavast
Sarasota

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: SWS Environmental

U.S. EPA ID Number: FLR 000 122 796

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Clark Environmental
755 Prairie Industrial Pk
Mulberry, FL

U.S. EPA ID Number: FLD 000 122 003

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	non RCRA Regulated Industrial Solid waste	017	DM	9,200	lb.	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

9.1 Process Solids

8276 DC06

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Andy Long "Agent for CMC" Signature: [signature] Month: 3 Day: 4 Year: 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Matthew Parlisi Signature: [signature] Month: 3 Day: 4 Year: 16

Transporter 2 Printed/Typed Name Signature Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name Signature Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

169-BLS-C 6 10497 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. 3012016	2. Page 1 of 1 OF 1	

3. Generator's Mailing Address:
ENCOTECH
PO BOX 618102
ORLANDO, FL 32861

4. Generator's 941.351.7959

Generator's Site Address (If different than mailing):
LMC
1600 TALLEVAST ROAD
SARASOTA, FLORIDA 34243

A. Manifest Number **WMNA** Number 3012016

B. State Generator's ID

5. Transporter 1 Company Name
ADLER TANK RENTALS, LLC

6. US EPA ID Number

C. State Transporter's ID 1854423
D. Transporter's Phone 727-639-2564

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
OKEECHOBEE LANDFILL
10800 NW 128TH AVENUE
OKEECHOBEE, FLORIDA 34972

10. US EPA ID Number

G. State Facility ID
H. State Facility Phone 863.357.0111

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. SPENT CARBON **WM PROFILE #405524FL**	2	Roll Off			
b. **WM Profile #**					
c. **WM Profile #**					
d. **WM Profile #**					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell
Grid
Level

15. Special Handling Instructions and Additional Information
Roll off # RT 2678
RT 3254

Purchase Order #

EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
JEFF COOK AGENT FOR LMC				

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Mike Torres	Mike Torres	03	08	16

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

ADLER TANK RENTALS

Delivery Inspection

Waste Haul — landfill

Service Type Pickup / Delivery

Doc #

Order# 139738

Cust PO#

Customer Information	Site Information	Adler Information
Carbon Service	11600 Talevast Dr. Sarasota, FL 10800 NE 128th Ave Okeechobee, FL 34972	Adler Tank Rentals 1100 SR 84 Dania Abundale

Job / Delivery Notes

Shipping Instructions	
Additional Notes	

Equipment Information

Asset Description	Asset#	Product Stored	HAZ	Temp	PH
	RT26718				

Additional Equipment Notes:

Equipment Damage / Cleanliness:

Lining Condition:

Equipment Information

Asset Description	Asset#	Product Stored	HAZ	Temp	PH
	RT3254				

Additional Equipment Notes:

Equipment Damage / Cleanliness:

Lining Condition:

Additional Items / Notes

- Customer responsible for product compatibility with all equipment being rented
- ALL Adler Tank Rental terms and conditions apply
- All equipment must be completely cleaned prior to pick up and return
- Equipment will be taken off rent when returned to Adler yard clean and all applicable repairs complete (unless otherwise agreed)
- All Equipment listed above has been inspected and accepted
- All equipment call offs must be made via written notification

Customer Signature — Print Name: JEFF Cook — Date: 3/8 — Adler Representative: Mike Torres

Truck # _____ Arrive Cust Site _____ Leave Cust Site _____ Notes _____

Driver _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number: SP4603 1720

GENERATOR

5. Generator's Name and Mailing Address: AE Com
1600 Tallavast Rd. Sarasota, FL 34243

Generator's Site Address (if different than mailing address)

Generator's Phone: (941) 351-7959

6. Transporter 1 Company Name: SWS Environmental

U.S. EPA ID Number: FL0000122796

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Clark Environmental
755 Prairie Industrial Pkwy
Mulberry, FL 33860

U.S. EPA ID Number: FLD 984 200 003

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA Regulated Industrial Solid Waste	15	DM	3400	LB	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: R Soler ~~LCM~~ agent for LMC

Signature: R Soler as agent for ~~LCM~~ LMC

Month: 4 Day: 1 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Matthew Parolisi

Signature

Month: 4 Day: 1 Year: 16

Transporter 2 Printed/Typed Name

Signature

Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			SP3604 1531

GENERATOR

5. Generator's Name and Mailing Address
AEcom
1600 Tallevast Rd. Sarasota FL
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SWS Environmental — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Clark Environmental
755 Prairie Ind. Pkwy Mulberry, FL — U.S. EPA ID Number:
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA Regulated Industrial Solid Waste	15	DM	7,500	LB	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Mirko Simic, agent for LMC — Signature: [signature] — Month: 4 — Day: 25 — Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 800 852 8878

4. Waste Tracking Number: SPA 605 1447

5. Generator's Name and Mailing Address: AECOM ENVIORNMENTAL, 320 EAST SOUTH STREET, ORLANDO, FL 32801

Generator's Site Address (if different than mailing address): AECOM, 1600 TALLEVAST RD, SARASOTA, FL 34243

Generator's Phone: 941 351 7959

6. Transporter 1 Company Name: SWS ENVIORNMENTAL SERVICES

U.S. EPA ID Number: FL0000122796

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: CLARK ENVIORNMENTAL, 757 PRAIRIE INDUSTRIAL PKWY, MULBERRY, FL 33860

U.S. EPA ID Number: FID 984260003

Facility's Phone: 863 425 4884

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	NON RCRA REGULATED SOLID WASTE	0017	DM	17	LB	
	2.					
	3.					
	4.					

GENERATOR

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Osvaldo (Shell) Ellis, Agent of LMC

Signature: Osvaldo Ellis

Month: 5 Day: 20 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert A Miller

Signature

Month: 5 Day: 26 Year: 16

Transporter 2 Printed/Typed Name

Signature

Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

DESIGNATED FACILITY TO GENERATOR

169-BLS-C 6 10497 (Rev. 9/09)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: ———

2. Page 1 of: 1

3. Emergency Response Phone: 800 852 8878

4. Waste Tracking Number: SP4606 1544

GENERATOR

5. Generator's Name and Mailing Address: AECOM
941 929 8747
Darrin Johnson
1600 Tallevast Rd.
SARASOTA, FL 34243-3980

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: SWS Environmental

U.S. EPA ID Number: FLR 000 122 796

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Clark Environmental
755 Prairie Industrial Pkwy
Mulberry, FL

U.S. EPA ID Number: FLD 984 206 003

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED INDUSTRIAL SOLID WASTE	13	DM		P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
9.1 FILTER PROCESS

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Darrin Johnson c/o LMC
Signature:
Month: 6 Day: 23 Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ANDRE PHIFER
Signature:
Month: 6 Day: 23 Year: 16

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NA	1	800 852 8778	SP4-607-1554

GENERATOR

5. Generator's Name and Mailing Address: AECOM ENV Glen Allen VA, PO Box 5604, Glen Allen VA 23058
Generator's Site Address (if different than mailing address): 1600 TALLEVAST RD, SARASOTA FL 34243
Generator's Phone: 9419298747

6. Transporter 1 Company Name: SWS ENVIRONMENTAL — U.S. EPA ID Number: FLR000 122 796

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CLARK ENVIRONMENTAL, 755 PRAIRIE INDUSTRIAL PKWY, MULBERRY FL — U.S. EPA ID Number: FLD 984 206 003
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA-REGULATED INDUSTRIAL LIQUID WASTE	28	DR	8400	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information: 9,1 PROCESSED SOLIDS DRILLING MUD

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: R Soler agent LMC — Signature: R Soler agent LMC — Month 7 Day 26 Year 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ken MRAZ — Signature — Month 7 Day 26 Year 16

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. 7262016	2. Page 1 of 1 OF 1	

3. Generator's Mailing Address:
ENCOTECH
PO BOX 618102
ORLANDO, FL 32861
4. Generator's 941.351.7959

Generator's Site Address (If different than mailing):
LMC
1600 TALLEVAST ROAD
SARASOTA, FLORIDA 34243

A. Manifest Number: **WMNA** Number 7262016
B. State Generator's ID

5. Transporter 1 Company Name
ADLER TANK RENTALS, LLC

6. **US EPA ID Number**

C. State Transporter's ID 1854423
D. Transporter's Phone 727-639-2564

7. Transporter 2 Company Name

8. **US EPA ID Number**

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
OKEECHOBEE LANDFILL
10800 NW 128TH AVENUE
OKEECHOBEE, FLORIDA 34972

10. **US EPA ID Number**

G. State Facility ID
H. State Facility Phone 863.357.0111

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. SPENT CARBON WM PROFILE #405524FL	1	Roll Off			RT3270
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
MIRKO SIMIC	M Simic agent for LMC	8	1	14

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
FREDY		8	1	14

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Non-Hazardous Manifest 5-part form

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. 7262016	2. Page 1 of 1 OF 1	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	Number
ENCOTECH PO BOX 618102 ORLANDO, FL 32861	LMC 1600 TALLEVAST ROAD	WMNA	7262016
4. Generator's 941.351.7959	SARASOTA, FLORIDA 34243	B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID	1854423
ADLER TANK RENTALS, LLC		D. Transporter's Phone	727-639-2564
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID	
		F. Transporter's Phone	
9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID	
OKEECHOBEE LANDFILL 10800 NW 128TH AVENUE OKEECHOBEE, FLORIDA 34972		H. State Facility Phone	863.357.0111

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. SPENT CARBON WM PROFILE #405524FL	1	Roll Off			RT2837
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
MIRKO SIMIC	M. Simic, agent for LMC	8	2	16

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
FREDY	FREDY	8	2	16

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above-listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Non-Hazardous Manifest 5-part form

APPENDIX A –TREATMENT PLANT SHIFT DAILY LOGS

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 1, 2015 6AM to September 2, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.1	2,873	1.7	39.4	24.0	On
EW-2002	0.9	1.0	1,281	6.2	38.8	24.0	On
EW-2003	1.2	1.3	1,816	5.7	37.0	24.0	On
EW-2004	0.5	0.8	756	7.0	33.3	24.0	On
EW-2005	0.3	0.5	636	8.1	30.6	24.0	On
EW-2006	1.3	1.5	1,873	5.7	26.7	24.0	On
EW-2007	1.9	2.2	2,837	7.8	22.1	24.0	On
EW-2008	0.7	0.9	994	3.3	22.5	24.0	On
EW-2009	1.1	1.3	1,560	3.5	22.7	24.0	On
EW-2010	0.0	0.5	272	5.3	21.7	15.1	Off
EW-2011	0.3	0.4	342	9.7	20.3	20.1	On
EW-2012	0.3	0.4	155	13.3	16.6	8.4	On
EW-2013	0.3	0.5	359	18.3	16.7	16.4	On
EW-2014	1.0	2.0	1,489	13.3	15.5	24.0	On
EW-2015	0.3	0.6	557	14.1	14.7	22.5	On
EW-2016	0.5	0.8	787	10.6	---	22.4	On
EW-2017	1.3	1.6	1,859	12.8	---	24.0	On
EW-2018	0.6	1.3	834	12.0	---	24.0	On
EW-2019	0.3	0.7	234	12.7	---	12.9	On
EW-2020	0.3	0.6	372	11.2	---	18.2	On
EW-2021	0.4	0.6	339	12.0	---	13.8	On
EW-2022	0.3	0.6	455	13.0	---	20.8	On
EW-2023	0.3	0.6	486	13.0	---	20.5	On
EW-2024	0.0	0.5	269	10.8	---	14.8	Off
EW-2025	0.8	1.5	1,202	11.2	---	24.0	On
EW-2026	0.7	1.5	1,077	10.2	---	24.0	On
EW-2027	0.8	1.5	1,192	9.7	---	24.0	On
EW-2028	0.8	1.4	1,100	9.7	---	24.0	On
EW-2029	0.9	1.5	1,269	9.0	---	24.0	On
EW-2030	1.4	2.0	2,089	10.5	---	24.0	On
EW-2031	1.4	2.0	2,049	11.5	---	24.0	On
EW-2032	0.5	1.1	735	9.9	---	24.0	On
EW-2033	0.5	1.2	790	9.9	---	24.0	On
EW-2034	0.7	1.4	1,066	9.2	17.5	24.0	On
EW-2035	0.0	0.0	0	20.7	-0.2	0.0	Off
EW-2036	0.8	5.0	881	13.4	21.8	18.2	On
EW-2037	1.0	6.3	1,107	4.2	23.9	18.2	On
EW-2101	6.9	22.3	17,961	16.8	22.3	24.0	On
EW-2102	6.8	19.6	17,242	18.3	23.6	24.0	On
EW-2103	4.8	5.7	5,561	17.2	19.8	18.2	On
EW-2104	9.9	47.0	18,789	14.9	19.8	18.2	On
EW-3001	0.0	0.0	0	2.1	16.6	0.0	Off
EW-3002	0.3	0.6	643	2.3	15.3	24.0	On
EW-3003	0.0	0.0	0	3.8	15.2	0.0	Off

Daily Log

September 1, 2015 6AM to September 2, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	1.8	1.9	2,687	-2.1	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.6	3,026	-3.3	---	24.0	On
EW-3008	0.5	1.3	852	-0.5	---	24.0	On
EW-3009	1.0	1.8	1,550	-1.6	---	24.0	On
EW-3010	1.4	2.1	2,184	-1.8	---	24.0	On
EW-3011	0.5	0.9	477	0.7	16.2	14.8	On
EW-3012	0.6	1.4	904	-4.8	16.6	24.0	On
EW-3013	1.1	1.8	1,536	-6.1	18.6	24.0	On
EW-3014	0.3	0.8	173	-4.2	19.9	10.7	On
EW-3015	1.3	2.2	1,828	-5.9	20.3	24.0	On
EW-3016	0.8	1.6	1,196	-3.7	22.1	24.0	On
EW-3017	0.0	0.5	334	-5.6	21.9	15.7	Off
EW-3018	0.0	0.6	63	-4.7	21.9	3.0	Off
EW-3019	0.9	2.0	1,345	-1.3	22.6	24.0	On
EW-3020	3.8	4.0	5,594	-1.7	39.1	24.0	On
EW-3021	0.3	0.7	486	0.6	21.9	22.1	On
EW-3022	0.8	2.0	1,316	-2.2	28.7	24.0	On
EW-3023	1.6	2.4	2,495	1.4	16.5	24.0	On
EW-3024	0.4	0.6	637	1.8	---	24.0	On
EW-3025	2.0	3.0	2,647	-0.3	30.7	20.5	On
EW-3026	2.6	5.3	3,307	-2.6	31.5	20.5	On
EW-3027	0.0	0.0	0	1.5	---	0.0	Off
EW-4001	2.8	3.2	3,247	-14.8	22.5	18.2	On
EW-4002	2.3	2.7	3,276	-46.9	16.9	24.0	On
EW-4003	1.9	2.3	2,992	-29.4	---	24.0	On
EW-4004	1.5	1.8	2,419	-14.6	16.5	24.0	On
EW-4005	1.9	2.2	2,994	-19.3	---	24.0	On
EW-4006	1.5	2.6	2,127	-50.9	26.0	24.0	On
EW-4007	0.9	1.3	1,122	-2.4	29.8	18.2	On
EW-4008	2.8	3.6	3,287	-12.0	20.5	18.2	On
EW-4009	0.7	1.2	1,203	-19.4	20.4	24.0	On
EW-4010	2.3	2.5	2,512	-5.0	35.0	18.2	On
EW-4011	2.1	2.6	2,332	-19.4	34.1	18.2	On
EW-5001	1.9	2.2	3,002	-22.8	---	24.0	On
EW-5002	0.0	0.0	0	2.9	0.9	0.0	Off
EW Totals	**101.6**		**163,340**				

	Value	Total (KGal)	Peak Flow
FIT-100	101 GPM	163.0	171 GPM
FIT-500	52 GPM	137.8	269 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

September 1, 2015 6AM to September 2, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	40 GPM	28.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 1, 2015 6AM to September 2, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	99 GPM	42.2
Permeate Flow	FIT-642	73 GPM	30.5
Concentrate Flow	FIT-643	24 GPM	10.8

Inlet Conductivity	CIT-630	978.3 µS
Outlet Conductivity	CIT-642	36.2 µS
Hours Run		6.7 hrs
Recharge Tank pH	AIT-660A	5.1
Recharge Tank Temp	TIT-660C	98.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 2, 2015 6AM to September 3, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,855	1.5	39.2	24.0	On
EW-2002	0.9	0.9	1,278	6.1	38.7	24.0	On
EW-2003	1.2	1.3	1,809	5.6	36.8	24.0	On
EW-2004	0.5	0.7	748	6.8	32.8	24.0	On
EW-2005	0.4	0.5	632	7.7	30.0	24.0	On
EW-2006	1.2	1.4	1,808	5.7	25.7	24.0	On
EW-2007	2.0	2.1	2,818	7.5	20.8	24.0	On
EW-2008	0.7	0.9	991	3.2	21.5	24.0	On
EW-2009	1.1	1.3	1,554	3.2	21.6	24.0	On
EW-2010	0.3	0.5	269	5.2	20.7	15.1	On
EW-2011	0.3	0.4	343	9.3	19.2	20.8	On
EW-2012	0.0	0.4	158	12.9	14.1	8.5	Off
EW-2013	0.3	0.5	371	17.5	14.2	18.1	On
EW-2014	1.1	1.4	1,483	13.1	16.7	24.0	On
EW-2015	0.4	0.6	558	12.5	13.5	22.7	On
EW-2016	0.6	0.8	791	11.1	---	22.2	On
EW-2017	1.3	1.5	1,836	12.6	---	24.0	On
EW-2018	0.6	1.3	823	11.6	---	24.0	On
EW-2019	0.3	0.5	232	12.8	---	12.8	On
EW-2020	0.0	0.6	376	11.1	---	17.9	Off
EW-2021	0.4	0.6	332	13.4	---	13.4	On
EW-2022	0.4	0.6	450	11.7	---	20.3	On
EW-2023	0.4	0.5	513	11.3	---	22.7	On
EW-2024	0.3	0.5	269	9.7	---	14.8	On
EW-2025	0.8	1.4	1,194	10.8	---	24.0	On
EW-2026	0.7	1.3	1,070	9.8	---	24.0	On
EW-2027	0.8	1.4	1,185	9.3	---	24.0	On
EW-2028	0.8	1.3	1,094	9.3	---	24.0	On
EW-2029	0.9	1.4	1,264	8.6	---	24.0	On
EW-2030	1.5	1.9	2,073	10.2	---	24.0	On
EW-2031	1.4	1.8	2,028	11.1	---	24.0	On
EW-2032	0.5	1.1	728	9.5	---	24.0	On
EW-2033	0.5	1.1	787	9.5	---	24.0	On
EW-2034	0.7	1.0	1,053	8.9	22.3	24.0	On
EW-2035	0.0	0.0	0	20.6	-0.3	0.0	Off
EW-2036	0.8	5.1	956	13.1	28.0	19.6	On
EW-2037	1.0	6.4	976	4.0	31.4	16.0	On
EW-2101	20.2	20.5	27,263	15.5	53.0	24.0	On
EW-2102	18.9	19.4	25,674	16.8	59.5	24.0	On
EW-2103	5.2	5.6	4,870	17.3	32.1	16.0	On
EW-2104	40.1	40.2	34,342	13.6	50.7	16.0	On
EW-3001	0.0	0.0	0	2.2	14.1	0.0	Off
EW-3002	0.5	0.5	623	2.0	12.9	24.0	On
EW-3003	0.0	0.0	0	3.8	12.8	0.0	Off

Daily Log

September 2, 2015 6AM to September 3, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	1.8	1.9	2,658	-2.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.3	2,960	-3.6	---	24.0	On
EW-3008	0.6	1.2	810	-0.9	---	24.0	On
EW-3009	1.0	1.5	1,488	-2.0	---	24.0	On
EW-3010	1.5	1.8	2,096	-2.1	---	24.0	On
EW-3011	0.5	0.9	530	0.2	20.9	17.2	On
EW-3012	0.6	1.2	893	-5.2	23.9	24.0	On
EW-3013	1.1	1.4	1,528	-6.2	30.9	24.0	On
EW-3014	0.0	0.5	175	-3.9	36.8	11.1	Off
EW-3015	1.2	1.5	1,821	-6.0	42.5	24.0	On
EW-3016	0.8	1.3	1,192	-3.9	49.3	24.0	On
EW-3017	0.4	0.5	326	-2.8	50.6	15.6	On
EW-3018	0.0	0.6	62	-5.0	50.5	3.1	Off
EW-3019	0.9	1.4	1,336	-1.3	51.2	24.0	On
EW-3020	3.8	3.9	5,556	-1.8	38.9	24.0	On
EW-3021	0.4	0.6	497	0.0	25.6	22.9	On
EW-3022	0.9	1.1	1,245	-2.6	32.9	24.0	On
EW-3023	1.7	2.0	2,458	1.1	22.2	24.0	On
EW-3024	0.5	0.6	624	1.3	---	24.0	On
EW-3025	2.0	2.2	2,962	-0.3	34.9	24.0	On
EW-3026	2.7	2.8	3,823	-2.8	35.7	24.0	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	2.9	3.2	3,480	-15.0	28.7	19.6	On
EW-4002	2.3	2.6	3,272	-46.9	14.4	24.0	On
EW-4003	2.0	2.2	2,942	-28.7	---	24.0	On
EW-4004	1.7	1.8	2,404	-15.1	15.0	24.0	On
EW-4005	2.1	2.2	2,968	-19.5	---	24.0	On
EW-4006	1.5	1.7	2,124	-51.1	30.0	24.0	On
EW-4007	1.0	1.1	1,466	-2.5	33.9	24.0	On
EW-4008	2.9	3.3	2,784	-10.7	32.8	16.0	On
EW-4009	0.9	0.9	1,186	-19.4	31.6	24.0	On
EW-4010	2.2	2.4	2,154	-5.2	42.8	16.0	On
EW-4011	2.2	2.6	2,100	-20.1	42.1	16.0	On
EW-5001	2.1	2.2	2,988	-23.1	---	24.0	On
EW-5002	0.0	0.0	0	3.0	0.9	0.0	Off
EW Totals	**160.4**		**195,387**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	195.6	166 GPM
FIT-500	203 GPM	167.5	274 GPM
Effluent Temp	98.3 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

September 2, 2015 6AM to September 3, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	40 GPM	26.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 2, 2015 6AM to September 3, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	98 GPM	39.4
Permeate Flow	FIT-642	71 GPM	28.7
Concentrate Flow	FIT-643	25 GPM	10.0

Inlet Conductivity	CIT-630	971.4 µS
Outlet Conductivity	CIT-642	35.0 µS
Hours Run		6.5 hrs
Recharge Tank pH	AIT-660A	5.2
Recharge Tank Temp	TIT-660C	98.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 3, 2015 6AM to September 4, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.4	2,845	1.4	38.8	23.9	On
EW-2002	0.9	2.4	1,266	6.0	38.2	23.9	On
EW-2003	1.2	1.8	1,786	5.7	36.2	23.9	On
EW-2004	0.5	3.5	737	6.7	32.4	23.9	On
EW-2005	0.5	0.7	649	7.3	29.7	23.9	On
EW-2006	1.3	4.0	1,806	5.5	25.5	23.9	On
EW-2007	1.9	5.1	2,806	7.5	20.7	23.9	On
EW-2008	0.7	4.1	985	3.1	21.1	23.9	On
EW-2009	1.1	4.0	1,556	3.3	21.2	23.9	On
EW-2010	0.0	0.6	267	6.2	20.3	15.2	Off
EW-2011	0.3	0.5	342	8.7	18.8	21.1	On
EW-2012	0.0	0.5	157	12.2	14.2	8.8	Off
EW-2013	0.0	0.5	374	17.8	14.3	19.1	Off
EW-2014	1.0	5.5	1,372	13.1	18.0	22.4	On
EW-2015	0.4	0.7	506	12.2	14.3	20.7	On
EW-2016	0.5	0.7	783	12.0	---	22.0	On
EW-2017	1.3	4.1	1,813	12.7	---	23.9	On
EW-2018	0.6	2.8	818	11.7	---	23.9	On
EW-2019	0.3	0.4	227	11.9	---	12.6	On
EW-2020	0.3	0.5	373	11.6	---	18.2	On
EW-2021	0.0	0.5	331	13.7	---	13.4	Off
EW-2022	0.3	0.5	445	13.0	---	20.0	On
EW-2023	0.4	0.5	528	11.1	---	23.8	On
EW-2024	0.3	0.4	266	10.3	---	14.9	On
EW-2025	0.8	3.8	1,189	10.8	---	23.9	On
EW-2026	0.7	3.7	1,068	9.8	---	23.9	On
EW-2027	0.8	4.1	1,182	9.3	---	23.9	On
EW-2028	0.8	3.8	1,093	9.3	---	23.9	On
EW-2029	0.9	4.6	1,261	8.6	---	23.9	On
EW-2030	1.4	6.8	2,064	10.3	---	23.9	On
EW-2031	1.4	6.9	2,015	11.1	---	23.9	On
EW-2032	0.5	2.5	727	9.5	---	23.9	On
EW-2033	0.5	2.5	785	9.6	---	23.9	On
EW-2034	0.7	3.8	1,043	9.0	22.5	23.9	On
EW-2035	0.0	0.0	0	20.6	-0.3	0.0	Off
EW-2036	0.8	4.9	1,134	13.2	30.4	23.9	On
EW-2037	1.0	5.7	1,401	4.0	34.1	23.9	On
EW-2101	19.9	21.2	28,782	15.4	53.3	23.9	On
EW-2102	18.7	19.9	26,949	16.7	60.2	23.9	On
EW-2103	5.2	6.1	7,288	17.2	36.8	23.9	On
EW-2104	46.2	47.4	65,396	12.9	62.1	23.9	On
EW-3001	0.0	0.0	0	2.1	14.2	0.0	Off
EW-3002	0.5	0.6	620	1.8	13.1	23.9	On
EW-3003	0.0	0.0	0	3.8	13.1	0.0	Off

Daily Log

September 3, 2015 6AM to September 4, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	1.9	1.9	2,664	-2.4	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	5.5	2,923	-3.7	---	23.9	On
EW-3008	0.5	4.1	782	-0.9	---	23.9	On
EW-3009	1.0	5.8	1,452	-1.9	---	23.9	On
EW-3010	1.4	5.7	2,043	-2.1	---	23.9	On
EW-3011	0.5	0.9	655	0.3	21.1	22.2	On
EW-3012	0.6	5.4	889	-5.2	24.0	23.9	On
EW-3013	1.1	5.3	1,521	-6.3	30.8	23.9	On
EW-3014	0.0	0.5	175	-4.3	37.1	11.2	Off
EW-3015	1.3	4.2	1,813	-6.0	42.8	23.9	On
EW-3016	0.8	2.5	1,182	-3.8	49.8	23.9	On
EW-3017	0.3	0.5	331	-5.0	51.0	16.2	On
EW-3018	0.0	0.6	62	-4.6	50.9	3.1	Off
EW-3019	1.0	3.2	1,326	-1.7	51.6	23.9	On
EW-3020	3.8	5.9	5,517	-1.9	38.4	23.9	On
EW-3021	0.4	0.5	510	0.1	27.2	23.6	On
EW-3022	0.8	5.1	1,215	-2.4	34.1	23.9	On
EW-3023	1.7	5.2	2,399	1.1	22.3	23.9	On
EW-3024	0.5	0.5	630	1.2	---	23.8	On
EW-3025	2.0	2.6	2,949	-0.3	36.2	23.9	On
EW-3026	2.6	4.9	3,793	-2.6	36.9	23.9	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	2.9	3.1	4,106	-14.4	31.1	23.9	On
EW-4002	2.3	6.3	3,260	-47.2	14.6	23.9	On
EW-4003	2.0	2.3	2,796	-27.7	---	23.9	On
EW-4004	1.6	1.7	2,255	-14.0	15.0	23.9	On
EW-4005	1.9	2.1	2,791	-17.8	---	23.9	On
EW-4006	1.5	4.9	2,093	-51.0	31.5	23.9	On
EW-4007	1.0	1.1	1,459	-2.3	35.3	23.9	On
EW-4008	2.9	3.2	4,171	-10.7	37.5	23.9	On
EW-4009	0.8	0.9	1,170	-19.3	31.7	23.9	On
EW-4010	2.2	2.3	3,014	-4.8	44.6	23.0	On
EW-4011	2.0	2.3	2,886	-17.7	43.9	23.0	On
EW-5001	1.9	2.1	2,825	-21.2	---	23.9	On
EW-5002	0.0	0.0	0	3.0	0.9	0.0	Off
EW Totals	**163.9**		**234,693**				

	Value	Total (KGal)	Peak Flow
FIT-100	164 GPM	235.3	183 GPM
FIT-500	201 GPM	207.1	272 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

September 3, 2015 6AM to September 4, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	30.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 3, 2015 6AM to September 4, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	46.8
Permeate Flow	FIT-642	0 GPM	34.0
Concentrate Flow	FIT-643	0 GPM	12.0

Inlet Conductivity	CIT-630	965.6 µS
Outlet Conductivity	CIT-642	75.8 µS
Hours Run		8.0 hrs
Recharge Tank pH	AIT-660A	5.1
Recharge Tank Temp	TIT-660C	98.5 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 4, 2015 6AM to September 5, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.0	2,844	1.4	38.8	24.0	On
EW-2002	0.9	0.9	1,254	6.2	38.3	24.0	On
EW-2003	1.2	1.2	1,741	5.7	36.4	24.0	On
EW-2004	0.5	0.5	728	7.0	32.5	24.0	On
EW-2005	0.4	0.5	662	7.4	29.8	24.0	On
EW-2006	1.2	1.3	1,795	5.7	25.6	24.0	On
EW-2007	1.9	2.0	2,785	7.6	20.8	24.0	On
EW-2008	0.7	0.8	987	3.1	21.1	24.0	On
EW-2009	1.1	1.1	1,539	3.3	21.3	24.0	On
EW-2010	0.0	0.3	267	6.4	20.4	15.3	Off
EW-2011	0.2	0.4	342	8.2	18.9	21.9	On
EW-2012	0.3	0.4	154	12.3	15.2	8.7	On
EW-2013	0.3	0.4	370	17.4	15.2	19.0	On
EW-2014	1.0	1.1	1,450	13.3	18.3	24.0	On
EW-2015	0.4	0.5	557	11.9	14.4	22.5	On
EW-2016	0.6	0.7	783	10.8	---	22.2	On
EW-2017	1.2	1.3	1,801	12.8	---	24.0	On
EW-2018	0.7	0.9	817	12.0	---	24.0	On
EW-2019	0.3	0.4	229	11.8	---	12.8	On
EW-2020	0.4	0.4	372	11.6	---	18.4	On
EW-2021	0.0	0.5	330	13.8	---	13.4	Off
EW-2022	0.4	0.5	446	11.3	---	20.7	On
EW-2023	0.4	0.4	516	13.0	---	23.3	On
EW-2024	0.0	0.4	267	9.9	---	15.1	Off
EW-2025	0.9	1.0	1,185	11.2	---	24.0	On
EW-2026	0.8	0.9	1,064	10.2	---	24.0	On
EW-2027	0.9	1.0	1,178	9.7	---	24.0	On
EW-2028	0.9	1.0	1,090	9.7	---	24.0	On
EW-2029	1.0	1.1	1,257	9.0	---	24.0	On
EW-2030	1.4	1.5	2,057	10.6	---	24.0	On
EW-2031	1.4	1.5	2,008	11.5	---	24.0	On
EW-2032	0.6	0.8	724	9.9	---	24.0	On
EW-2033	0.6	0.8	782	9.9	---	24.0	On
EW-2034	0.7	0.8	1,037	9.1	22.8	24.0	On
EW-2035	0.0	0.0	0	20.5	-0.3	0.0	Off
EW-2036	0.8	0.9	1,106	13.3	30.8	24.0	On
EW-2037	0.9	5.2	1,381	4.1	35.0	23.6	On
EW-2101	19.6	20.1	28,493	15.3	53.6	24.0	On
EW-2102	18.3	18.9	26,752	16.7	60.6	24.0	On
EW-2103	4.9	5.3	7,351	17.1	37.1	24.0	On
EW-2104	46.2	46.5	66,427	12.7	62.2	24.0	On
EW-3001	0.0	0.0	0	2.1	15.2	0.0	Off
EW-3002	0.4	0.5	632	2.1	13.8	24.0	On
EW-3003	0.0	0.0	0	3.8	13.7	0.0	Off

Daily Log

September 4, 2015 6AM to September 5, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	1.9	1.9	2,699	-2.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.1	2,901	-3.4	---	24.0	On
EW-3008	0.7	0.8	762	-0.5	---	24.0	On
EW-3009	0.9	1.1	1,427	-1.6	---	24.0	On
EW-3010	1.4	1.5	2,022	-1.9	---	24.0	On
EW-3011	0.5	0.8	731	0.4	21.5	23.8	On
EW-3012	0.7	0.8	886	-4.8	24.4	24.0	On
EW-3013	1.1	1.2	1,518	-6.1	31.2	24.0	On
EW-3014	0.0	0.4	175	-4.5	37.5	11.2	Off
EW-3015	1.3	1.3	1,810	-5.9	43.2	24.0	On
EW-3016	0.8	0.9	1,178	-3.7	50.2	24.0	On
EW-3017	0.4	0.5	326	-4.2	51.4	16.2	On
EW-3018	0.0	0.6	62	-4.4	51.3	3.0	Off
EW-3019	0.9	1.0	1,324	-1.3	52.0	24.0	On
EW-3020	3.8	3.9	5,511	-1.9	38.5	24.0	On
EW-3021	0.4	0.4	528	0.1	27.4	24.0	On
EW-3022	0.8	0.9	1,187	-2.3	34.2	24.0	On
EW-3023	1.6	1.7	2,344	1.3	22.8	24.0	On
EW-3024	0.5	0.5	646	1.5	---	24.0	On
EW-3025	2.0	2.1	2,934	-0.3	36.3	24.0	On
EW-3026	2.6	2.6	3,729	-2.6	37.1	24.0	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	2.9	2.9	4,140	-14.9	31.5	24.0	On
EW-4002	2.3	2.4	3,260	-46.8	15.5	24.0	On
EW-4003	1.9	2.0	2,791	-27.7	---	24.0	On
EW-4004	1.5	1.6	2,219	-13.9	15.1	24.0	On
EW-4005	1.9	1.9	2,747	-18.0	---	24.0	On
EW-4006	1.4	1.5	2,085	-50.9	31.6	24.0	On
EW-4007	0.9	1.0	1,364	-2.4	35.4	24.0	On
EW-4008	2.9	3.1	4,225	-11.2	37.7	24.0	On
EW-4009	0.8	0.9	1,176	-19.2	32.0	24.0	On
EW-4010	2.2	2.2	3,134	-5.0	46.7	24.0	On
EW-4011	2.3	2.4	3,144	-21.9	46.1	24.0	On
EW-5001	1.9	2.0	2,767	-21.0	---	24.0	On
EW-5002	0.0	0.0	0	3.0	0.9	0.0	Off
EW Totals	**163.8**		**235,307**				

	Value	Total (KGal)	Peak Flow
FIT-100	164 GPM	235.8	169 GPM
FIT-500	192 GPM	198.9	274 GPM
Effluent Temp	97.9 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

September 4, 2015 6AM to September 5, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	31.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 4, 2015 6AM to September 5, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	46.5
Permeate Flow	FIT-642	0 GPM	33.7
Concentrate Flow	FIT-643	0 GPM	12.0

Inlet Conductivity	CIT-630	998.3 µS
Outlet Conductivity	CIT-642	87.7 µS
Hours Run		7.6 hrs
Recharge Tank pH	AIT-660A	5.2
Recharge Tank Temp	TIT-660C	98.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 5, 2015 6AM to September 6, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.6	2,837	1.6	39.3	24.0	On
EW-2002	0.9	1.5	1,250	6.2	38.7	24.0	On
EW-2003	1.2	1.6	1,769	5.7	36.7	24.0	On
EW-2004	0.5	4.7	725	6.9	32.6	23.7	On
EW-2005	0.5	0.8	656	7.4	30.0	24.0	On
EW-2006	1.2	1.9	1,792	5.7	26.0	24.0	On
EW-2007	2.0	4.9	2,759	7.6	21.1	23.7	On
EW-2008	0.7	4.0	990	3.1	21.8	23.6	On
EW-2009	1.1	4.6	1,541	3.4	21.9	23.6	On
EW-2010	0.3	10.0	272	5.3	21.0	15.3	On
EW-2011	0.3	0.7	340	9.4	19.5	21.0	On
EW-2012	0.0	0.4	158	11.4	14.0	8.7	Off
EW-2013	0.0	0.5	376	17.0	14.7	19.0	Off
EW-2014	1.1	1.9	1,485	13.2	18.1	24.0	On
EW-2015	0.5	0.7	553	13.5	14.4	22.4	On
EW-2016	0.7	0.8	779	11.5	---	21.8	On
EW-2017	1.3	1.4	1,810	12.7	---	24.0	On
EW-2018	0.6	1.2	813	11.6	---	24.0	On
EW-2019	0.3	0.4	232	11.7	---	12.9	On
EW-2020	0.3	0.5	371	12.0	---	17.9	On
EW-2021	0.4	0.5	330	12.4	---	13.3	On
EW-2022	0.4	0.6	446	12.2	---	19.9	On
EW-2023	0.4	0.5	506	11.3	---	23.2	On
EW-2024	0.0	0.4	267	10.9	---	14.9	Off
EW-2025	0.8	1.1	1,179	10.8	---	24.0	On
EW-2026	0.7	1.2	1,058	9.8	---	24.0	On
EW-2027	0.8	1.3	1,174	9.3	---	24.0	On
EW-2028	0.8	1.3	1,085	9.3	---	24.0	On
EW-2029	0.9	1.3	1,250	8.6	---	24.0	On
EW-2030	1.5	1.7	2,050	10.4	---	24.0	On
EW-2031	1.5	1.7	2,000	11.2	---	24.0	On
EW-2032	0.5	1.1	716	9.5	---	24.0	On
EW-2033	0.5	1.0	777	9.5	---	24.0	On
EW-2034	0.7	1.7	1,036	9.1	22.7	24.0	On
EW-2035	0.0	0.0	0	20.5	-0.1	0.0	Off
EW-2036	0.9	4.3	1,173	13.3	30.9	23.7	On
EW-2037	1.0	5.1	1,409	4.1	34.9	23.9	On
EW-2101	19.7	19.9	27,754	15.3	52.4	23.7	On
EW-2102	18.6	18.7	26,142	16.3	59.4	23.7	On
EW-2103	5.2	16.9	7,229	17.0	37.1	23.7	On
EW-2104	46.1	46.4	61,389	12.6	62.3	23.7	On
EW-3001	0.0	0.5	5	2.1	13.9	0.3	Off
EW-3002	0.4	0.8	588	2.0	12.8	24.0	On
EW-3003	0.0	0.5	8	3.8	12.8	0.4	Off

Daily Log

September 5, 2015 6AM to September 6, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	3	1.8	---	0.2	Off
EW-3005	1.8	1.9	2,669	-2.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.3	2,913	-3.5	---	24.0	On
EW-3008	0.5	1.1	762	-0.9	---	24.0	On
EW-3009	1.1	1.4	1,435	-1.9	---	24.0	On
EW-3010	1.4	1.8	2,054	-2.0	---	24.0	On
EW-3011	0.5	1.3	673	0.1	21.3	21.3	On
EW-3012	0.7	2.5	904	-5.1	24.2	24.0	On
EW-3013	1.1	5.5	1,527	-6.2	30.8	23.7	On
EW-3014	0.0	0.6	181	-4.2	36.6	11.4	Off
EW-3015	1.3	5.7	1,822	-6.2	42.2	23.9	On
EW-3016	0.8	3.0	1,160	-4.0	49.0	23.7	On
EW-3017	0.0	0.5	199	12.4	0.0	9.8	Off
EW-3018	0.0	3.5	61	-4.5	49.6	3.0	Off
EW-3019	0.0	1.1	795	10.9	0.0	14.6	Off
EW-3020	4.1	5.9	5,588	-1.7	39.0	23.7	On
EW-3021	0.4	1.1	506	0.1	27.5	23.5	On
EW-3022	0.8	4.5	1,193	-2.4	34.5	23.7	On
EW-3023	1.7	5.4	2,162	1.1	22.6	21.3	On
EW-3024	0.5	0.6	633	1.4	---	24.0	On
EW-3025	2.1	2.5	2,985	-0.3	36.8	23.7	On
EW-3026	2.6	4.2	3,739	-2.6	37.5	23.7	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	2.9	3.3	4,222	-14.8	31.6	23.7	On
EW-4002	2.2	2.8	3,263	-47.2	14.6	24.0	On
EW-4003	2.0	2.2	2,813	-28.4	---	24.0	On
EW-4004	1.8	1.9	2,337	-16.2	15.2	24.0	On
EW-4005	2.0	2.2	2,802	-19.6	---	24.0	On
EW-4006	1.5	4.6	2,075	-51.0	31.9	23.7	On
EW-4007	1.0	1.3	1,418	-2.5	35.7	23.7	On
EW-4008	2.9	3.5	4,209	-11.9	37.8	23.7	On
EW-4009	0.9	1.9	1,194	-20.0	31.6	24.0	On
EW-4010	2.1	2.4	3,144	-3.9	46.1	24.0	On
EW-4011	2.3	2.6	3,334	-21.0	45.4	24.0	On
EW-5001	2.0	2.2	2,814	-21.8	---	24.0	On
EW-5002	0.0	0.0	0	3.1	0.9	0.0	Off
EW Totals	**164.5**		**228,668**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	229.1	197 GPM
FIT-500	202 GPM	213.0	271 GPM
Effluent Temp	97.2 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

September 5, 2015 6AM to September 6, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	9 GPM	0.0
RC-7003	FIT-665	10 GPM	25.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 5, 2015 6AM to September 6, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	36.2
Permeate Flow	FIT-642	0 GPM	26.2
Concentrate Flow	FIT-643	0 GPM	9.4

Inlet Conductivity	CIT-630	970.5 µS
Outlet Conductivity	CIT-642	151.3 µS
Hours Run		6.8 hrs
Recharge Tank pH	AIT-660A	5.3
Recharge Tank Temp	TIT-660C	96.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 6, 2015 6AM to September 7, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.0	2,867	1.7	39.8	24.0	On
EW-2002	0.9	0.9	1,284	6.2	39.3	24.0	On
EW-2003	1.3	1.5	1,818	5.4	37.2	24.0	On
EW-2004	0.5	0.6	746	6.8	32.9	24.0	On
EW-2005	0.5	0.5	646	7.8	30.3	24.0	On
EW-2006	1.3	1.3	1,798	5.6	26.1	24.0	On
EW-2007	2.0	2.0	2,798	7.6	21.0	24.0	On
EW-2008	0.8	0.8	1,029	3.1	21.1	24.0	On
EW-2009	1.2	1.2	1,592	3.3	21.2	24.0	On
EW-2010	0.0	0.3	276	6.5	20.3	15.7	Off
EW-2011	0.0	0.4	348	8.2	18.8	21.1	Off
EW-2012	0.3	0.4	153	12.5	14.3	8.6	On
EW-2013	0.0	0.4	381	17.2	14.4	19.3	Off
EW-2014	1.1	1.2	1,544	13.2	16.9	24.0	On
EW-2015	0.0	0.6	555	12.4	13.8	22.4	Off
EW-2016	0.6	0.7	781	9.9	---	21.9	On
EW-2017	1.3	1.3	1,804	12.7	---	24.0	On
EW-2018	0.6	0.9	816	11.6	---	24.0	On
EW-2019	0.3	0.4	236	12.8	---	13.2	On
EW-2020	0.0	0.5	370	11.2	---	17.9	Off
EW-2021	0.0	0.5	328	12.0	---	13.2	Off
EW-2022	0.3	0.5	441	13.1	---	20.3	On
EW-2023	0.4	0.4	497	11.4	---	22.7	On
EW-2024	0.3	0.4	268	10.1	---	15.0	On
EW-2025	0.8	1.0	1,183	10.8	---	24.0	On
EW-2026	0.8	0.9	1,062	9.8	---	24.0	On
EW-2027	0.8	1.0	1,182	9.3	---	24.0	On
EW-2028	0.8	1.0	1,093	9.3	---	24.0	On
EW-2029	0.9	1.1	1,257	8.6	---	24.0	On
EW-2030	1.5	1.6	2,063	10.2	---	24.0	On
EW-2031	1.4	1.6	2,038	11.1	---	24.0	On
EW-2032	0.5	0.8	721	9.5	---	24.0	On
EW-2033	0.5	0.8	780	9.5	---	24.0	On
EW-2034	0.7	0.8	1,048	9.0	23.0	24.0	On
EW-2035	0.0	0.0	0	20.6	-0.1	0.0	Off
EW-2036	0.9	0.9	1,247	13.1	28.8	24.0	On
EW-2037	1.0	1.5	1,464	3.9	32.2	24.0	On
EW-2101	19.4	19.8	28,240	15.3	52.4	24.0	On
EW-2102	18.4	18.6	26,536	16.2	59.6	24.0	On
EW-2103	5.2	7.8	7,358	17.0	32.7	24.0	On
EW-2104	40.0	46.3	60,332	12.9	50.9	24.0	On
EW-3001	0.0	0.0	0	2.1	14.4	0.0	Off
EW-3002	0.5	0.5	596	1.9	13.2	24.0	On
EW-3003	0.0	0.0	0	3.8	13.1	0.0	Off

Daily Log

September 6, 2015 6AM to September 7, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	1.9	1.9	2,678	-2.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.0	2,884	-3.6	---	24.0	On
EW-3008	0.5	0.8	747	-0.9	---	24.0	On
EW-3009	1.0	1.1	1,408	-2.0	---	24.0	On
EW-3010	1.4	1.5	2,005	-2.2	---	24.0	On
EW-3011	0.5	0.6	732	0.3	21.6	24.0	On
EW-3012	0.6	0.8	888	-5.2	24.4	24.0	On
EW-3013	1.1	1.2	1,530	-6.3	30.9	24.0	On
EW-3014	0.0	0.4	172	-4.3	36.5	10.8	Off
EW-3015	1.3	1.4	1,835	-6.1	42.2	24.0	On
EW-3016	0.8	0.9	1,185	-3.8	49.1	24.0	On
EW-3017	0.0	0.0	0	12.6	0.0	0.0	Off
EW-3018	0.4	0.6	66	-4.5	49.8	3.2	On
EW-3019	0.0	0.0	0	10.9	0.0	0.0	Off
EW-3020	4.1	4.2	5,928	-1.7	39.5	24.0	On
EW-3021	0.4	0.6	523	0.0	25.9	23.9	On
EW-3022	0.8	1.0	1,175	-2.5	33.3	24.0	On
EW-3023	1.6	1.7	2,374	1.2	22.9	24.0	On
EW-3024	0.5	0.5	645	1.3	---	24.0	On
EW-3025	2.2	2.2	3,075	-0.5	35.5	24.0	On
EW-3026	2.6	2.7	3,783	-2.9	36.3	24.0	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	3.1	3.1	4,347	-16.1	29.4	24.0	On
EW-4002	2.3	2.4	3,251	-47.1	14.7	24.0	On
EW-4003	2.0	2.0	2,837	-28.6	---	24.0	On
EW-4004	1.8	1.8	2,512	-16.2	15.2	24.0	On
EW-4005	2.0	2.1	2,889	-19.6	---	24.0	On
EW-4006	1.4	1.6	2,069	-51.0	30.5	24.0	On
EW-4007	1.0	1.1	1,459	-2.9	34.4	24.0	On
EW-4008	3.0	3.4	4,262	-12.2	33.3	24.0	On
EW-4009	0.8	0.9	1,191	-19.9	31.9	24.0	On
EW-4010	2.1	2.2	3,067	-3.4	43.8	24.0	On
EW-4011	2.4	2.4	3,333	-22.3	43.0	24.0	On
EW-5001	2.0	2.0	2,871	-21.9	---	24.0	On
EW-5002	0.0	0.0	0	3.2	0.9	0.0	Off
EW Totals	**157.5**		**229,297**				

	Value	Total (KGal)	Peak Flow
FIT-100	157 GPM	229.4	169 GPM
FIT-500	209 GPM	209.8	272 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

September 6, 2015 6AM to September 7, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	20.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 6, 2015 6AM to September 7, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	31.0
Permeate Flow	FIT-642	0 GPM	22.5
Concentrate Flow	FIT-643	0 GPM	8.0

Inlet Conductivity	CIT-630	1,000.0 µS
Outlet Conductivity	CIT-642	140.9 µS
Hours Run		4.9 hrs
Recharge Tank pH	AIT-660A	5.2
Recharge Tank Temp	TIT-660C	98.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 7, 2015 6AM to September 8, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	2,907	1.7	40.9	24.0	On
EW-2002	0.9	0.9	1,309	6.2	40.3	24.0	On
EW-2003	1.3	1.3	1,856	5.7	38.2	24.0	On
EW-2004	0.5	0.6	753	6.7	33.8	24.0	On
EW-2005	0.4	0.5	583	8.8	31.1	24.0	On
EW-2006	1.3	1.3	1,818	5.6	26.9	24.0	On
EW-2007	2.0	2.0	2,828	7.6	21.7	24.0	On
EW-2008	0.8	1.0	1,078	3.0	22.5	24.0	On
EW-2009	1.2	1.3	1,638	3.3	22.6	24.0	On
EW-2010	0.3	0.4	287	6.4	21.7	16.1	On
EW-2011	0.3	0.4	353	8.9	20.2	21.2	On
EW-2012	0.0	0.4	155	13.5	14.2	8.6	On
EW-2013	0.3	0.4	394	18.7	14.3	19.5	On
EW-2014	1.1	1.2	1,563	13.1	15.4	24.0	On
EW-2015	0.4	0.6	554	13.0	13.3	22.4	On
EW-2016	0.6	0.7	781	10.2	---	21.9	On
EW-2017	1.3	1.3	1,832	12.6	---	24.0	On
EW-2018	0.6	0.9	818	11.7	---	24.0	On
EW-2019	0.0	0.4	239	13.2	---	13.5	Off
EW-2020	0.3	0.5	369	12.0	---	17.7	On
EW-2021	0.4	0.5	329	12.8	---	13.2	On
EW-2022	0.0	0.5	446	12.9	---	20.4	Off
EW-2023	0.4	0.4	498	11.1	---	22.4	On
EW-2024	0.3	0.4	269	10.8	---	14.9	On
EW-2025	0.8	1.1	1,193	10.8	---	24.0	On
EW-2026	0.7	1.0	1,065	9.8	---	24.0	On
EW-2027	0.8	1.1	1,194	9.3	---	24.0	On
EW-2028	0.8	1.0	1,105	9.3	---	24.0	On
EW-2029	0.9	1.1	1,268	8.6	---	24.0	On
EW-2030	1.5	1.6	2,087	10.2	---	24.0	On
EW-2031	1.5	1.6	2,071	11.1	---	24.0	On
EW-2032	0.5	0.8	727	9.5	---	24.0	On
EW-2033	0.5	0.8	784	9.5	---	24.0	On
EW-2034	0.8	1.0	1,060	8.9	23.5	24.0	On
EW-2035	0.0	0.0	0	20.6	0.0	0.0	Off
EW-2036	0.9	1.2	1,268	13.1	25.7	24.0	On
EW-2037	1.1	1.9	1,494	3.9	28.3	24.0	On
EW-2101	19.0	19.6	27,697	15.4	53.0	24.0	On
EW-2102	18.3	18.6	26,354	16.2	60.2	24.0	On
EW-2103	5.2	7.1	7,353	17.1	26.6	24.0	On
EW-2104	30.0	45.3	56,697	13.4	36.5	24.0	On
EW-3001	0.0	0.0	0	2.2	14.2	0.0	Off
EW-3002	0.5	0.5	598	1.9	13.0	24.0	On
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

September 7, 2015 6AM to September 8, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	1.9	1.9	2,686	-2.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.1	2,893	-3.6	---	24.0	On
EW-3008	0.5	0.9	748	-0.9	---	24.0	On
EW-3009	1.0	1.2	1,406	-2.0	---	24.0	On
EW-3010	1.4	1.6	2,012	-2.2	---	24.0	On
EW-3011	0.5	0.8	700	0.3	22.1	23.1	On
EW-3012	0.6	0.8	890	-5.1	24.9	24.0	On
EW-3013	1.1	1.2	1,532	-6.4	31.4	24.0	On
EW-3014	0.3	0.5	173	-4.5	37.3	10.9	On
EW-3015	1.3	1.5	1,844	-6.2	43.1	24.0	On
EW-3016	0.8	0.9	1,181	-3.9	49.9	24.0	On
EW-3017	0.0	0.0	0	12.7	0.0	0.0	Off
EW-3018	0.0	0.6	34	6.0	50.5	1.6	Off
EW-3019	0.0	0.0	0	11.0	0.0	0.0	Off
EW-3020	4.1	4.1	5,915	-1.5	40.4	24.0	On
EW-3021	0.4	0.5	521	0.0	23.6	23.6	On
EW-3022	0.8	1.0	1,162	-2.4	30.8	24.0	On
EW-3023	1.7	1.8	2,400	1.1	23.3	24.0	On
EW-3024	0.5	0.5	643	1.4	---	24.0	On
EW-3025	2.2	2.4	3,068	-0.4	33.0	24.0	On
EW-3026	2.6	2.7	3,772	-2.8	33.8	24.0	On
EW-3027	0.0	0.0	0	1.5	---	0.0	Off
EW-4001	3.2	3.3	4,378	-16.8	26.3	24.0	On
EW-4002	2.3	2.7	3,256	-47.2	14.6	24.0	On
EW-4003	2.0	2.0	2,823	-28.5	---	24.0	On
EW-4004	1.7	1.8	2,465	-15.7	15.6	24.0	On
EW-4005	2.0	2.0	2,857	-19.2	---	24.0	On
EW-4006	1.4	1.6	2,055	-51.0	28.1	24.0	On
EW-4007	1.0	1.1	1,456	-2.6	32.0	24.0	On
EW-4008	3.1	3.4	4,335	-13.3	27.4	24.0	On
EW-4009	0.8	0.9	1,192	-20.2	32.3	24.0	On
EW-4010	2.2	2.2	3,050	-2.9	40.2	23.8	On
EW-4011	2.3	2.4	3,199	-19.2	39.3	23.8	On
EW-5001	2.0	2.0	2,835	-21.4	---	24.0	On
EW-5002	0.0	0.0	0	3.3	0.9	0.0	Off
EW Totals	**148.2**		**225,148**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	225.1	167 GPM
FIT-500	202 GPM	206.8	273 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

September 7, 2015 6AM to September 8, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	15.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 7, 2015 6AM to September 8, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	22.7
Permeate Flow	FIT-642	0 GPM	16.4
Concentrate Flow	FIT-643	0 GPM	5.9

Inlet Conductivity	CIT-630	961.2 µS
Outlet Conductivity	CIT-642	160.0 µS
Hours Run		4.6 hrs
Recharge Tank pH	AIT-660A	5.3
Recharge Tank Temp	TIT-660C	96.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 8, 2015 6AM to September 9, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.5	2,856	1.7	40.6	22.6	On
EW-2002	1.0	2.5	1,318	6.0	40.1	22.6	On
EW-2003	1.3	1.7	1,811	5.7	37.9	22.6	On
EW-2004	0.6	5.2	756	6.8	33.6	22.6	On
EW-2005	0.5	0.6	615	7.9	30.8	22.6	On
EW-2006	1.4	4.0	1,849	5.6	26.4	22.6	On
EW-2007	2.1	5.1	2,799	7.5	21.4	22.6	On
EW-2008	0.7	4.0	1,045	3.2	22.0	22.6	On
EW-2009	1.2	4.3	1,588	3.3	22.2	22.6	On
EW-2010	0.3	0.6	281	6.5	21.2	15.4	On
EW-2011	0.3	0.5	345	8.4	19.7	20.7	On
EW-2012	0.0	0.5	153	11.4	14.2	8.4	Off
EW-2013	0.4	0.5	412	16.9	14.3	19.8	On
EW-2014	1.0	5.4	1,431	13.2	16.8	22.6	On
EW-2015	0.5	0.6	532	11.5	13.6	21.6	On
EW-2016	0.6	0.7	745	11.4	---	20.8	On
EW-2017	1.3	4.2	1,786	12.6	---	22.6	On
EW-2018	0.6	7.7	795	11.6	---	22.6	On
EW-2019	0.0	0.4	227	13.1	---	12.5	Off
EW-2020	0.0	0.5	361	11.0	---	17.2	Off
EW-2021	0.0	0.5	321	11.9	---	12.9	Off
EW-2022	0.4	0.5	430	12.2	---	18.7	On
EW-2023	0.4	0.5	491	11.4	---	22.1	On
EW-2024	0.0	0.4	263	10.3	---	14.4	Off
EW-2025	0.9	7.3	1,171	10.8	---	22.6	On
EW-2026	0.8	7.4	1,039	9.8	---	22.6	On
EW-2027	0.9	7.3	1,164	9.3	---	22.6	On
EW-2028	0.8	7.3	1,074	9.3	---	22.6	On
EW-2029	0.9	7.4	1,229	8.6	---	22.6	On
EW-2030	1.5	7.4	2,024	10.3	---	22.6	On
EW-2031	1.5	7.7	2,028	11.3	---	22.6	On
EW-2032	0.5	7.1	709	9.5	---	22.6	On
EW-2033	0.6	3.0	762	9.5	---	22.6	On
EW-2034	0.8	4.9	1,038	8.9	23.6	22.6	On
EW-2035	0.0	0.0	0	20.8	0.0	0.0	Off
EW-2036	0.9	2.2	1,250	13.3	28.7	22.6	On
EW-2037	1.1	6.5	1,463	4.0	31.7	22.6	On
EW-2101	18.6	20.0	20,032	15.7	54.7	22.6	On
EW-2102	19.1	19.2	20,179	16.2	62.5	22.5	On
EW-2103	5.2	9.3	6,870	17.2	32.5	22.6	On
EW-2104	40.0	45.3	42,221	13.2	51.0	22.6	On
EW-3001	0.0	0.5	9	2.2	14.2	0.4	Off
EW-3002	0.5	0.5	592	2.0	13.0	22.6	On
EW-3003	0.0	0.5	12	3.8	12.8	0.6	Off

Daily Log

September 8, 2015 6AM to September 9, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	17	1.8	---	0.7	Off
EW-3005	2.0	2.0	2,629	-2.5	---	22.6	On
EW-3006	0.0	0.6	15	0.4	---	0.6	Off
EW-3007	2.1	5.9	2,844	-3.6	---	22.6	On
EW-3008	0.6	7.4	797	-0.9	---	22.5	On
EW-3009	1.1	6.9	1,438	-1.9	---	22.6	On
EW-3010	1.5	5.9	2,025	-2.1	---	22.6	On
EW-3011	0.6	0.9	673	0.0	22.1	21.0	On
EW-3012	0.7	6.3	871	-5.2	25.1	22.6	On
EW-3013	1.1	6.0	1,476	-6.5	31.9	22.1	On
EW-3014	0.0	0.7	168	-4.0	38.1	10.3	Off
EW-3015	1.3	5.6	1,769	-6.3	44.3	22.6	On
EW-3016	0.8	3.6	1,123	-4.1	51.5	22.6	On
EW-3017	0.0	2.7	313	-6.1	52.7	14.8	Off
EW-3018	0.0	0.7	78	-4.2	52.4	3.6	Off
EW-3019	0.9	4.3	1,154	-1.7	53.3	19.9	On
EW-3020	4.1	5.8	5,532	-1.8	40.2	22.6	On
EW-3021	0.4	0.6	484	0.1	26.1	22.1	On
EW-3022	0.8	5.5	1,163	-2.4	33.5	22.6	On
EW-3023	1.7	5.8	2,334	1.1	23.4	22.1	On
EW-3024	0.5	0.6	585	1.5	---	22.6	On
EW-3025	2.2	2.8	2,980	-0.5	35.7	22.6	On
EW-3026	2.7	5.0	3,705	-2.9	36.5	22.6	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	3.1	3.4	4,144	-15.6	29.3	22.5	On
EW-4002	2.3	6.9	3,143	-47.1	14.6	22.5	On
EW-4003	2.0	5.0	2,630	-26.6	---	22.5	On
EW-4004	1.6	1.9	2,189	-13.6	15.2	22.5	On
EW-4005	2.0	2.2	2,666	-17.0	---	22.5	On
EW-4006	1.5	6.0	2,033	-51.0	30.6	22.5	On
EW-4007	1.0	1.4	1,396	-2.5	34.6	22.5	On
EW-4008	3.1	3.5	4,151	-13.1	33.3	22.5	On
EW-4009	0.9	1.2	1,083	-18.8	32.7	22.5	On
EW-4010	2.1	2.3	2,897	-2.3	42.4	22.5	On
EW-4011	2.2	2.5	2,962	-17.4	41.7	22.5	On
EW-5001	1.9	2.2	2,651	-20.4	---	22.5	On
EW-5002	0.0	0.0	0	3.4	1.0	0.0	Off
EW Totals	**159.5**		**194,195**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	194.5	173 GPM
FIT-500	51 GPM	182.6	273 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.3		

Recharge and Injection Daily Report

September 8, 2015 6AM to September 9, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	38 GPM	0.0
RC-7003	FIT-665	40 GPM	12.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 8, 2015 6AM to September 9, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	97 GPM	28.4
Permeate Flow	FIT-642	73 GPM	20.5
Concentrate Flow	FIT-643	23 GPM	7.4

Inlet Conductivity	CIT-630	967.6 µS
Outlet Conductivity	CIT-642	35.9 µS
Hours Run		4.2 hrs
Recharge Tank pH	AIT-660A	5.2
Recharge Tank Temp	TIT-660C	97.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 9, 2015 6AM to September 10, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.2	3,001	1.7	40.2	24.0	On
EW-2002	0.9	1.0	1,374	6.2	39.6	24.0	On
EW-2003	1.3	1.4	1,900	5.6	37.5	24.0	On
EW-2004	0.6	0.8	805	6.8	33.2	24.0	On
EW-2005	0.4	0.5	606	9.2	30.4	24.0	On
EW-2006	1.4	1.5	1,982	5.6	26.1	24.0	On
EW-2007	2.1	2.3	2,999	7.5	21.1	24.0	On
EW-2008	0.8	0.8	1,066	3.0	21.5	24.0	On
EW-2009	1.2	1.3	1,654	3.2	21.6	24.0	On
EW-2010	0.3	0.4	282	6.5	20.7	16.0	On
EW-2011	0.0	0.4	356	9.3	19.1	22.1	Off
EW-2012	0.0	0.4	154	11.6	14.1	8.7	Off
EW-2013	0.3	0.5	478	17.3	14.2	22.7	On
EW-2014	1.0	1.6	1,478	13.2	16.8	24.0	On
EW-2015	0.4	0.6	565	11.4	13.5	22.7	On
EW-2016	0.6	0.7	795	10.9	---	22.5	On
EW-2017	1.3	1.4	1,901	12.6	---	24.0	On
EW-2018	0.6	0.8	840	11.7	---	24.0	On
EW-2019	0.3	0.4	233	11.6	---	13.0	On
EW-2020	0.3	0.5	376	11.9	---	18.8	On
EW-2021	0.0	0.5	332	13.6	---	13.6	Off
EW-2022	0.4	0.5	453	11.5	---	20.8	On
EW-2023	0.4	0.5	529	11.5	---	23.9	On
EW-2024	0.3	0.4	271	10.5	---	15.2	On
EW-2025	0.9	1.2	1,243	10.8	---	24.0	On
EW-2026	0.8	1.1	1,098	9.9	---	24.0	On
EW-2027	0.9	1.1	1,225	9.3	---	24.0	On
EW-2028	0.8	1.0	1,132	9.3	---	24.0	On
EW-2029	0.9	1.1	1,294	8.6	---	24.0	On
EW-2030	1.5	1.8	2,146	10.3	---	24.0	On
EW-2031	1.5	1.8	2,145	11.1	---	24.0	On
EW-2032	0.5	0.8	749	9.5	---	24.0	On
EW-2033	0.6	1.0	805	9.6	---	24.0	On
EW-2034	0.8	1.5	1,083	8.9	23.2	24.0	On
EW-2035	0.0	0.0	0	20.8	0.0	0.0	Off
EW-2036	0.9	1.1	1,304	13.2	28.6	24.0	On
EW-2037	1.1	5.0	1,511	3.8	32.0	23.9	On
EW-2101	18.6	19.4	22,423	15.7	53.8	24.0	On
EW-2102	18.6	20.6	23,907	16.2	60.7	24.0	On
EW-2103	5.2	10.5	7,367	17.2	32.5	24.0	On
EW-2104	40.0	46.4	48,069	13.3	50.8	24.0	On
EW-3001	0.0	0.0	0	2.2	14.1	0.0	Off
EW-3002	0.5	0.5	616	1.9	12.9	24.0	On
EW-3003	0.0	0.0	0	3.8	12.8	0.0	Off

Daily Log

September 9, 2015 6AM to September 10, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	1.9	2.0	2,820	-2.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.1	2.2	2,943	-3.7	---	24.0	On
EW-3008	0.6	0.8	837	-0.9	---	24.0	On
EW-3009	1.0	1.4	1,487	-2.0	---	24.0	On
EW-3010	1.5	1.7	2,088	-2.1	---	24.0	On
EW-3011	0.6	0.8	689	0.1	21.8	22.7	On
EW-3012	0.6	2.4	893	-5.1	24.7	24.0	On
EW-3013	1.1	2.6	1,548	-6.1	31.5	24.0	On
EW-3014	0.0	0.8	167	-4.2	37.3	10.6	Off
EW-3015	1.3	5.4	1,840	-6.0	43.2	24.0	On
EW-3016	0.8	1.9	1,156	-3.8	50.3	24.0	On
EW-3017	0.4	0.8	340	-4.8	51.6	16.6	On
EW-3018	0.0	0.6	67	-4.9	51.4	3.3	Off
EW-3019	1.0	2.7	1,348	-1.4	52.3	24.0	On
EW-3020	4.0	4.1	5,765	-1.5	39.7	24.0	On
EW-3021	0.4	0.7	517	-0.1	25.9	23.8	On
EW-3022	0.8	1.4	1,188	-2.5	33.1	24.0	On
EW-3023	1.7	2.5	2,452	1.1	23.0	24.0	On
EW-3024	0.5	0.5	647	1.3	---	24.0	On
EW-3025	2.1	2.3	3,062	-0.3	35.3	24.0	On
EW-3026	2.7	2.9	3,867	-2.9	36.1	24.0	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	3.1	3.4	4,408	-16.3	29.3	24.0	On
EW-4002	2.3	2.6	3,293	-47.2	14.5	24.0	On
EW-4003	2.0	2.1	2,817	-27.3	---	24.0	On
EW-4004	1.5	1.8	2,257	-13.5	15.0	24.0	On
EW-4005	1.9	2.2	2,817	-17.4	---	24.0	On
EW-4006	1.5	2.0	2,114	-51.1	30.3	24.0	On
EW-4007	1.0	1.2	1,476	-2.8	34.3	24.0	On
EW-4008	3.0	3.6	4,386	-12.9	33.2	24.0	On
EW-4009	0.8	1.2	1,188	-19.8	32.3	24.0	On
EW-4010	2.1	2.2	3,075	-3.3	43.9	24.0	On
EW-4011	2.4	2.4	3,300	-21.6	43.3	24.0	On
EW-5001	2.0	2.2	2,814	-20.9	---	24.0	On
EW-5002	0.0	0.0	0	3.4	1.0	0.0	Off
EW Totals	**159.3**		**212,210**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	212.5	169 GPM
FIT-500	194 GPM	191.4	270 GPM
Effluent Temp	99.0 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

September 9, 2015 6AM to September 10, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	40 GPM	23.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 9, 2015 6AM to September 10, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	38.1
Permeate Flow	FIT-642	0 GPM	27.6
Concentrate Flow	FIT-643	0 GPM	9.9

Inlet Conductivity	CIT-630	964.4 µS
Outlet Conductivity	CIT-642	104.2 µS
Hours Run		6.0 hrs
Recharge Tank pH	AIT-660A	5.1
Recharge Tank Temp	TIT-660C	98.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 10, 2015 6AM to September 11, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,961	1.7	40.5	24.0	On
EW-2002	0.9	1.0	1,354	6.2	39.9	24.0	On
EW-2003	1.3	1.4	1,903	5.7	37.9	24.0	On
EW-2004	0.6	0.7	807	6.9	33.6	24.0	On
EW-2005	0.4	0.5	578	9.5	30.8	24.0	On
EW-2006	1.4	1.5	1,984	5.6	26.5	24.0	On
EW-2007	2.1	2.2	2,980	7.6	21.5	24.0	On
EW-2008	0.7	0.8	1,052	3.2	21.9	24.0	On
EW-2009	1.1	1.2	1,639	3.2	22.0	24.0	On
EW-2010	0.3	0.4	279	5.7	21.2	15.8	On
EW-2011	0.2	0.4	357	9.6	19.6	21.9	On
EW-2012	0.0	0.5	154	12.9	14.9	8.6	Off
EW-2013	0.4	0.5	478	17.0	15.0	23.3	On
EW-2014	1.0	1.3	1,485	13.1	18.7	24.0	On
EW-2015	0.4	0.6	567	11.5	14.9	22.9	On
EW-2016	0.5	0.9	797	12.1	---	22.4	On
EW-2017	1.3	1.4	1,886	12.6	---	24.0	On
EW-2018	0.5	0.9	840	11.7	---	24.0	On
EW-2019	0.3	0.5	231	11.4	---	12.9	On
EW-2020	0.3	0.6	380	11.4	---	18.7	On
EW-2021	0.0	0.6	337	11.4	---	13.7	Off
EW-2022	0.3	0.7	454	11.6	---	20.3	On
EW-2023	0.4	0.6	524	11.5	---	23.9	On
EW-2024	0.0	0.4	273	10.2	---	15.2	Off
EW-2025	0.8	1.1	1,238	10.9	---	24.0	On
EW-2026	0.7	1.0	1,093	9.9	---	24.0	On
EW-2027	0.8	1.1	1,217	9.3	---	24.0	On
EW-2028	0.7	1.0	1,124	9.3	---	24.0	On
EW-2029	0.9	1.1	1,289	8.6	---	24.0	On
EW-2030	1.5	1.6	2,130	10.3	---	24.0	On
EW-2031	1.5	1.6	2,118	11.1	---	24.0	On
EW-2032	0.5	0.8	745	9.5	---	24.0	On
EW-2033	0.5	0.8	804	9.5	---	24.0	On
EW-2034	0.7	1.3	1,073	8.9	23.3	24.0	On
EW-2035	0.0	0.0	0	20.8	-0.1	0.0	Off
EW-2036	0.9	1.0	1,287	13.3	31.1	24.0	On
EW-2037	1.0	5.6	1,479	3.9	34.7	23.4	On
EW-2101	18.4	19.1	24,936	15.8	53.4	24.0	On
EW-2102	18.8	20.5	25,141	16.3	60.9	24.0	On
EW-2103	5.2	8.7	7,301	17.3	37.0	24.0	On
EW-2104	46.0	46.5	54,813	13.1	62.0	24.0	On
EW-3001	0.0	0.0	0	2.3	15.0	0.0	Off
EW-3002	0.4	0.6	630	2.1	13.9	24.0	On
EW-3003	0.0	0.0	0	3.8	13.9	0.0	Off

Daily Log

September 10, 2015 6AM to September 11, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	1.9	1.9	2,762	-2.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.1	2,920	-3.5	---	24.0	On
EW-3008	0.6	0.9	826	-0.9	---	24.0	On
EW-3009	1.0	1.2	1,477	-1.9	---	24.0	On
EW-3010	1.4	1.5	2,060	-2.1	---	24.0	On
EW-3011	0.4	0.9	701	0.9	22.1	23.3	On
EW-3012	0.6	1.5	891	-5.1	25.0	24.0	On
EW-3013	1.1	1.9	1,544	-6.4	31.4	24.0	On
EW-3014	0.0	0.5	170	-4.5	37.3	10.9	Off
EW-3015	1.3	2.2	1,852	-6.3	43.1	24.0	On
EW-3016	0.8	2.0	1,153	-4.1	50.1	24.0	On
EW-3017	0.0	0.5	345	-4.9	51.3	16.8	Off
EW-3018	0.0	0.6	64	-4.4	50.9	3.2	Off
EW-3019	0.9	2.3	1,351	-1.6	51.8	24.0	On
EW-3020	4.0	4.0	5,705	-1.6	40.1	24.0	On
EW-3021	0.4	0.6	500	0.1	27.8	23.6	On
EW-3022	0.8	1.1	1,179	-2.4	34.4	24.0	On
EW-3023	1.8	2.3	2,445	1.0	23.4	24.0	On
EW-3024	0.4	0.7	625	1.4	---	24.0	On
EW-3025	2.1	2.2	3,041	-0.1	36.5	24.0	On
EW-3026	2.6	2.8	3,845	-2.6	37.2	24.0	On
EW-3027	0.0	0.0	0	1.5	---	0.0	Off
EW-4001	2.9	3.3	4,402	-14.9	31.6	24.0	On
EW-4002	2.3	2.5	3,277	-47.2	15.3	24.0	On
EW-4003	2.0	2.3	2,946	-29.2	---	24.0	On
EW-4004	1.6	1.9	2,337	-14.4	15.8	24.0	On
EW-4005	2.1	2.2	2,952	-19.8	---	24.0	On
EW-4006	1.5	1.7	2,090	-51.0	31.8	24.0	On
EW-4007	0.9	1.2	1,481	-2.2	35.5	24.0	On
EW-4008	2.9	3.5	4,298	-12.4	37.7	24.0	On
EW-4009	0.9	1.1	1,180	-19.8	32.3	24.0	On
EW-4010	2.1	2.2	3,094	-3.0	45.3	24.0	On
EW-4011	2.2	2.5	3,323	-19.0	44.7	24.0	On
EW-5001	2.0	2.3	2,952	-22.4	---	24.0	On
EW-5002	0.0	0.0	0	3.3	0.9	0.0	Off
EW Totals	**163.3**		**222,509**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	222.8	169 GPM
FIT-500	196 GPM	197.0	269 GPM
Effluent Temp	99.2 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

September 10, 2015 6AM to September 11, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	26.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 10, 2015 6AM to September 11, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	39.8
Permeate Flow	FIT-642	0 GPM	28.7
Concentrate Flow	FIT-643	0 GPM	10.2

Inlet Conductivity	CIT-630	975.4 µS
Outlet Conductivity	CIT-642	76.7 µS
Hours Run		6.2 hrs
Recharge Tank pH	AIT-660A	5.2
Recharge Tank Temp	TIT-660C	99.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 11, 2015 6AM to September 12, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.7	2,920	1.6	40.5	23.7	On
EW-2002	0.9	2.5	1,348	6.2	39.9	23.7	On
EW-2003	1.3	1.7	1,889	5.6	37.8	23.7	On
EW-2004	0.6	5.0	800	6.8	33.6	23.7	On
EW-2005	0.4	0.6	555	9.4	30.7	23.7	On
EW-2006	1.4	4.0	1,971	5.5	26.3	23.7	On
EW-2007	2.1	5.3	2,970	7.6	21.3	23.7	On
EW-2008	0.7	3.9	1,013	3.2	21.9	23.6	On
EW-2009	1.1	4.3	1,597	3.3	22.0	23.6	On
EW-2010	0.3	0.6	274	5.6	21.1	15.4	On
EW-2011	0.3	0.6	356	8.6	19.6	21.8	On
EW-2012	0.3	0.5	155	13.2	14.8	8.7	On
EW-2013	0.3	0.6	458	17.6	14.9	23.5	On
EW-2014	1.1	5.4	1,484	13.3	18.2	23.7	On
EW-2015	0.5	0.6	558	12.5	14.3	22.4	On
EW-2016	0.7	0.8	791	10.9	---	22.3	On
EW-2017	1.3	4.2	1,875	12.7	---	23.7	On
EW-2018	0.6	7.4	839	11.6	---	23.7	On
EW-2019	0.3	0.4	227	13.2	---	12.7	On
EW-2020	0.4	0.5	378	11.4	---	18.6	On
EW-2021	0.4	0.5	332	12.7	---	13.5	On
EW-2022	0.5	0.6	449	12.6	---	20.5	On
EW-2023	0.4	0.5	517	11.5	---	23.6	On
EW-2024	0.3	0.4	272	10.8	---	15.2	On
EW-2025	1.0	7.3	1,234	10.8	---	23.6	On
EW-2026	0.8	7.4	1,089	9.8	---	23.7	On
EW-2027	0.9	7.3	1,211	9.3	---	23.7	On
EW-2028	0.8	7.3	1,120	9.3	---	23.7	On
EW-2029	0.9	7.4	1,283	8.6	---	23.7	On
EW-2030	1.6	7.4	2,113	10.3	---	23.7	On
EW-2031	1.6	7.7	2,088	11.2	---	23.7	On
EW-2032	0.5	6.9	745	9.5	---	23.7	On
EW-2033	0.7	3.0	801	9.5	---	23.7	On
EW-2034	0.7	4.8	1,059	9.0	23.3	23.7	On
EW-2035	0.0	0.0	0	20.8	-0.2	0.0	Off
EW-2036	0.9	2.4	1,238	13.4	31.1	23.7	On
EW-2037	1.0	6.5	1,448	4.1	35.1	23.6	On
EW-2101	18.0	18.9	23,172	15.9	54.0	23.7	On
EW-2102	18.3	19.5	23,495	16.4	61.4	23.7	On
EW-2103	5.1	11.1	7,245	17.3	37.2	23.7	On
EW-2104	46.0	46.4	53,474	13.0	62.1	23.7	On
EW-3001	0.0	0.0	0	2.3	14.8	0.0	Off
EW-3002	0.4	0.5	587	2.2	13.5	23.6	On
EW-3003	0.0	0.3	1	3.8	13.4	0.0	Off

Daily Log

September 11, 2015 6AM to September 12, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	5	1.9	---	0.2	Off
EW-3005	1.9	1.9	2,693	-2.3	---	23.6	On
EW-3006	0.0	0.5	4	0.4	---	0.2	Off
EW-3007	2.0	5.7	2,926	-3.5	---	23.6	On
EW-3008	0.6	7.3	829	-0.9	---	23.6	On
EW-3009	1.1	6.8	1,481	-1.9	---	23.6	On
EW-3010	1.4	5.9	2,047	-2.0	---	23.6	On
EW-3011	0.5	0.8	712	0.3	22.0	22.8	On
EW-3012	0.6	6.0	891	-4.9	25.0	23.6	On
EW-3013	1.1	5.7	1,535	-6.3	31.7	23.6	On
EW-3014	0.3	0.5	172	-4.2	37.8	10.9	On
EW-3015	1.3	5.2	1,834	-6.3	43.9	23.6	On
EW-3016	0.8	3.3	1,150	-4.0	50.8	23.6	On
EW-3017	0.0	1.0	343	-3.7	51.9	16.5	Off
EW-3018	0.0	0.7	65	-4.2	51.7	3.1	Off
EW-3019	0.9	4.0	1,351	-1.5	52.6	23.6	On
EW-3020	4.0	5.6	5,681	-1.6	40.0	23.6	On
EW-3021	0.4	0.7	507	0.1	27.7	23.4	On
EW-3022	0.8	5.5	1,180	-2.4	34.8	23.6	On
EW-3023	1.7	5.6	2,449	1.2	23.4	23.6	On
EW-3024	0.5	0.5	630	1.7	---	23.6	On
EW-3025	2.1	2.8	2,987	-0.3	37.0	23.6	On
EW-3026	2.7	5.1	3,826	-2.8	37.9	23.6	On
EW-3027	0.0	0.2	0	1.5	---	0.0	Off
EW-4001	2.9	3.4	4,148	-14.4	31.6	23.6	On
EW-4002	2.3	6.6	3,264	-46.9	15.2	23.6	On
EW-4003	2.0	9.6	2,794	-26.6	---	23.6	On
EW-4004	1.6	1.8	2,208	-13.5	15.2	23.6	On
EW-4005	1.9	2.2	2,775	-16.5	---	23.6	On
EW-4006	1.5	5.7	2,093	-51.0	32.1	23.6	On
EW-4007	0.9	1.2	1,359	-2.0	36.0	23.6	On
EW-4008	2.9	3.6	4,166	-12.5	37.8	23.6	On
EW-4009	0.8	1.1	1,147	-19.2	32.6	23.6	On
EW-4010	2.1	2.3	3,057	-3.2	46.6	23.6	On
EW-4011	2.3	2.5	3,202	-21.1	46.1	23.6	On
EW-5001	1.9	2.2	2,781	-20.5	---	23.6	On
EW-5002	0.0	0.0	0	3.3	0.9	0.0	Off
EW Totals	**165.2**		**215,724**				

	Value	Total (KGal)	Peak Flow
FIT-100	166 GPM	215.8	169 GPM
FIT-500	50 GPM	190.8	273 GPM
Effluent Temp	97.5 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

September 11, 2015 6AM to September 11, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	27.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 11, 2015 6AM to September 12, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	99 GPM	42.2
Permeate Flow	FIT-642	72 GPM	30.4
Concentrate Flow	FIT-643	25 GPM	11.0

Inlet Conductivity	CIT-630	974.3 µS
Outlet Conductivity	CIT-642	35.6 µS
Hours Run		6.7 hrs
Recharge Tank pH	AIT-660A	5.1
Recharge Tank Temp	TIT-660C	97.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 12, 2015 6AM to September 13, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.4	2,806	1.5	42.5	22.7	On
EW-2002	1.0	2.5	1,313	5.9	41.9	22.7	On
EW-2003	1.4	1.5	1,803	5.4	39.6	22.7	On
EW-2004	0.5	5.0	775	6.7	35.0	22.7	On
EW-2005	0.5	0.7	569	7.9	32.0	22.7	On
EW-2006	1.4	3.9	1,881	5.4	27.4	22.7	On
EW-2007	2.1	5.2	2,861	7.5	22.1	22.7	On
EW-2008	0.8	3.8	1,068	3.0	22.4	22.6	On
EW-2009	1.2	4.3	1,596	3.4	22.5	22.6	On
EW-2010	0.0	0.6	295	5.7	21.5	16.4	Off
EW-2011	0.2	0.6	352	9.4	20.0	21.4	On
EW-2012	0.3	0.5	164	12.6	15.6	9.1	On
EW-2013	0.3	0.6	442	17.3	15.7	22.0	On
EW-2014	1.0	5.5	1,441	13.2	19.0	22.6	On
EW-2015	0.3	0.5	544	11.9	15.1	21.7	On
EW-2016	0.5	0.7	758	12.2	---	21.4	On
EW-2017	1.3	4.3	1,809	12.6	---	22.7	On
EW-2018	0.6	7.7	819	12.0	---	22.7	On
EW-2019	0.0	0.4	224	13.2	---	12.4	Off
EW-2020	0.3	0.5	365	11.6	---	18.0	On
EW-2021	0.0	0.5	327	11.7	---	13.4	Off
EW-2022	0.3	0.5	437	11.6	---	20.0	On
EW-2023	0.3	0.4	511	11.8	---	22.7	On
EW-2024	0.0	0.4	271	9.6	---	15.3	Off
EW-2025	0.7	7.4	1,198	11.1	---	22.6	On
EW-2026	0.6	7.6	1,055	10.2	---	22.7	On
EW-2027	0.7	7.5	1,177	9.7	---	22.7	On
EW-2028	0.8	7.5	1,089	9.7	---	22.7	On
EW-2029	0.7	7.6	1,245	9.0	---	22.7	On
EW-2030	1.4	7.5	2,041	10.4	---	22.7	On
EW-2031	1.4	7.8	2,036	11.3	---	22.7	On
EW-2032	0.5	7.3	726	9.9	---	22.7	On
EW-2033	0.4	3.2	780	9.8	---	22.7	On
EW-2034	0.7	4.9	1,038	8.9	23.9	22.7	On
EW-2035	0.0	0.0	0	20.9	-0.2	0.0	Off
EW-2036	0.9	2.2	1,220	13.0	31.8	22.6	On
EW-2037	1.0	6.3	1,460	4.0	35.2	22.6	On
EW-2101	17.6	18.8	24,265	16.1	55.0	22.7	On
EW-2102	18.2	19.3	24,736	16.6	62.4	22.7	On
EW-2103	4.9	5.8	6,933	17.4	37.6	22.6	On
EW-2104	45.9	47.3	62,328	13.2	62.4	22.6	On
EW-3001	0.0	0.5	9	2.8	15.5	0.5	Off
EW-3002	0.3	0.5	570	2.7	14.3	22.6	On
EW-3003	0.0	0.5	11	4.2	14.2	0.6	Off

Daily Log

September 12, 2015 6AM to September 13, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	13	2.2	---	0.6	Off
EW-3005	1.9	2.0	2,591	-2.1	---	22.6	On
EW-3006	0.0	0.5	14	0.4	---	0.7	Off
EW-3007	2.1	6.0	2,800	-3.5	---	20.8	On
EW-3008	0.6	7.3	822	-0.5	---	22.6	On
EW-3009	1.0	6.9	1,470	-1.8	---	22.6	On
EW-3010	1.5	6.0	2,019	-2.0	---	22.6	On
EW-3011	0.5	0.8	699	0.4	22.5	22.4	On
EW-3012	0.5	5.8	874	-4.9	25.4	22.6	On
EW-3013	1.0	5.3	1,493	-6.2	32.0	22.6	On
EW-3014	0.0	0.5	176	-4.2	38.4	11.0	Off
EW-3015	1.3	4.3	1,778	-6.0	44.7	22.6	On
EW-3016	0.8	2.6	1,116	-3.8	51.9	22.6	On
EW-3017	0.3	0.6	338	-3.5	53.0	16.3	On
EW-3018	0.0	0.7	65	-4.3	52.8	3.0	Off
EW-3019	0.9	3.4	1,305	-1.3	53.8	22.6	On
EW-3020	4.0	5.2	5,449	-1.8	41.9	22.6	On
EW-3021	0.3	0.5	500	0.6	29.1	22.5	On
EW-3022	0.9	5.3	1,167	-2.5	37.1	22.6	On
EW-3023	1.8	5.5	2,393	1.1	23.8	22.6	On
EW-3024	0.3	0.5	605	2.2	---	22.6	On
EW-3025	2.2	2.4	2,899	-0.5	39.6	22.6	On
EW-3026	2.9	4.5	3,747	-2.9	40.5	22.6	On
EW-3027	0.0	2.9	1	1.7	---	0.0	Off
EW-4001	2.9	3.1	3,934	-13.0	32.3	22.6	On
EW-4002	2.3	6.7	3,181	-46.9	16.0	22.6	On
EW-4003	1.8	8.8	2,605	-24.6	---	22.6	On
EW-4004	1.4	1.8	2,075	-12.4	15.8	22.6	On
EW-4005	1.8	1.9	2,573	-14.7	---	22.6	On
EW-4006	1.5	5.3	2,048	-51.1	34.0	22.6	On
EW-4007	1.1	1.2	1,358	-1.9	38.2	22.6	On
EW-4008	2.9	3.0	3,939	-11.7	38.3	22.6	On
EW-4009	0.7	0.9	1,085	-15.2	32.8	22.6	On
EW-4010	2.1	2.2	2,904	-1.8	45.5	22.6	On
EW-4011	2.0	2.4	3,051	-14.5	44.8	22.6	On
EW-5001	1.8	2.0	2,590	-18.8	---	22.6	On
EW-5002	0.0	0.0	0	3.6	1.0	0.0	Off
EW Totals	**160.3**		**223,025**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	222.7	212 GPM
FIT-500	201 GPM	201.3	270 GPM
Effluent Temp	98.0 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

September 12, 2015 6AM to September 13, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	40 GPM	18.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 12, 2015 6AM to September 13, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	26.4
Permeate Flow	FIT-642	0 GPM	19.0
Concentrate Flow	FIT-643	0 GPM	6.9

Inlet Conductivity	CIT-630	997.7 µS
Outlet Conductivity	CIT-642	142.7 µS
Hours Run		5.1 hrs
Recharge Tank pH	AIT-660A	5.3
Recharge Tank Temp	TIT-660C	97.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 13, 2015 6AM to September 14, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.6	3,035	1.5	41.4	24.0	On
EW-2002	1.0	1.5	1,403	6.2	40.8	24.0	On
EW-2003	1.3	1.7	1,924	5.5	38.7	24.0	On
EW-2004	0.6	4.4	809	6.8	34.2	23.8	On
EW-2005	0.5	0.8	675	8.1	31.3	24.0	On
EW-2006	1.4	1.9	1,991	5.5	26.7	24.0	On
EW-2007	2.1	5.0	2,996	7.7	21.4	23.8	On
EW-2008	0.8	3.5	1,139	3.0	21.9	23.8	On
EW-2009	1.2	4.4	1,710	3.3	22.0	23.8	On
EW-2010	0.0	0.7	320	6.5	21.0	17.8	Off
EW-2011	0.3	0.7	373	8.4	19.5	22.9	On
EW-2012	0.0	0.4	159	13.3	14.6	8.9	Off
EW-2013	0.4	0.5	482	17.0	14.8	22.5	On
EW-2014	1.1	1.1	1,516	13.1	18.3	24.0	On
EW-2015	0.5	0.5	573	11.7	14.3	23.0	On
EW-2016	0.0	0.7	813	10.6	---	22.3	Off
EW-2017	1.4	1.4	1,918	12.7	---	24.0	On
EW-2018	0.6	0.9	862	11.6	---	24.0	On
EW-2019	0.0	0.3	229	13.2	---	12.8	Off
EW-2020	0.0	0.5	382	11.3	---	18.4	Off
EW-2021	0.0	0.5	337	12.2	---	13.7	Off
EW-2022	0.4	0.5	457	12.0	---	19.9	On
EW-2023	0.4	0.4	539	11.6	---	24.0	On
EW-2024	0.0	0.4	276	9.9	---	15.3	Off
EW-2025	0.9	1.1	1,265	10.8	---	24.0	On
EW-2026	0.8	1.0	1,106	9.8	---	24.0	On
EW-2027	0.9	1.1	1,234	9.3	---	24.0	On
EW-2028	0.8	1.0	1,139	9.3	---	24.0	On
EW-2029	0.9	1.1	1,303	8.6	---	24.0	On
EW-2030	1.5	1.7	2,164	10.3	---	24.0	On
EW-2031	1.6	1.7	2,193	11.1	---	24.0	On
EW-2032	0.5	0.8	755	9.5	---	24.0	On
EW-2033	0.6	0.8	811	9.5	---	24.0	On
EW-2034	0.8	1.0	1,092	9.0	23.6	24.0	On
EW-2035	0.0	0.0	0	20.9	-0.2	0.0	Off
EW-2036	0.9	0.9	1,331	13.3	31.2	24.0	On
EW-2037	1.1	1.1	1,547	3.9	34.8	24.0	On
EW-2101	17.5	18.1	25,364	16.1	55.3	24.0	On
EW-2102	17.7	18.6	25,734	16.6	62.4	24.0	On
EW-2103	5.2	5.2	7,313	17.4	37.2	24.0	On
EW-2104	45.9	46.2	66,097	12.8	62.0	24.0	On
EW-3001	0.0	0.0	0	2.4	14.7	0.0	Off
EW-3002	0.5	0.5	623	2.0	13.4	24.0	On
EW-3003	0.0	0.0	0	3.8	13.3	0.0	Off

Daily Log

September 13, 2015 6AM to September 14, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	2.0	2.0	2,830	-2.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.1	2.2	2,956	-3.6	---	24.0	On
EW-3008	0.6	0.9	859	-0.9	---	24.0	On
EW-3009	1.1	1.3	1,516	-2.0	---	24.0	On
EW-3010	1.5	1.7	2,132	-2.1	---	24.0	On
EW-3011	0.5	0.8	731	0.3	22.2	23.9	On
EW-3012	0.6	1.3	898	-5.2	25.2	24.0	On
EW-3013	1.1	5.5	1,545	-6.2	32.1	23.8	On
EW-3014	0.0	0.5	177	-4.5	38.4	11.3	Off
EW-3015	1.3	1.7	1,850	-6.1	44.7	24.0	On
EW-3016	0.8	1.1	1,162	-3.9	52.1	24.0	On
EW-3017	0.4	0.5	351	-6.2	53.4	17.1	On
EW-3018	0.0	0.6	66	-4.6	53.1	3.1	Off
EW-3019	1.0	1.3	1,358	-1.4	54.1	24.0	On
EW-3020	4.0	5.6	5,727	-1.6	41.0	23.8	On
EW-3021	0.4	0.4	507	0.2	28.1	23.9	On
EW-3022	0.8	0.9	1,190	-2.4	35.5	24.0	On
EW-3023	1.7	5.5	2,474	1.1	23.5	23.8	On
EW-3024	0.5	0.5	635	1.6	---	24.0	On
EW-3025	2.1	2.3	3,095	-0.4	37.8	24.0	On
EW-3026	2.7	2.9	3,917	-2.8	38.6	24.0	On
EW-3027	0.0	0.0	0	1.5	---	0.0	Off
EW-4001	2.9	3.0	4,168	-14.4	31.7	24.0	On
EW-4002	2.3	2.5	3,324	-47.0	15.0	24.0	On
EW-4003	2.0	2.0	2,783	-26.7	---	24.0	On
EW-4004	1.7	1.8	2,366	-15.2	15.1	24.0	On
EW-4005	2.0	2.0	2,803	-17.1	---	24.0	On
EW-4006	1.5	1.6	2,164	-51.1	32.6	24.0	On
EW-4007	1.0	1.1	1,470	-2.0	36.6	24.0	On
EW-4008	2.9	3.0	4,188	-12.3	37.9	24.0	On
EW-4009	0.8	0.9	1,146	-18.5	32.9	24.0	On
EW-4010	2.1	2.2	3,088	-2.2	45.4	24.0	On
EW-4011	2.0	2.1	2,946	-16.2	44.7	24.0	On
EW-5001	2.0	2.1	2,823	-21.0	---	24.0	On
EW-5002	0.0	0.0	0	3.5	0.9	0.0	Off
EW Totals	**162.5**		**235,237**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	234.8	181 GPM
FIT-500	210 GPM	221.2	270 GPM
Effluent Temp	96.6 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

September 13, 2015 6AM to September 14, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	19.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 13, 2015 6AM to September 14, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	33 GPM	32.5
Permeate Flow	FIT-642	15 GPM	23.5
Concentrate Flow	FIT-643	17 GPM	8.5

Inlet Conductivity	CIT-630	988.4 µS
Outlet Conductivity	CIT-642	38.8 µS
Hours Run		5.2 hrs
Recharge Tank pH	AIT-660A	5.0
Recharge Tank Temp	TIT-660C	96.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 14, 2015 6AM to September 15, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	3,013	1.6	41.5	24.0	On
EW-2002	1.0	1.0	1,373	6.2	40.9	24.0	On
EW-2003	1.3	1.4	1,929	5.7	38.8	24.0	On
EW-2004	0.6	0.8	809	6.7	34.3	24.0	On
EW-2005	0.5	0.5	667	8.3	31.4	24.0	On
EW-2006	1.4	1.5	1,984	5.6	26.7	24.0	On
EW-2007	2.2	5.3	2,795	7.5	21.2	21.9	On
EW-2008	0.8	4.3	1,066	3.1	21.7	22.5	On
EW-2009	1.2	1.8	1,694	3.4	21.8	24.0	On
EW-2010	0.0	0.4	291	6.0	20.8	16.5	Off
EW-2011	0.3	0.6	370	8.4	19.3	22.3	On
EW-2012	0.0	0.4	161	12.5	14.5	9.1	Off
EW-2013	0.4	0.4	496	16.9	14.6	24.0	On
EW-2014	1.1	1.1	1,520	13.1	18.1	24.0	On
EW-2015	0.4	0.5	578	11.9	14.2	22.8	On
EW-2016	0.0	0.7	810	11.6	---	22.5	Off
EW-2017	1.4	1.4	1,939	12.6	---	24.0	On
EW-2018	0.6	0.9	871	11.6	---	24.0	On
EW-2019	0.0	0.3	232	12.4	---	13.0	Off
EW-2020	0.3	0.4	386	10.5	---	18.9	On
EW-2021	0.0	0.5	338	14.0	---	13.8	On
EW-2022	0.4	0.5	461	11.6	---	20.8	On
EW-2023	0.4	0.4	539	11.3	---	23.9	On
EW-2024	0.3	0.4	277	10.2	---	15.7	On
EW-2025	0.9	7.3	1,223	10.8	---	22.5	On
EW-2026	0.8	1.0	1,114	9.8	---	24.0	On
EW-2027	0.9	1.1	1,238	9.3	---	24.0	On
EW-2028	0.8	1.1	1,146	9.3	---	24.0	On
EW-2029	0.9	7.4	1,188	8.6	---	21.5	On
EW-2030	1.5	1.7	2,181	10.2	---	24.0	On
EW-2031	1.5	1.6	2,188	11.1	---	24.0	On
EW-2032	0.5	0.9	763	9.5	---	24.0	On
EW-2033	0.6	0.8	816	9.5	---	24.0	On
EW-2034	0.8	0.8	1,089	9.0	23.4	24.0	On
EW-2035	0.0	0.0	0	20.9	-0.1	0.0	Off
EW-2036	0.9	1.0	1,316	13.2	30.9	24.0	On
EW-2037	1.1	1.5	1,528	3.9	34.4	24.0	On
EW-2101	17.3	17.6	25,078	16.1	55.6	24.0	On
EW-2102	17.7	18.0	25,422	16.6	62.6	24.0	On
EW-2103	5.2	5.4	7,345	17.4	37.0	24.0	On
EW-2104	45.9	46.3	66,152	12.8	61.7	24.0	On
EW-3001	0.0	0.0	0	2.5	14.6	0.0	Off
EW-3002	0.4	0.5	527	2.3	13.3	19.9	On
EW-3003	0.0	0.0	0	3.8	13.2	0.0	Off

Daily Log

September 14, 2015 6AM to September 15, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	1.9	2.0	2,794	-2.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.1	2.2	2,897	-3.7	---	24.0	On
EW-3008	0.6	0.9	819	-0.9	---	24.0	On
EW-3009	1.0	5.6	1,324	-2.0	---	21.9	On
EW-3010	1.5	1.6	2,075	-2.2	---	24.0	On
EW-3011	0.5	0.6	745	0.2	22.1	24.0	On
EW-3012	0.6	0.8	894	-5.2	25.1	24.0	On
EW-3013	1.1	1.2	1,544	-6.5	31.9	24.0	On
EW-3014	0.0	0.4	174	-4.1	38.4	11.3	Off
EW-3015	1.3	1.4	1,844	-6.2	44.9	24.0	On
EW-3016	0.8	0.9	1,159	-3.9	52.5	24.0	On
EW-3017	0.3	0.5	349	-6.0	53.6	17.1	On
EW-3018	0.0	0.6	64	-4.2	53.4	3.0	Off
EW-3019	1.0	1.0	1,356	-1.6	54.4	24.0	On
EW-3020	4.0	4.1	5,769	-1.6	41.0	24.0	On
EW-3021	0.4	0.5	504	0.1	27.7	23.8	On
EW-3022	0.8	1.0	1,148	-2.5	34.8	24.0	On
EW-3023	1.7	1.8	2,445	1.2	23.5	24.0	On
EW-3024	0.5	0.5	648	1.6	---	24.0	On
EW-3025	2.1	2.2	3,038	-0.3	37.0	24.0	On
EW-3026	2.7	2.7	3,865	-2.6	37.8	24.0	On
EW-3027	0.4	0.7	523	1.0	---	20.4	On
EW-4001	2.9	3.0	3,248	-12.8	31.6	18.8	On
EW-4002	2.3	2.5	3,304	-47.2	14.8	24.0	On
EW-4003	2.0	2.0	2,798	-27.0	---	24.0	On
EW-4004	1.7	1.8	2,432	-15.2	15.0	24.0	On
EW-4005	2.0	2.0	2,821	-17.3	---	24.0	On
EW-4006	1.5	1.6	2,151	-51.1	32.0	24.0	On
EW-4007	1.0	1.1	1,474	-1.8	35.9	24.0	On
EW-4008	2.9	3.1	4,253	-12.4	37.6	24.0	On
EW-4009	0.9	0.9	1,177	-19.4	32.8	24.0	On
EW-4010	2.1	2.2	3,052	-2.0	44.9	24.0	On
EW-4011	2.1	2.1	2,713	-15.7	44.2	21.9	On
EW-5001	0.0	2.0	2,009	2.7	---	16.9	Off
EW-5002	0.0	0.0	0	4.0	1.0	0.0	Off
EW Totals	**160.7**		**232,327**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	232.0	167 GPM
FIT-500	0 GPM	212.9	271 GPM
Effluent Temp	97.5 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

September 14, 2015 6AM to September 15, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	23.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 14, 2015 6AM to September 15, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	97 GPM	34.8
Permeate Flow	FIT-642	72 GPM	25.1
Concentrate Flow	FIT-643	24 GPM	9.0

Inlet Conductivity	CIT-630	995.7 µS
Outlet Conductivity	CIT-642	37.1 µS
Hours Run		5.8 hrs
Recharge Tank pH	AIT-660A	5.1
Recharge Tank Temp	TIT-660C	97.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 15, 2015 6AM to September 16, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	3,001	1.4	41.7	24.0	On
EW-2002	0.9	1.0	1,378	6.3	41.1	24.0	On
EW-2003	1.3	1.4	1,885	5.8	39.0	24.0	On
EW-2004	0.6	0.8	811	6.8	34.5	24.0	On
EW-2005	0.5	0.5	679	8.1	31.6	24.0	On
EW-2006	1.4	1.5	1,986	5.7	26.9	24.0	On
EW-2007	2.2	2.4	3,101	7.5	21.3	24.0	On
EW-2008	0.8	4.2	1,045	3.2	21.8	21.9	On
EW-2009	1.2	4.4	1,531	3.4	21.9	21.9	On
EW-2010	0.0	0.6	270	5.3	20.9	15.1	Off
EW-2011	0.4	1.3	338	8.6	19.4	20.4	On
EW-2012	0.0	0.4	162	11.7	14.6	9.2	Off
EW-2013	0.4	0.5	470	17.1	14.7	22.0	On
EW-2014	1.1	1.1	1,536	13.2	18.2	24.0	On
EW-2015	0.5	0.5	582	11.4	14.3	22.8	On
EW-2016	0.6	0.7	810	11.2	---	22.5	On
EW-2017	1.3	1.4	1,929	12.7	---	24.0	On
EW-2018	0.6	0.9	874	11.6	---	24.0	On
EW-2019	0.0	0.3	230	12.2	---	12.9	Off
EW-2020	0.4	0.4	386	10.5	---	19.0	On
EW-2021	0.4	0.5	342	11.4	---	13.9	On
EW-2022	0.0	0.5	459	12.5	---	20.9	Off
EW-2023	0.4	0.4	541	11.3	---	23.9	On
EW-2024	0.3	0.4	277	10.9	---	15.8	On
EW-2025	0.9	1.1	1,300	10.8	---	24.0	On
EW-2026	0.8	1.0	1,110	9.8	---	24.0	On
EW-2027	0.9	1.1	1,233	9.3	---	24.0	On
EW-2028	0.8	1.0	1,141	9.3	---	24.0	On
EW-2029	0.9	1.1	1,317	8.6	---	24.0	On
EW-2030	1.5	1.6	2,170	10.3	---	24.0	On
EW-2031	1.5	1.7	2,174	11.2	---	24.0	On
EW-2032	0.5	0.8	760	9.5	---	24.0	On
EW-2033	0.6	0.8	816	9.5	---	24.0	On
EW-2034	0.7	0.9	1,079	9.1	23.4	24.0	On
EW-2035	0.0	0.0	0	20.9	-0.1	0.0	Off
EW-2036	0.9	0.9	1,293	13.2	31.1	24.0	On
EW-2037	1.1	4.8	1,515	3.9	35.2	23.9	On
EW-2101	16.9	17.4	24,640	16.2	56.0	24.0	On
EW-2102	17.2	17.8	25,093	16.7	63.2	24.0	On
EW-2103	5.2	5.3	7,364	17.4	37.1	24.0	On
EW-2104	46.1	46.2	66,083	12.8	61.9	24.0	On
EW-3001	0.0	0.0	0	2.4	14.6	0.0	Off
EW-3002	0.4	0.5	604	2.1	13.3	24.0	On
EW-3003	0.0	0.0	0	3.8	13.3	0.0	Off

Daily Log

September 15, 2015 6AM to September 16, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	1.9	1.9	2,745	-2.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.1	2,877	-3.6	---	24.0	On
EW-3008	0.6	0.8	794	-0.9	---	24.0	On
EW-3009	1.0	1.2	1,451	-1.9	---	24.0	On
EW-3010	1.4	1.5	2,025	-2.1	---	24.0	On
EW-3011	0.5	0.8	700	0.4	22.1	22.3	On
EW-3012	0.6	0.9	894	-5.2	25.1	24.0	On
EW-3013	1.1	1.3	1,540	-6.2	32.0	24.0	On
EW-3014	0.0	0.4	174	-4.4	38.6	11.3	Off
EW-3015	1.3	1.4	1,844	-6.2	45.4	24.0	On
EW-3016	0.8	0.9	1,161	-3.9	53.1	24.0	On
EW-3017	0.4	0.5	349	-5.6	54.4	17.1	On
EW-3018	0.0	0.6	58	-4.7	54.2	2.7	Off
EW-3019	0.9	1.1	1,356	-1.7	55.2	24.0	On
EW-3020	4.1	4.2	5,805	-1.7	41.3	24.0	On
EW-3021	0.4	0.4	508	0.0	27.8	23.8	On
EW-3022	0.8	0.8	1,124	-2.3	34.7	24.0	On
EW-3023	1.7	1.8	2,461	1.1	23.4	24.0	On
EW-3024	0.5	0.5	652	1.5	---	24.0	On
EW-3025	2.1	2.1	3,027	-0.4	36.9	24.0	On
EW-3026	2.7	2.7	3,832	-2.8	37.7	24.0	On
EW-3027	0.4	0.5	623	0.9	---	24.0	On
EW-4001	2.9	2.9	4,132	-14.2	31.8	24.0	On
EW-4002	2.3	2.4	3,280	-47.2	14.9	24.0	On
EW-4003	2.0	2.0	2,806	-27.1	---	24.0	On
EW-4004	1.7	1.8	2,473	-15.7	15.1	24.0	On
EW-4005	2.0	2.0	2,813	-17.3	---	24.0	On
EW-4006	1.5	1.5	2,129	-51.1	32.0	24.0	On
EW-4007	1.0	1.0	1,399	-2.0	35.9	24.0	On
EW-4008	2.9	3.1	4,232	-12.7	37.8	24.0	On
EW-4009	0.9	0.9	1,200	-19.6	32.8	24.0	On
EW-4010	2.1	2.1	3,034	-2.5	47.0	24.0	On
EW-4011	2.3	2.4	3,255	-21.1	46.3	24.0	On
EW-5001	1.9	2.0	2,036	-18.9	---	17.8	On
EW-5002	0.0	0.0	0	4.1	1.0	0.0	Off
EW Totals	**162.8**		**233,106**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	232.7	168 GPM
FIT-500	206 GPM	213.2	274 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

September 15, 2015 6AM to September 16, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	22.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 15, 2015 6AM to September 16, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	33.2
Permeate Flow	FIT-642	0 GPM	23.9
Concentrate Flow	FIT-643	0 GPM	8.7

Inlet Conductivity	CIT-630	977.4 µS
Outlet Conductivity	CIT-642	119.5 µS
Hours Run		6.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 16, 2015 6AM to September 17, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.6	2,960	1.4	42.9	23.9	On
EW-2002	1.0	2.4	1,391	5.9	42.3	23.9	On
EW-2003	1.3	1.6	1,986	5.6	40.1	23.9	On
EW-2004	0.5	3.0	829	6.6	35.4	23.9	On
EW-2005	0.5	0.6	618	7.8	32.3	23.9	On
EW-2006	1.4	4.0	2,027	5.3	27.6	23.9	On
EW-2007	2.1	5.3	3,075	7.4	21.9	23.9	On
EW-2008	0.7	3.7	1,097	3.1	22.0	23.9	On
EW-2009	1.1	4.3	1,653	3.1	22.1	23.9	On
EW-2010	0.0	0.7	220	20.4	21.1	12.4	Off
EW-2011	0.2	0.6	368	8.2	19.7	22.3	On
EW-2012	0.0	0.5	162	11.7	15.1	9.1	Off
EW-2013	0.3	0.5	478	16.9	15.2	22.4	On
EW-2014	1.0	4.1	1,519	13.0	18.6	23.9	On
EW-2015	0.0	0.6	589	13.7	14.9	23.3	Off
EW-2016	0.5	0.8	818	11.0	---	22.5	On
EW-2017	1.3	4.2	1,924	12.6	---	23.9	On
EW-2018	0.3	2.8	871	11.9	---	23.9	On
EW-2019	0.3	0.3	230	11.8	---	12.9	On
EW-2020	0.0	0.5	321	11.0	---	15.6	Off
EW-2021	0.4	0.5	337	11.6	---	13.6	On
EW-2022	0.3	0.6	464	11.6	---	20.4	On
EW-2023	0.3	0.5	530	11.3	---	23.8	On
EW-2024	0.0	0.4	280	10.2	---	15.4	Off
EW-2025	0.7	3.7	1,289	10.9	---	23.9	On
EW-2026	0.5	3.4	1,106	9.9	---	23.9	On
EW-2027	0.6	3.8	1,226	9.5	---	23.9	On
EW-2028	0.5	3.5	1,134	9.5	---	23.9	On
EW-2029	0.7	4.3	1,311	8.7	---	23.9	On
EW-2030	1.4	6.5	2,157	10.3	---	23.9	On
EW-2031	1.4	6.6	2,157	11.2	---	23.9	On
EW-2032	0.2	2.2	757	9.7	---	23.9	On
EW-2033	0.4	2.3	813	9.6	---	23.9	On
EW-2034	0.7	3.5	1,067	8.8	23.6	23.9	On
EW-2035	0.0	0.0	0	20.9	0.0	0.0	Off
EW-2036	0.9	2.4	1,272	13.3	31.2	23.9	On
EW-2037	1.0	6.0	1,508	3.8	34.5	23.9	On
EW-2101	16.7	17.5	19,922	16.3	56.5	23.9	On
EW-2102	17.1	18.3	20,233	16.8	63.8	23.9	On
EW-2103	4.8	11.1	7,293	17.5	37.1	23.9	On
EW-2104	45.8	46.4	43,602	13.1	62.0	23.9	On
EW-3001	0.0	0.0	0	2.5	15.1	0.0	Off
EW-3002	0.3	0.5	595	2.3	13.9	23.9	On
EW-3003	0.0	0.0	0	3.8	13.9	0.0	Off

Daily Log

September 16, 2015 6AM to September 17, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	1.9	1.9	2,699	-2.4	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	5.5	2,859	-3.6	---	22.6	On
EW-3008	0.0	3.5	784	-0.7	---	23.9	On
EW-3009	0.8	5.0	1,446	-1.9	---	23.9	On
EW-3010	1.3	5.8	2,001	-2.1	---	23.9	On
EW-3011	0.4	0.8	709	0.3	22.3	23.3	On
EW-3012	0.5	4.5	896	-5.0	25.4	23.9	On
EW-3013	1.0	5.6	1,541	-6.3	32.3	23.9	On
EW-3014	0.3	0.6	171	-4.4	38.9	10.9	On
EW-3015	1.2	4.6	1,848	-6.2	45.7	23.9	On
EW-3016	0.7	3.0	1,161	-4.0	53.5	23.9	On
EW-3017	0.0	0.9	352	-4.8	54.6	17.2	Off
EW-3018	0.4	1.1	56	-4.5	54.5	2.7	On
EW-3019	0.9	3.7	1,428	-1.5	55.3	23.9	On
EW-3020	4.1	5.8	4,007	-1.9	42.4	16.5	On
EW-3021	0.3	0.7	498	0.0	27.7	23.6	On
EW-3022	0.8	4.8	1,142	-2.6	34.5	23.9	On
EW-3023	1.7	5.4	2,451	1.1	23.8	23.9	On
EW-3024	0.3	0.6	628	1.6	---	23.9	On
EW-3025	2.0	2.8	2,963	-0.2	36.6	23.9	On
EW-3026	2.6	5.2	3,806	-2.6	37.3	23.9	On
EW-3027	0.4	0.7	614	1.0	---	23.9	On
EW-4001	2.8	3.4	4,205	-14.2	31.7	23.9	On
EW-4002	2.2	6.3	3,270	-47.0	15.4	23.9	On
EW-4003	1.8	7.0	2,306	-26.0	---	20.0	On
EW-4004	1.5	1.8	2,273	-14.3	15.6	23.9	On
EW-4005	1.8	2.1	2,755	-16.7	---	23.9	On
EW-4006	1.4	5.1	2,146	-51.2	31.8	23.9	On
EW-4007	0.9	1.2	1,415	-2.0	35.6	23.9	On
EW-4008	2.9	3.6	4,196	-12.5	37.8	23.9	On
EW-4009	0.7	1.1	1,170	-19.5	33.0	23.9	On
EW-4010	2.0	2.3	3,015	-2.5	44.6	23.9	On
EW-4011	2.0	2.5	3,000	-18.4	44.0	23.9	On
EW-5001	1.8	2.1	2,746	-19.7	---	23.9	On
EW-5002	0.0	0.0	0	3.9	1.0	0.0	Off
EW Totals	**154.6**		**198,742**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	198.4	167 GPM
FIT-500	202 GPM	173.4	269 GPM
Effluent Temp	97.2 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

September 16, 2015 6AM to September 17, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	25.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 16, 2015 6AM to September 17, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	40.0
Permeate Flow	FIT-642	0 GPM	28.8
Concentrate Flow	FIT-643	0 GPM	10.4

Inlet Conductivity	CIT-630	983.8 µS
Outlet Conductivity	CIT-642	116.9 µS
Hours Run		6.0 hrs
Recharge Tank pH	AIT-660A	5.2
Recharge Tank Temp	TIT-660C	96.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 17, 2015 6AM to September 18, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,943	1.6	42.2	24.0	On
EW-2002	1.0	1.0	1,381	6.2	41.6	24.0	On
EW-2003	1.2	1.4	1,862	6.2	39.4	24.0	On
EW-2004	0.5	0.9	808	6.7	35.1	24.0	On
EW-2005	0.4	0.5	612	8.3	32.0	24.0	On
EW-2006	1.3	1.5	1,935	5.6	27.4	24.0	On
EW-2007	2.1	2.4	3,058	7.5	21.9	24.0	On
EW-2008	0.8	1.0	1,120	3.2	22.6	24.0	On
EW-2009	1.1	1.4	1,673	3.3	22.7	24.0	On
EW-2010	0.3	0.5	303	6.6	21.7	16.9	On
EW-2011	0.2	0.5	368	8.9	20.2	22.5	On
EW-2012	0.3	0.5	164	12.5	15.3	9.1	On
EW-2013	0.3	0.5	473	17.3	15.4	21.4	On
EW-2014	1.0	1.7	1,538	13.1	18.3	24.0	On
EW-2015	0.3	0.7	588	13.1	14.7	23.3	On
EW-2016	0.5	0.9	812	11.0	---	22.7	On
EW-2017	1.3	1.7	1,911	12.8	---	24.0	On
EW-2018	0.3	1.8	863	11.9	---	24.0	On
EW-2019	0.3	0.5	229	12.1	---	12.8	On
EW-2020	0.0	0.6	399	11.1	---	19.6	Off
EW-2021	0.4	0.6	338	11.7	---	13.7	On
EW-2022	0.3	0.7	459	13.0	---	21.0	On
EW-2023	0.3	0.6	533	11.3	---	23.5	On
EW-2024	0.0	0.5	280	10.3	---	15.7	Off
EW-2025	0.7	1.8	1,289	11.0	---	24.0	On
EW-2026	0.5	1.7	1,111	10.0	---	24.0	On
EW-2027	0.6	1.8	1,235	9.6	---	24.0	On
EW-2028	0.6	7.3	1,039	9.6	---	21.7	On
EW-2029	0.7	1.8	1,311	8.8	---	24.0	On
EW-2030	1.4	2.2	2,157	10.3	---	24.0	On
EW-2031	1.4	2.2	2,153	11.3	---	24.0	On
EW-2032	0.2	1.6	760	9.8	---	24.0	On
EW-2033	0.6	1.4	812	9.9	---	24.0	On
EW-2034	0.7	1.3	1,072	9.0	23.6	24.0	On
EW-2035	0.0	0.0	0	21.0	-0.1	0.0	Off
EW-2036	0.9	1.1	1,293	13.1	30.4	24.0	On
EW-2037	1.0	5.4	1,404	3.9	30.4	21.2	On
EW-2101	16.8	19.2	18,631	16.4	55.4	24.0	On
EW-2102	17.2	18.6	18,934	16.9	62.5	24.0	On
EW-2103	4.8	11.1	7,333	17.6	36.1	24.0	On
EW-2104	45.9	46.6	42,971	13.4	61.3	24.0	On
EW-3001	0.0	0.0	0	2.5	15.2	0.0	Off
EW-3002	0.3	0.6	600	2.4	14.0	24.0	On
EW-3003	0.0	0.0	0	3.8	13.9	0.0	Off

Daily Log

September 17, 2015 6AM to September 18, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	1.9	1.9	2,701	-2.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.5	2,924	-3.6	---	24.0	On
EW-3008	0.2	1.7	781	-0.6	---	24.0	On
EW-3009	0.8	1.9	1,434	-1.8	---	24.0	On
EW-3010	1.3	2.0	1,964	-2.1	---	24.0	On
EW-3011	0.5	0.9	697	0.3	22.3	22.9	On
EW-3012	0.5	2.0	904	-5.1	25.3	24.0	On
EW-3013	1.0	5.7	1,423	-6.4	31.9	21.7	On
EW-3014	0.3	0.8	171	-4.4	38.3	10.8	On
EW-3015	1.3	2.6	1,854	-6.3	44.8	24.0	On
EW-3016	0.8	2.1	1,164	-4.1	52.4	24.0	On
EW-3017	0.0	1.0	353	-5.7	53.6	17.2	Off
EW-3018	0.0	1.0	57	-4.7	53.2	2.7	Off
EW-3019	0.9	2.5	1,372	-1.6	54.1	24.0	On
EW-3020	4.0	4.2	5,817	-1.7	41.7	24.0	On
EW-3021	0.3	0.7	487	0.1	27.0	23.2	On
EW-3022	0.7	1.5	1,126	-2.3	33.6	24.0	On
EW-3023	1.6	2.3	2,474	1.2	23.6	24.0	On
EW-3024	0.3	0.7	640	1.7	---	24.0	On
EW-3025	2.0	2.5	2,987	-0.1	35.7	24.0	On
EW-3026	2.6	3.1	3,816	-2.5	36.5	24.0	On
EW-3027	0.4	0.7	607	1.1	---	24.0	On
EW-4001	2.8	3.4	4,319	-13.8	31.0	24.0	On
EW-4002	2.2	2.8	3,264	-46.8	15.5	24.0	On
EW-4003	2.0	2.3	2,866	-28.7	---	24.0	On
EW-4004	1.5	1.9	2,322	-14.0	15.7	24.0	On
EW-4005	2.0	2.3	2,841	-18.9	---	24.0	On
EW-4006	1.4	2.2	2,125	-51.0	31.0	24.0	On
EW-4007	0.9	1.2	1,423	-1.6	34.8	24.0	On
EW-4008	2.9	3.6	4,353	-12.2	36.8	24.0	On
EW-4009	0.8	1.2	1,174	-19.0	32.8	24.0	On
EW-4010	0.0	2.2	1,880	7.5	33.7	14.8	Off
EW-4011	2.0	2.5	3,247	-16.1	33.7	24.0	On
EW-5001	2.0	2.3	2,860	-21.6	---	24.0	On
EW-5002	0.0	0.0	0	3.8	1.0	0.0	Off
EW Totals	**154.5**		**197,183**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	197.1	167 GPM
FIT-500	197 GPM	181.8	269 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

September 17, 2015 6AM to September 18, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	38 GPM	0.0
RC-7003	FIT-665	40 GPM	18.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 17, 2015 6AM to September 18, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	29.5
Permeate Flow	FIT-642	0 GPM	21.0
Concentrate Flow	FIT-643	0 GPM	7.8

Inlet Conductivity	CIT-630	991.3 µS
Outlet Conductivity	CIT-642	102.4 µS
Hours Run		4.9 hrs
Recharge Tank pH	AIT-660A	5.0
Recharge Tank Temp	TIT-660C	96.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 18, 2015 6AM to September 19, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.6	2,951	1.6	42.1	23.9	On
EW-2002	1.0	1.4	1,389	6.1	41.5	24.0	On
EW-2003	1.4	5.6	1,887	5.6	39.6	23.6	On
EW-2004	0.6	1.3	804	6.6	35.0	24.0	On
EW-2005	0.5	0.7	664	8.2	32.1	24.0	On
EW-2006	1.3	1.6	1,927	5.6	27.5	24.0	On
EW-2007	2.1	2.3	3,059	7.6	22.0	24.0	On
EW-2008	0.8	0.8	1,110	3.1	22.4	24.0	On
EW-2009	1.2	1.2	1,686	3.3	22.4	24.0	On
EW-2010	0.0	0.4	295	6.5	21.5	16.7	Off
EW-2011	0.3	0.4	373	8.5	20.0	22.4	On
EW-2012	0.3	0.4	162	12.7	15.4	9.2	On
EW-2013	0.3	0.5	485	17.2	15.5	22.4	On
EW-2014	1.1	1.1	1,556	13.1	18.7	24.0	On
EW-2015	0.4	0.5	583	12.1	14.8	23.0	On
EW-2016	0.6	0.7	819	10.0	---	22.6	On
EW-2017	1.4	1.4	1,894	12.6	---	24.0	On
EW-2018	0.6	0.9	864	11.7	---	24.0	On
EW-2019	0.0	0.3	228	12.4	---	12.7	Off
EW-2020	0.3	0.4	396	10.4	---	19.4	On
EW-2021	0.4	0.5	335	13.1	---	13.7	On
EW-2022	0.3	0.5	459	13.1	---	20.8	On
EW-2023	0.4	0.4	542	11.2	---	23.8	On
EW-2024	0.0	0.4	278	10.2	---	15.7	Off
EW-2025	0.9	1.1	1,284	10.8	---	24.0	On
EW-2026	0.8	1.0	1,106	9.8	---	24.0	On
EW-2027	0.9	1.1	1,227	9.3	---	24.0	On
EW-2028	0.8	1.0	1,150	9.3	---	24.0	On
EW-2029	0.9	1.1	1,313	8.6	---	24.0	On
EW-2030	1.5	1.6	2,158	10.2	---	24.0	On
EW-2031	1.5	1.6	2,168	11.1	---	24.0	On
EW-2032	0.5	0.8	760	9.5	---	24.0	On
EW-2033	0.6	0.8	813	9.5	---	24.0	On
EW-2034	0.8	1.2	1,075	8.8	23.9	24.0	On
EW-2035	0.0	0.0	0	21.0	-0.3	0.0	Off
EW-2036	0.9	3.6	1,305	13.1	32.0	24.0	On
EW-2037	1.1	1.4	1,537	4.0	35.7	24.0	On
EW-2101	16.9	21.0	24,239	16.3	57.1	23.9	On
EW-2102	17.8	20.9	25,269	16.9	64.7	23.9	On
EW-2103	5.1	5.3	7,336	17.6	37.7	24.0	On
EW-2104	45.7	46.2	65,816	13.1	62.2	24.0	On
EW-3001	0.0	0.0	0	2.3	15.3	0.0	Off
EW-3002	0.4	0.5	592	2.1	14.0	24.0	On
EW-3003	0.0	0.0	0	3.8	13.9	0.0	Off

Daily Log

September 18, 2015 6AM to September 19, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.6	---	0.0	Off
EW-3005	3.2	6.9	3,766	-3.1	---	23.7	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.2	2,779	-3.6	---	24.0	On
EW-3008	0.5	0.9	739	-0.9	---	24.0	On
EW-3009	0.9	1.2	1,375	-2.0	---	24.0	On
EW-3010	1.3	1.5	1,874	-2.2	---	24.0	On
EW-3011	0.5	0.8	720	0.3	22.5	23.1	On
EW-3012	0.6	1.4	893	-5.2	25.5	24.0	On
EW-3013	1.1	1.9	1,564	-6.5	32.4	24.0	On
EW-3014	0.0	0.8	165	-4.2	39.0	10.7	Off
EW-3015	1.3	2.3	1,844	-6.3	45.9	24.0	On
EW-3016	0.9	1.6	1,161	-4.1	54.1	24.0	On
EW-3017	0.4	0.5	352	-5.9	55.3	17.3	On
EW-3018	0.0	0.6	55	-4.5	55.0	2.6	Off
EW-3019	1.0	2.3	1,369	-1.7	55.9	24.0	On
EW-3020	4.0	4.4	5,797	-1.6	41.7	24.0	On
EW-3021	0.3	0.4	475	0.5	27.8	23.0	On
EW-3022	0.8	0.8	1,094	-2.4	34.7	24.0	On
EW-3023	1.7	2.4	2,415	1.2	23.9	24.0	On
EW-3024	0.5	0.5	649	1.3	---	24.0	On
EW-3025	2.0	2.1	2,934	-0.4	36.8	24.0	On
EW-3026	2.6	2.7	3,776	-2.7	37.5	24.0	On
EW-3027	0.0	0.5	241	1.2	---	9.6	Off
EW-4001	3.0	3.2	4,333	-15.7	32.5	24.0	On
EW-4002	2.2	2.4	3,254	-47.0	15.6	24.0	On
EW-4003	2.0	2.1	2,935	-28.1	---	24.0	On
EW-4004	1.6	1.8	2,249	-13.9	15.7	24.0	On
EW-4005	2.0	2.1	2,946	-18.7	---	24.0	On
EW-4006	1.5	1.5	2,107	-51.0	32.1	24.0	On
EW-4007	1.0	1.0	1,368	-1.9	35.8	24.0	On
EW-4008	2.9	3.0	4,182	-12.7	38.2	24.0	On
EW-4009	0.9	1.1	1,184	-19.3	33.2	24.0	On
EW-4010	2.4	2.4	3,267	-4.0	47.0	23.6	On
EW-4011	2.1	2.4	2,945	-17.8	46.3	24.0	On
EW-5001	2.0	2.1	2,910	-21.2	---	24.0	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**163.4**		**233,614**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	233.3	169 GPM
FIT-500	204 GPM	209.9	270 GPM
Effluent Temp	97.4 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

September 18, 2015 6AM to September 18, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	38 GPM	0.0
RC-7003	FIT-665	39 GPM	19.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 18, 2015 6AM to September 19, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	29.1
Permeate Flow	FIT-642	0 GPM	20.9
Concentrate Flow	FIT-643	0 GPM	7.6

Inlet Conductivity	CIT-630	978.6 µS
Outlet Conductivity	CIT-642	147.0 µS
Hours Run		5.2 hrs
Recharge Tank pH	AIT-660A	5.2
Recharge Tank Temp	TIT-660C	97.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 19, 2015 6AM to September 20, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.2	2,937	1.4	42.8	24.0	On
EW-2002	1.0	2.4	1,244	6.0	42.2	21.3	On
EW-2003	1.4	1.8	1,971	5.6	40.2	24.0	On
EW-2004	0.6	0.9	802	6.7	35.5	24.0	On
EW-2005	0.5	0.5	659	7.9	32.6	24.0	On
EW-2006	1.3	1.4	1,926	5.5	27.9	24.0	On
EW-2007	2.1	2.2	3,052	7.4	22.1	24.0	On
EW-2008	0.7	0.8	1,082	3.2	22.4	24.0	On
EW-2009	1.2	1.2	1,673	3.2	22.5	24.0	On
EW-2010	0.3	0.3	285	6.6	21.6	16.0	On
EW-2011	0.0	0.4	242	23.9	20.0	14.3	Off
EW-2012	0.0	0.4	165	11.4	15.4	9.2	Off
EW-2013	0.5	0.5	466	17.8	15.6	20.7	On
EW-2014	1.1	1.2	1,552	13.1	18.9	24.0	On
EW-2015	0.5	0.5	592	11.4	15.1	23.3	On
EW-2016	0.6	0.7	818	11.0	---	22.4	On
EW-2017	1.3	1.4	1,921	12.7	---	24.0	On
EW-2018	0.6	0.9	871	11.7	---	24.0	On
EW-2019	0.0	0.3	229	12.5	---	12.8	Off
EW-2020	0.0	0.5	394	11.0	---	18.6	Off
EW-2021	0.4	0.5	339	11.4	---	13.7	On
EW-2022	0.3	0.5	461	13.0	---	20.0	On
EW-2023	0.4	0.4	552	11.1	---	23.7	On
EW-2024	0.3	0.4	277	10.4	---	15.2	On
EW-2025	0.9	1.1	1,277	10.8	---	24.0	On
EW-2026	0.8	1.0	1,101	9.9	---	24.0	On
EW-2027	0.9	1.1	1,222	9.3	---	24.0	On
EW-2028	0.8	1.0	1,144	9.3	---	24.0	On
EW-2029	0.9	1.1	1,310	8.6	---	24.0	On
EW-2030	1.5	1.6	2,157	10.2	---	24.0	On
EW-2031	1.5	1.6	2,156	11.1	---	24.0	On
EW-2032	0.5	0.8	750	9.5	---	24.0	On
EW-2033	0.5	0.8	815	9.7	---	24.0	On
EW-2034	0.7	0.9	1,070	9.0	23.8	24.0	On
EW-2035	0.0	0.0	0	21.0	-0.3	0.0	Off
EW-2036	0.9	0.9	1,289	13.2	32.3	24.0	On
EW-2037	1.1	5.2	1,500	3.9	36.4	23.2	On
EW-2101	16.6	17.2	24,247	16.4	57.1	24.0	On
EW-2102	17.5	17.9	25,236	16.8	64.8	24.0	On
EW-2103	5.2	5.4	7,310	17.6	37.9	24.0	On
EW-2104	45.6	46.0	65,758	13.0	62.5	24.0	On
EW-3001	0.0	0.0	0	2.3	15.4	0.0	Off
EW-3002	0.4	0.5	600	2.0	14.2	24.0	On
EW-3003	0.0	0.0	0	3.8	14.1	0.0	Off

Daily Log

September 19, 2015 6AM to September 20, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.5	---	0.0	Off
EW-3005	3.2	3.4	4,536	-3.1	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.0	2,692	-3.7	---	24.0	On
EW-3008	0.5	0.9	693	-0.9	---	24.0	On
EW-3009	0.9	1.1	1,308	-2.0	---	24.0	On
EW-3010	1.3	5.8	1,667	-2.2	---	21.6	On
EW-3011	0.5	0.8	706	0.1	22.5	23.2	On
EW-3012	0.6	0.9	891	-5.2	25.5	24.0	On
EW-3013	1.1	1.3	1,557	-6.4	32.2	24.0	On
EW-3014	0.0	0.4	164	-4.1	38.8	10.6	Off
EW-3015	1.3	1.5	1,842	-6.0	45.7	24.0	On
EW-3016	0.8	1.0	1,159	-3.8	54.1	24.0	On
EW-3017	0.3	0.5	350	-3.7	55.3	17.2	On
EW-3018	0.0	0.6	54	-4.3	55.1	2.6	Off
EW-3019	1.0	3.8	1,176	-1.4	56.1	20.3	On
EW-3020	3.9	4.3	5,783	-1.7	42.3	24.0	On
EW-3021	0.3	0.4	446	0.0	28.1	22.1	On
EW-3022	0.7	0.8	1,071	-2.5	35.0	24.0	On
EW-3023	1.7	1.8	2,417	1.1	23.9	24.0	On
EW-3024	0.5	0.5	628	1.2	---	24.0	On
EW-3025	2.0	2.1	2,927	-0.4	37.1	24.0	On
EW-3026	2.6	2.7	3,755	-2.7	37.9	24.0	On
EW-3027	0.0	0.0	0	1.1	---	0.0	Off
EW-4001	3.0	3.1	4,352	-15.7	32.8	24.0	On
EW-4002	2.3	2.4	3,249	-46.9	15.8	24.0	On
EW-4003	2.0	2.1	2,894	-27.8	---	24.0	On
EW-4004	1.6	1.7	2,235	-14.4	15.8	24.0	On
EW-4005	1.9	2.1	2,521	-16.2	---	21.3	On
EW-4006	1.5	1.5	2,093	-51.0	32.3	24.0	On
EW-4007	1.0	1.1	1,392	-2.0	36.2	24.0	On
EW-4008	2.9	3.1	4,234	-12.9	38.6	24.0	On
EW-4009	0.8	0.9	1,190	-19.9	33.1	24.0	On
EW-4010	2.3	2.4	3,366	-3.8	48.5	24.0	On
EW-4011	2.3	2.5	3,211	-21.6	48.0	24.0	On
EW-5001	2.0	2.1	2,852	-21.0	---	24.0	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**162.3**		**232,867**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	232.8	168 GPM
FIT-500	159 GPM	219.2	270 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

September 19, 2015 6AM to September 20, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	38 GPM	0.0
RC-7003	FIT-665	40 GPM	21.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 19, 2015 6AM to September 20, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	34.3
Permeate Flow	FIT-642	0 GPM	24.7
Concentrate Flow	FIT-643	0 GPM	9.0

Inlet Conductivity	CIT-630	996.5 µS
Outlet Conductivity	CIT-642	151.1 µS
Hours Run		5.4 hrs
Recharge Tank pH	AIT-660A	5.0
Recharge Tank Temp	TIT-660C	97.9 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 20, 2015 6AM to September 21, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.2	2,927	1.4	43.4	24.0	On
EW-2002	1.0	1.3	1,392	5.9	42.8	24.0	On
EW-2003	1.4	4.9	1,633	5.3	40.9	19.3	On
EW-2004	0.5	4.7	716	6.7	36.2	20.9	On
EW-2005	0.4	0.5	530	8.1	33.5	19.9	On
EW-2006	1.4	4.0	1,812	5.4	28.9	21.0	On
EW-2007	2.1	2.3	3,064	7.6	23.4	24.0	On
EW-2008	0.7	0.8	1,070	3.3	23.8	24.0	On
EW-2009	1.1	1.3	1,658	3.3	23.9	24.0	On
EW-2010	0.3	0.4	283	5.6	23.0	16.0	On
EW-2011	0.2	0.4	367	8.8	21.5	21.9	On
EW-2012	0.0	0.4	163	12.0	16.4	9.1	Off
EW-2013	0.3	0.5	449	17.8	16.5	21.0	On
EW-2014	1.0	5.3	1,375	13.3	20.1	21.4	On
EW-2015	0.3	0.5	577	14.1	16.3	22.7	On
EW-2016	0.5	0.7	813	11.0	---	22.6	On
EW-2017	1.3	4.2	1,730	12.7	---	21.0	On
EW-2018	0.6	0.9	876	12.0	---	24.0	On
EW-2019	0.3	0.3	228	13.1	---	12.7	On
EW-2020	0.3	0.5	391	11.5	---	18.6	On
EW-2021	0.0	0.5	336	13.1	---	13.6	Off
EW-2022	0.3	0.5	462	11.4	---	20.9	On
EW-2023	0.3	0.4	543	12.0	---	23.2	On
EW-2024	0.3	0.6	239	10.5	---	13.1	On
EW-2025	0.6	1.1	1,283	11.2	---	24.0	On
EW-2026	0.7	1.1	1,104	10.2	---	24.0	On
EW-2027	0.8	7.3	1,131	9.7	---	21.9	On
EW-2028	0.8	1.2	1,153	9.7	---	24.0	On
EW-2029	0.9	1.2	1,316	9.0	---	24.0	On
EW-2030	1.3	1.7	2,159	10.5	---	24.0	On
EW-2031	1.3	1.7	2,147	11.4	---	24.0	On
EW-2032	0.5	0.9	752	9.9	---	24.0	On
EW-2033	0.3	3.1	586	9.9	---	16.8	On
EW-2034	0.7	3.9	946	9.0	24.6	20.9	On
EW-2035	0.0	0.0	0	21.0	-0.3	0.0	Off
EW-2036	0.9	0.9	1,273	13.0	33.1	24.0	On
EW-2037	1.0	1.1	1,515	4.1	36.7	24.0	On
EW-2101	16.3	16.9	23,837	16.4	57.6	24.0	On
EW-2102	16.8	17.5	24,805	16.8	65.2	24.0	On
EW-2103	4.8	5.3	7,354	17.6	38.6	24.0	On
EW-2104	45.5	45.9	65,657	13.0	63.0	24.0	On
EW-3001	0.0	0.0	0	2.3	16.4	0.0	Off
EW-3002	0.4	0.5	617	2.0	15.2	24.0	On
EW-3003	0.0	0.0	0	3.8	15.2	0.0	Off

Daily Log

September 20, 2015 6AM to September 21, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.6	---	0.0	Off
EW-3005	3.1	3.3	4,539	-3.0	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.8	2.0	2,669	-3.5	---	24.0	On
EW-3008	0.5	4.1	654	-0.5	---	21.7	On
EW-3009	0.6	1.1	1,278	-1.7	---	24.0	On
EW-3010	1.1	1.5	1,887	-1.9	---	24.0	On
EW-3011	0.7	0.8	546	0.8	23.3	16.9	On
EW-3012	0.6	0.9	895	-4.8	26.2	24.0	On
EW-3013	1.0	1.3	1,559	-6.2	32.7	24.0	On
EW-3014	0.0	0.4	163	-4.0	39.5	10.5	Off
EW-3015	1.2	1.6	1,866	-5.9	46.2	24.0	On
EW-3016	0.8	2.8	991	-3.7	54.8	20.1	On
EW-3017	0.3	0.5	357	-4.6	55.9	17.2	On
EW-3018	0.0	0.5	54	-4.8	55.7	2.7	Off
EW-3019	1.0	1.1	1,373	-1.6	56.7	24.0	On
EW-3020	4.0	4.3	5,760	-1.8	43.0	24.0	On
EW-3021	0.3	0.5	420	0.1	29.3	21.2	On
EW-3022	0.7	1.1	1,059	-2.2	35.9	24.0	On
EW-3023	1.6	1.9	2,441	1.3	24.7	24.0	On
EW-3024	0.3	0.5	644	1.3	---	24.0	On
EW-3025	2.1	2.2	2,934	-0.4	38.0	24.0	On
EW-3026	2.6	2.8	3,753	-2.8	38.8	24.0	On
EW-3027	0.0	0.0	0	1.1	---	0.0	Off
EW-4001	2.9	3.1	4,346	-15.7	33.6	24.0	On
EW-4002	2.1	2.4	3,241	-47.0	16.7	24.0	On
EW-4003	1.8	2.1	2,873	-27.5	---	24.0	On
EW-4004	1.6	1.8	2,340	-16.1	17.1	24.0	On
EW-4005	1.9	2.0	2,791	-16.9	---	24.0	On
EW-4006	1.5	6.1	1,696	-51.0	33.3	18.8	On
EW-4007	1.0	1.1	1,442	-2.4	37.1	24.0	On
EW-4008	3.0	3.1	4,284	-13.1	39.3	24.0	On
EW-4009	0.7	0.9	956	-19.3	33.5	19.4	On
EW-4010	2.2	2.3	3,230	-3.9	48.0	24.0	On
EW-4011	2.3	2.4	3,366	-21.2	47.5	24.0	On
EW-5001	1.9	2.0	2,845	-21.1	---	24.0	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**157.4**		**230,521**				

	Value	Total (KGal)	Peak Flow
FIT-100	157 GPM	230.4	172 GPM
FIT-500	195 GPM	208.9	274 GPM
Effluent Temp	97.5 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

September 20, 2015 6AM to September 21, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	23.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 20, 2015 6AM to September 21, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	36.8
Permeate Flow	FIT-642	0 GPM	26.4
Concentrate Flow	FIT-643	0 GPM	9.7

Inlet Conductivity	CIT-630	1,044.9 µS
Outlet Conductivity	CIT-642	107.7 µS
Hours Run		6.0 hrs
Recharge Tank pH	AIT-660A	5.1
Recharge Tank Temp	TIT-660C	97.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 21, 2015 6AM to September 22, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,914	1.5	41.8	24.0	On
EW-2002	0.9	1.0	1,384	6.1	41.2	24.0	On
EW-2003	1.3	1.5	1,961	5.7	39.2	24.0	On
EW-2004	0.6	0.7	822	6.9	34.5	24.0	On
EW-2005	0.4	0.5	657	8.4	31.8	24.0	On
EW-2006	1.4	1.5	2,028	5.7	27.2	24.0	On
EW-2007	2.1	2.2	3,041	7.6	21.5	24.0	On
EW-2008	0.7	0.8	1,068	3.1	22.0	24.0	On
EW-2009	1.1	1.3	1,642	3.3	22.2	24.0	On
EW-2010	0.3	0.4	279	5.6	21.2	15.8	On
EW-2011	0.3	0.5	367	9.7	19.7	22.0	On
EW-2012	0.3	0.4	108	14.4	14.9	6.0	On
EW-2013	0.4	0.5	456	17.0	15.0	21.6	On
EW-2014	1.1	1.6	1,518	13.2	18.2	24.0	On
EW-2015	0.5	0.6	591	11.8	14.3	23.2	On
EW-2016	0.7	0.7	816	12.0	---	22.4	On
EW-2017	1.4	1.5	1,943	12.8	---	24.0	On
EW-2018	0.8	1.0	873	11.8	---	24.0	On
EW-2019	0.0	0.4	228	13.3	---	12.8	On
EW-2020	0.4	0.5	391	11.4	---	18.6	On
EW-2021	0.4	0.5	335	12.7	---	13.6	On
EW-2022	0.5	0.5	456	12.7	---	20.2	On
EW-2023	0.4	0.5	543	11.6	---	23.5	On
EW-2024	0.0	0.4	280	10.4	---	15.4	Off
EW-2025	1.0	1.2	1,279	11.0	---	24.0	On
EW-2026	0.9	1.1	1,099	10.0	---	24.0	On
EW-2027	1.0	1.2	1,236	9.5	---	24.0	On
EW-2028	1.0	1.1	1,142	9.5	---	24.0	On
EW-2029	1.1	1.2	1,312	8.8	---	24.0	On
EW-2030	1.6	7.5	1,923	10.5	---	21.3	On
EW-2031	1.5	1.7	2,122	11.4	---	24.0	On
EW-2032	0.7	0.9	752	9.7	---	24.0	On
EW-2033	0.7	0.9	824	9.7	---	24.0	On
EW-2034	0.8	1.0	1,070	9.0	23.0	24.0	On
EW-2035	0.0	0.0	0	21.0	-0.3	0.0	Off
EW-2036	0.9	1.3	1,251	13.2	31.4	24.0	On
EW-2037	1.0	2.0	1,494	4.0	34.8	24.0	On
EW-2101	16.3	17.0	20,362	16.5	56.1	24.0	On
EW-2102	17.3	18.6	21,246	16.8	63.7	24.0	On
EW-2103	5.1	10.9	7,301	17.6	37.0	24.0	On
EW-2104	45.6	46.0	53,519	13.2	61.8	24.0	On
EW-3001	0.0	0.0	0	2.3	14.8	0.0	Off
EW-3002	0.4	0.5	623	2.2	13.5	24.0	On
EW-3003	0.0	0.0	0	3.8	13.3	0.0	Off

Daily Log

September 21, 2015 6AM to September 22, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.6	---	0.0	Off
EW-3005	3.3	6.3	4,008	-3.0	---	20.4	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.3	2,747	-3.5	---	24.0	On
EW-3008	0.8	1.1	834	-0.8	---	24.0	On
EW-3009	1.0	1.3	1,323	-1.7	---	24.0	On
EW-3010	1.3	1.7	1,911	-1.9	---	24.0	On
EW-3011	0.5	0.8	655	0.6	21.6	21.3	On
EW-3012	0.7	1.4	892	-4.9	24.6	24.0	On
EW-3013	1.1	1.8	1,556	-6.2	31.2	24.0	On
EW-3014	0.0	0.8	163	-4.3	37.8	10.4	Off
EW-3015	1.3	2.7	1,842	-6.1	44.5	24.0	On
EW-3016	0.8	1.8	1,177	-3.9	53.2	24.0	On
EW-3017	0.4	1.0	234	-2.2	54.5	11.4	On
EW-3018	0.0	0.6	54	-4.7	54.2	2.6	Off
EW-3019	0.9	2.4	1,367	-1.4	55.0	24.0	On
EW-3020	3.9	4.1	5,682	-1.8	41.4	24.0	On
EW-3021	0.4	0.7	454	0.6	27.9	22.2	On
EW-3022	0.7	1.5	1,091	-2.3	35.1	24.0	On
EW-3023	1.7	2.0	2,436	1.2	23.0	24.0	On
EW-3024	0.5	0.6	610	1.5	---	23.6	On
EW-3025	2.2	2.6	3,154	-0.5	37.3	24.0	On
EW-3026	2.7	4.8	2,895	-2.9	38.2	18.4	On
EW-3027	0.0	0.6	85	1.2	---	3.5	Off
EW-4001	3.0	3.4	4,363	-15.7	31.8	24.0	On
EW-4002	2.2	2.4	3,225	-46.9	15.1	24.0	On
EW-4003	2.1	2.2	2,989	-29.1	---	24.0	On
EW-4004	1.7	1.8	2,457	-15.7	15.1	24.0	On
EW-4005	2.1	2.2	3,001	-19.0	---	24.0	On
EW-4006	1.5	2.2	2,171	-50.9	32.3	24.0	On
EW-4007	1.0	1.2	1,459	-2.6	36.3	24.0	On
EW-4008	3.0	3.6	4,383	-13.6	37.7	24.0	On
EW-4009	0.8	1.1	1,194	-19.1	32.0	24.0	On
EW-4010	2.2	2.4	3,207	-3.8	45.4	24.0	On
EW-4011	2.2	2.5	3,172	-19.2	44.8	24.0	On
EW-5001	2.1	2.2	3,012	-22.5	---	24.0	On
EW-5002	0.0	0.0	0	3.5	0.9	0.0	Off
EW Totals	**165.2**		**213,058**				

	Value	Total (KGal)	Peak Flow
FIT-100	165 GPM	212.7	172 GPM
FIT-500	56 GPM	189.7	270 GPM
Effluent Temp	97.7 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

September 21, 2015 6AM to September 22, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	38 GPM	0.0
RC-7003	FIT-665	39 GPM	25.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 21, 2015 6AM to September 22, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	100 GPM	37.2
Permeate Flow	FIT-642	69 GPM	26.7
Concentrate Flow	FIT-643	29 GPM	9.7

Inlet Conductivity	CIT-630	1,010.1 µS
Outlet Conductivity	CIT-642	32.7 µS
Hours Run		6.1 hrs
Recharge Tank pH	AIT-660A	5.2
Recharge Tank Temp	TIT-660C	97.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 22, 2015 6AM to September 23, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.3	2,897	1.5	41.4	24.0	On
EW-2002	0.9	2.3	1,362	6.1	40.9	24.0	On
EW-2003	1.3	4.1	1,949	5.6	38.9	24.0	On
EW-2004	0.6	2.4	811	6.8	34.4	24.0	On
EW-2005	0.5	0.6	672	8.1	31.6	24.0	On
EW-2006	1.4	3.8	2,068	5.5	26.9	24.0	On
EW-2007	2.1	4.9	3,021	7.6	21.1	24.0	On
EW-2008	0.7	2.9	1,044	3.3	21.6	23.9	On
EW-2009	1.1	4.0	1,622	3.5	21.8	23.9	On
EW-2010	0.3	0.6	277	5.5	20.8	15.6	On
EW-2011	0.2	0.6	368	8.9	19.3	22.0	On
EW-2012	0.3	0.5	166	12.5	14.8	9.2	On
EW-2013	0.3	0.5	440	17.1	14.9	19.4	On
EW-2014	1.1	3.6	1,522	13.0	17.9	24.0	On
EW-2015	0.4	0.7	580	11.7	14.2	22.9	On
EW-2016	0.6	0.8	815	10.1	---	22.5	On
EW-2017	1.3	4.1	1,930	12.6	---	24.0	On
EW-2018	0.6	2.2	876	11.8	---	24.0	On
EW-2019	0.3	0.3	229	13.2	---	12.9	On
EW-2020	0.3	0.5	389	11.3	---	18.9	On
EW-2021	0.4	0.5	333	13.5	---	13.6	On
EW-2022	0.3	0.6	381	13.0	---	17.0	On
EW-2023	0.4	0.5	550	11.1	---	23.8	On
EW-2024	0.3	0.4	282	9.8	---	15.9	On
EW-2025	0.9	3.1	1,274	10.8	---	24.0	On
EW-2026	0.8	2.7	1,099	9.8	---	24.0	On
EW-2027	0.9	3.0	1,227	9.3	---	24.0	On
EW-2028	0.8	2.9	1,135	9.3	---	24.0	On
EW-2029	0.9	3.4	1,308	8.6	---	24.0	On
EW-2030	1.5	5.3	2,168	10.2	---	24.0	On
EW-2031	1.5	5.3	2,111	11.1	---	24.0	On
EW-2032	0.5	7.2	635	9.5	---	19.6	On
EW-2033	0.6	1.9	825	9.5	---	24.0	On
EW-2034	0.7	2.8	1,061	9.0	22.3	24.0	On
EW-2035	0.0	0.0	0	21.0	-0.3	0.0	Off
EW-2036	0.8	3.1	1,224	13.2	31.2	23.9	On
EW-2037	1.0	4.1	1,476	3.8	34.4	24.0	On
EW-2101	16.2	17.3	23,462	16.5	55.1	24.0	On
EW-2102	16.9	18.2	24,578	16.8	61.9	24.0	On
EW-2103	5.1	12.3	7,306	17.6	37.0	23.9	On
EW-2104	45.7	47.0	65,546	13.0	61.5	23.9	On
EW-3001	0.0	0.4	18	2.6	14.8	1.1	Off
EW-3002	0.4	0.6	633	2.2	13.4	23.9	On
EW-3003	0.0	0.0	0	3.8	13.3	0.0	Off

Daily Log

September 22, 2015 6AM to September 23, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.6	---	0.0	Off
EW-3005	3.3	6.4	4,751	-3.1	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	5.5	2,630	-3.7	---	23.9	On
EW-3008	0.5	2.7	769	-0.8	---	23.9	On
EW-3009	0.9	3.9	1,238	-2.0	---	23.9	On
EW-3010	1.3	5.3	1,823	-2.2	---	23.9	On
EW-3011	0.5	0.8	563	0.0	20.9	18.0	On
EW-3012	0.6	6.2	775	-5.1	23.8	20.5	On
EW-3013	1.1	5.2	1,544	-6.4	30.4	23.9	On
EW-3014	0.3	0.5	164	-4.2	37.4	10.6	On
EW-3015	1.3	4.1	1,859	-6.2	44.0	23.9	On
EW-3016	0.9	2.4	1,168	-4.0	52.2	23.9	On
EW-3017	0.0	0.5	360	-5.1	53.2	17.4	Off
EW-3018	0.0	0.6	54	-4.3	53.1	2.6	Off
EW-3019	0.9	3.1	1,366	-1.6	53.9	23.9	On
EW-3020	3.9	5.3	5,623	-1.5	41.0	23.9	On
EW-3021	0.3	0.8	418	0.6	27.3	21.5	On
EW-3022	0.7	3.9	1,034	-2.5	33.8	23.9	On
EW-3023	1.7	5.3	2,467	1.0	22.2	23.9	On
EW-3024	0.5	0.6	625	1.2	---	23.6	On
EW-3025	2.0	2.4	3,017	-0.2	35.8	23.9	On
EW-3026	2.6	4.8	3,805	-2.6	36.6	23.9	On
EW-3027	0.0	0.0	0	1.2	---	0.0	Off
EW-4001	3.1	3.3	4,138	-15.8	31.8	23.9	On
EW-4002	2.3	7.0	2,252	-47.0	15.3	16.1	On
EW-4003	2.0	6.3	2,819	-26.5	---	23.9	On
EW-4004	1.6	1.8	2,272	-14.7	14.9	23.9	On
EW-4005	2.0	2.2	2,792	-16.9	---	23.9	On
EW-4006	1.5	4.5	2,166	-51.0	31.2	23.9	On
EW-4007	0.9	1.3	1,147	-1.5	34.9	18.3	On
EW-4008	3.1	3.5	4,200	-13.8	37.8	23.9	On
EW-4009	0.9	0.9	1,189	-19.6	31.3	23.9	On
EW-4010	2.1	2.3	3,052	-3.3	44.5	23.9	On
EW-4011	2.1	2.5	2,989	-18.5	44.0	23.9	On
EW-5001	2.0	2.2	2,803	-20.7	---	23.9	On
EW-5002	0.0	0.0	0	3.6	0.9	0.0	Off
EW Totals	**161.6**		**229,543**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	229.2	181 GPM
FIT-500	204 GPM	206.9	271 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

September 22, 2015 6AM to September 23, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	38 GPM	0.0
RC-7003	FIT-665	39 GPM	27.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 22, 2015 6AM to September 23, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	42.0
Permeate Flow	FIT-642	0 GPM	30.4
Concentrate Flow	FIT-643	0 GPM	10.9

Inlet Conductivity	CIT-630	1,069.7 µS
Outlet Conductivity	CIT-642	156.3 µS
Hours Run		7.0 hrs
Recharge Tank pH	AIT-660A	5.1
Recharge Tank Temp	TIT-660C	98.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 23, 2015 6AM to September 24, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.0	2,884	1.5	41.3	24.0	On
EW-2002	0.9	0.9	1,345	6.1	40.7	24.0	On
EW-2003	1.3	1.4	1,919	5.6	38.7	24.0	On
EW-2004	0.6	0.6	798	6.8	34.2	24.0	On
EW-2005	0.5	0.5	663	7.8	31.3	24.0	On
EW-2006	1.4	1.5	2,055	5.6	26.4	24.0	On
EW-2007	2.1	2.1	2,982	7.4	20.5	24.0	On
EW-2008	0.7	0.8	1,045	3.1	20.9	24.0	On
EW-2009	1.1	1.2	1,612	3.2	21.0	24.0	On
EW-2010	0.0	0.3	276	6.5	20.0	15.6	Off
EW-2011	0.3	0.4	365	8.6	18.6	21.5	On
EW-2012	0.3	0.4	164	12.7	14.6	9.2	On
EW-2013	0.3	0.5	437	17.2	14.8	20.3	On
EW-2014	1.1	1.1	1,515	13.0	17.7	24.0	On
EW-2015	0.4	0.5	371	13.0	14.0	14.8	On
EW-2016	0.5	0.7	809	12.2	---	22.4	On
EW-2017	1.3	1.4	1,922	12.6	---	24.0	On
EW-2018	0.6	0.9	879	11.7	---	24.0	On
EW-2019	0.3	0.3	229	11.8	---	12.9	On
EW-2020	0.3	0.4	389	11.6	---	19.0	On
EW-2021	0.0	0.5	332	13.4	---	13.6	Off
EW-2022	0.3	0.5	471	13.1	---	20.8	On
EW-2023	0.4	0.4	548	11.0	---	23.6	On
EW-2024	0.3	0.4	282	9.8	---	15.8	On
EW-2025	0.9	1.1	1,269	10.8	---	24.0	On
EW-2026	0.8	1.0	1,095	9.8	---	24.0	On
EW-2027	0.8	1.1	1,224	9.3	---	24.0	On
EW-2028	0.8	1.0	1,134	9.3	---	24.0	On
EW-2029	0.9	1.1	1,300	8.6	---	24.0	On
EW-2030	1.5	1.6	2,155	10.2	---	24.0	On
EW-2031	1.5	1.5	2,102	11.1	---	24.0	On
EW-2032	0.5	0.8	774	9.5	---	24.0	On
EW-2033	0.6	0.8	821	9.5	---	24.0	On
EW-2034	0.7	0.8	1,053	9.0	22.0	24.0	On
EW-2035	0.0	0.0	0	21.0	-0.3	0.0	Off
EW-2036	0.0	0.9	847	23.7	0.0	16.7	Off
EW-2037	1.0	1.1	1,461	4.0	34.0	24.0	On
EW-2101	15.8	16.3	23,057	16.5	55.7	24.0	On
EW-2102	16.5	17.0	24,035	16.9	62.5	24.0	On
EW-2103	5.2	5.2	7,354	17.6	36.6	24.0	On
EW-2104	45.9	46.1	65,905	13.0	61.6	24.0	On
EW-3001	0.0	0.0	0	2.3	14.6	0.0	Off
EW-3002	0.4	0.5	612	2.0	13.3	24.0	On
EW-3003	0.0	0.0	0	3.8	13.1	0.0	Off

Daily Log

September 23, 2015 6AM to September 24, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.5	---	0.0	Off
EW-3005	3.4	6.6	4,298	-3.2	---	21.5	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.8	2.3	2,695	-3.7	---	24.0	On
EW-3008	0.5	1.0	792	-0.9	---	24.0	On
EW-3009	0.9	1.2	1,270	-2.0	---	24.0	On
EW-3010	1.3	1.6	1,846	-2.2	---	24.0	On
EW-3011	0.5	0.8	667	0.1	20.6	21.5	On
EW-3012	0.6	0.8	900	-5.1	23.5	24.0	On
EW-3013	1.1	1.2	1,540	-6.5	29.9	24.0	On
EW-3014	0.0	0.4	169	-4.4	37.2	10.9	Off
EW-3015	1.3	1.4	1,859	-6.1	44.2	24.0	On
EW-3016	0.8	0.9	1,164	-3.8	52.6	24.0	On
EW-3017	0.3	0.5	352	-4.5	54.0	17.3	On
EW-3018	0.0	0.6	54	-4.3	53.7	2.6	Off
EW-3019	1.0	1.1	1,361	-1.5	54.5	24.0	On
EW-3020	3.9	4.0	5,608	-1.5	40.9	24.0	On
EW-3021	0.0	0.4	436	0.4	26.9	22.0	Off
EW-3022	0.8	0.8	1,044	-2.5	34.0	24.0	On
EW-3023	1.7	1.8	2,401	1.1	22.0	24.0	On
EW-3024	0.4	0.5	620	1.6	---	23.4	On
EW-3025	2.1	2.2	2,947	-0.5	36.1	24.0	On
EW-3026	2.6	2.7	3,736	-2.9	37.0	24.0	On
EW-3027	0.0	0.7	58	1.1	---	2.4	Off
EW-4001	3.2	3.2	4,450	-17.1	30.2	24.0	On
EW-4002	2.3	2.4	3,319	-47.0	15.1	24.0	On
EW-4003	2.0	2.0	2,797	-26.7	---	24.0	On
EW-4004	0.0	1.7	1,387	5.2	14.2	14.3	Off
EW-4005	2.0	2.0	2,796	-17.2	---	24.0	On
EW-4006	1.5	1.6	2,161	-51.2	31.3	24.0	On
EW-4007	1.1	1.1	1,393	-2.5	35.2	24.0	On
EW-4008	3.1	3.2	4,448	-14.3	37.4	24.0	On
EW-4009	0.9	0.9	1,206	-19.9	30.7	24.0	On
EW-4010	2.0	2.1	2,975	-3.7	44.1	24.0	On
EW-4011	2.1	2.2	3,042	-19.6	43.6	24.0	On
EW-5001	2.0	2.0	2,812	-20.8	---	24.0	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**158.2**		**229,090**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	228.6	165 GPM
FIT-500	201 GPM	202.1	269 GPM
Effluent Temp	97.9 °F		
Effluent pH	6.3		

Recharge and Injection Daily Report

September 23, 2015 6AM to September 24, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	27.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 23, 2015 6AM to September 24, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	40.5
Permeate Flow	FIT-642	0 GPM	29.5
Concentrate Flow	FIT-643	0 GPM	10.3

Inlet Conductivity	CIT-630	972.5 µS
Outlet Conductivity	CIT-642	182.6 µS
Hours Run		7.3 hrs
Recharge Tank pH	AIT-660A	5.2
Recharge Tank Temp	TIT-660C	98.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 24, 2015 6AM to September 25, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.7	2,771	1.4	39.2	22.8	On
EW-2002	1.0	2.5	1,317	6.0	38.6	22.8	On
EW-2003	1.4	3.4	1,895	5.5	36.5	22.8	On
EW-2004	0.6	4.7	765	6.7	32.0	22.1	On
EW-2005	0.4	0.7	574	8.9	29.7	22.1	On
EW-2006	1.5	4.1	1,986	5.4	25.8	22.1	On
EW-2007	2.1	5.2	2,803	7.5	21.3	22.1	On
EW-2008	0.7	3.6	1,025	3.2	21.8	22.8	On
EW-2009	1.1	4.4	1,588	3.3	21.9	22.8	On
EW-2010	0.3	0.7	273	5.6	21.0	15.0	On
EW-2011	0.3	0.6	352	8.7	19.5	21.1	On
EW-2012	0.0	0.5	160	13.2	14.5	8.9	Off
EW-2013	0.4	0.5	414	16.8	14.7	20.4	On
EW-2014	1.1	5.5	1,493	13.2	17.9	23.5	On
EW-2015	0.5	0.6	575	11.9	14.2	22.9	On
EW-2016	0.7	0.7	800	10.5	---	22.0	On
EW-2017	1.4	4.2	1,892	12.6	---	23.5	On
EW-2018	0.6	7.7	869	11.6	---	23.5	On
EW-2019	0.0	0.3	226	12.8	---	12.7	Off
EW-2020	0.0	0.5	387	10.2	---	18.5	Off
EW-2021	0.0	0.5	328	13.2	---	13.3	Off
EW-2022	0.5	0.5	468	11.6	---	20.1	On
EW-2023	0.4	0.5	525	11.6	---	23.1	On
EW-2024	0.0	0.4	280	10.7	---	15.3	Off
EW-2025	0.9	7.4	1,253	10.8	---	23.5	On
EW-2026	0.8	7.5	961	9.8	---	20.6	On
EW-2027	0.9	7.4	1,204	9.3	---	23.5	On
EW-2028	0.8	7.4	1,116	9.3	---	23.5	On
EW-2029	0.9	7.5	1,283	8.6	---	23.5	On
EW-2030	1.6	7.5	2,120	10.2	---	23.5	On
EW-2031	1.6	7.8	1,867	11.1	---	20.9	On
EW-2032	0.5	7.2	762	9.5	---	23.5	On
EW-2033	0.6	3.0	810	9.5	---	23.5	On
EW-2034	0.7	4.9	1,041	8.9	22.6	23.5	On
EW-2035	0.0	0.0	0	20.9	-0.3	0.0	Off
EW-2036	0.9	5.1	1,069	13.3	30.7	20.1	On
EW-2037	1.0	6.4	1,440	4.0	34.2	23.5	On
EW-2101	15.6	19.5	21,491	16.6	57.8	23.4	On
EW-2102	17.0	20.0	23,200	16.9	65.5	23.4	On
EW-2103	5.2	11.1	7,125	17.6	36.8	23.5	On
EW-2104	45.8	46.0	62,644	13.0	61.3	23.5	On
EW-3001	0.0	0.4	1	2.2	14.5	0.1	Off
EW-3002	0.5	0.5	591	1.9	13.3	23.5	On
EW-3003	0.0	0.5	2	3.8	13.2	0.1	Off

Daily Log

September 24, 2015 6AM to September 25, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	5	1.5	---	0.2	Off
EW-3005	3.4	6.8	4,791	-3.1	---	23.5	On
EW-3006	0.0	0.5	4	0.4	---	0.2	Off
EW-3007	1.9	5.8	2,572	-3.6	---	23.1	On
EW-3008	0.6	7.3	746	-0.9	---	23.4	On
EW-3009	1.0	6.8	1,223	-2.0	---	23.5	On
EW-3010	1.3	5.9	1,791	-2.0	---	23.5	On
EW-3011	0.5	0.8	579	0.3	21.1	19.0	On
EW-3012	0.7	6.2	888	-5.0	24.1	23.5	On
EW-3013	1.1	6.0	1,521	-6.3	30.5	23.5	On
EW-3014	0.0	0.5	127	7.2	38.0	8.0	Off
EW-3015	1.3	5.2	1,837	-6.0	45.8	23.4	On
EW-3016	0.8	3.5	1,153	-3.9	55.0	23.5	On
EW-3017	0.3	1.0	366	-6.4	56.2	17.8	On
EW-3018	0.0	0.6	54	-4.2	56.0	2.5	Off
EW-3019	1.0	4.3	1,349	-1.4	56.9	23.5	On
EW-3020	3.9	6.4	5,412	-1.9	38.8	22.8	On
EW-3021	0.3	0.8	401	0.3	27.6	20.6	On
EW-3022	0.7	5.4	1,029	-2.4	34.6	23.5	On
EW-3023	1.7	5.6	2,377	1.1	22.5	23.5	On
EW-3024	0.5	0.5	594	1.4	---	23.1	On
EW-3025	2.1	3.0	2,944	-0.5	36.8	23.5	On
EW-3026	2.6	5.2	3,717	-2.8	37.6	23.5	On
EW-3027	0.0	0.8	29	1.1	---	1.1	Off
EW-4001	2.9	5.3	4,212	-13.7	31.2	23.2	On
EW-4002	2.3	6.9	3,251	-47.1	15.0	23.2	On
EW-4003	2.0	3.5	2,675	-25.7	---	23.2	On
EW-4004	1.5	1.8	2,036	-12.6	14.9	21.3	On
EW-4005	1.9	2.1	2,659	-15.3	---	23.2	On
EW-4006	1.5	6.3	2,131	-50.9	31.9	23.2	On
EW-4007	1.0	1.2	1,429	-2.2	35.8	23.2	On
EW-4008	2.9	3.6	4,174	-12.4	37.5	23.2	On
EW-4009	0.8	1.2	1,101	-18.1	31.3	23.0	On
EW-4010	2.1	2.5	2,983	-3.5	44.1	23.2	On
EW-4011	2.0	2.4	2,900	-17.9	43.6	23.2	On
EW-5001	1.9	2.2	2,680	-19.6	---	23.2	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**160.7**		**221,488**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	221.0	170 GPM
FIT-500	202 GPM	192.2	273 GPM
Effluent Temp	97.4 °F		
Effluent pH	6.3		

Recharge and Injection Daily Report

September 24, 2015 6AM to September 25, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	39 GPM	30.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 24, 2015 6AM to September 25, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	46.6
Permeate Flow	FIT-642	0 GPM	33.5
Concentrate Flow	FIT-643	0 GPM	12.2

Inlet Conductivity	CIT-630	1,009.8 µS
Outlet Conductivity	CIT-642	85.7 µS
Hours Run		7.0 hrs
Recharge Tank pH	AIT-660A	5.0
Recharge Tank Temp	TIT-660C	97.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 25, 2015 6AM to September 26, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.0	2,856	1.6	38.7	24.0	On
EW-2002	0.9	1.0	1,351	6.2	38.1	24.0	On
EW-2003	1.3	1.4	1,927	5.6	36.1	24.0	On
EW-2004	0.6	0.6	789	6.6	31.7	24.0	On
EW-2005	0.5	0.5	599	8.5	29.2	24.0	On
EW-2006	1.5	1.5	2,104	5.6	25.4	24.0	On
EW-2007	2.1	2.1	3,003	7.5	20.8	24.0	On
EW-2008	0.7	0.8	1,027	2.9	20.7	24.0	On
EW-2009	1.2	1.2	1,636	3.2	20.9	24.0	On
EW-2010	0.0	0.3	273	6.1	19.9	15.5	Off
EW-2011	0.0	0.4	365	8.7	18.4	22.1	Off
EW-2012	0.0	0.4	162	11.8	14.1	9.1	Off
EW-2013	0.0	0.5	339	18.1	14.1	16.8	Off
EW-2014	1.1	1.1	1,510	13.1	17.9	24.0	On
EW-2015	0.5	0.5	599	11.7	14.1	23.3	On
EW-2016	0.7	0.7	674	10.3	---	18.6	On
EW-2017	1.3	1.4	1,919	12.6	---	24.0	On
EW-2018	0.6	7.7	792	11.6	---	21.3	On
EW-2019	0.3	0.3	227	11.6	---	12.8	On
EW-2020	0.3	0.5	388	11.6	---	18.6	On
EW-2021	0.0	0.5	283	11.8	---	11.6	Off
EW-2022	0.0	0.5	466	12.8	---	20.3	Off
EW-2023	0.4	0.4	540	11.3	---	23.8	On
EW-2024	0.3	0.4	281	10.5	---	15.5	On
EW-2025	0.9	1.1	1,267	10.8	---	24.0	On
EW-2026	0.8	1.0	1,125	9.8	---	24.0	On
EW-2027	0.8	1.0	1,211	9.3	---	24.0	On
EW-2028	0.8	1.0	1,126	9.3	---	24.0	On
EW-2029	0.9	1.1	1,292	8.6	---	24.0	On
EW-2030	1.5	1.6	2,145	10.2	---	24.0	On
EW-2031	1.5	1.6	2,168	11.1	---	24.0	On
EW-2032	0.5	0.8	765	9.5	---	24.0	On
EW-2033	0.6	0.7	816	9.5	---	24.0	On
EW-2034	0.7	0.9	1,048	8.9	22.5	24.0	On
EW-2035	0.0	0.0	0	20.9	-0.3	0.0	Off
EW-2036	0.9	4.5	1,133	13.3	31.1	21.9	On
EW-2037	1.0	1.2	1,444	3.8	34.2	24.0	On
EW-2101	15.5	15.8	22,377	16.6	56.8	24.0	On
EW-2102	16.8	17.2	24,258	16.9	63.9	24.0	On
EW-2103	5.2	5.5	7,303	17.5	36.8	24.0	On
EW-2104	45.8	46.2	65,928	12.9	61.5	24.0	On
EW-3001	0.0	0.0	0	2.2	14.1	0.0	Off
EW-3002	0.5	0.5	621	1.8	13.0	24.0	On
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

September 25, 2015 6AM to September 26, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.5	---	0.0	Off
EW-3005	3.4	3.7	4,969	-3.1	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	5.6	2,158	-3.6	---	19.2	On
EW-3008	0.5	0.9	797	-0.9	---	24.0	On
EW-3009	0.9	1.1	1,327	-2.0	---	24.0	On
EW-3010	1.3	1.5	1,905	-2.1	---	24.0	On
EW-3011	0.5	0.8	595	0.0	20.9	18.6	On
EW-3012	0.6	1.1	913	-5.2	23.9	24.0	On
EW-3013	1.1	1.4	1,543	-6.4	30.2	24.0	On
EW-3014	0.0	0.4	160	-4.0	37.2	10.1	Off
EW-3015	1.3	4.7	1,865	-6.3	44.9	24.0	On
EW-3016	0.8	1.0	1,157	-4.0	54.0	24.0	On
EW-3017	0.3	0.5	370	-5.1	55.3	18.4	On
EW-3018	0.0	0.6	54	-4.5	55.0	2.6	Off
EW-3019	0.9	1.2	1,349	-1.6	55.9	24.0	On
EW-3020	3.9	4.0	5,659	-1.9	38.3	24.0	On
EW-3021	0.0	0.6	396	0.8	27.3	19.7	Off
EW-3022	0.8	1.3	1,085	-2.6	34.4	24.0	On
EW-3023	1.7	5.5	2,123	1.0	22.3	20.9	On
EW-3024	0.5	0.5	639	1.2	---	23.9	On
EW-3025	2.1	2.5	2,784	-0.5	36.7	22.3	On
EW-3026	2.7	3.0	3,822	-2.8	37.4	24.0	On
EW-3027	0.0	0.0	0	1.1	---	0.0	Off
EW-4001	3.1	3.2	4,282	-16.1	31.7	24.0	On
EW-4002	2.3	2.4	3,277	-47.2	14.4	24.0	On
EW-4003	2.0	2.0	2,782	-26.6	---	24.0	On
EW-4004	1.6	1.6	2,205	-13.4	14.7	24.0	On
EW-4005	1.9	2.0	2,740	-15.8	---	24.0	On
EW-4006	1.5	2.0	2,150	-51.1	31.6	24.0	On
EW-4007	1.1	1.2	1,477	-2.3	35.6	24.0	On
EW-4008	3.0	3.1	3,450	-12.4	37.5	19.7	On
EW-4009	0.9	0.9	1,183	-19.0	31.1	24.0	On
EW-4010	2.1	2.1	3,006	-3.6	44.2	24.0	On
EW-4011	2.1	2.2	3,006	-18.1	43.7	24.0	On
EW-5001	2.0	2.0	2,754	-20.1	---	24.0	On
EW-5002	0.0	0.0	0	3.8	0.9	0.0	Off
EW Totals	**159.6**		**228,117**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	227.6	166 GPM
FIT-500	203 GPM	202.7	269 GPM
Effluent Temp	97.5 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

September 25, 2015 6AM to September 26, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	39 GPM	26.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 25, 2015 6AM to September 26, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	37.6
Permeate Flow	FIT-642	0 GPM	27.1
Concentrate Flow	FIT-643	0 GPM	9.8

Inlet Conductivity	CIT-630	990.8 µS
Outlet Conductivity	CIT-642	94.3 µS
Hours Run		7.3 hrs
Recharge Tank pH	AIT-660A	5.2
Recharge Tank Temp	TIT-660C	97.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 26, 2015 6AM to September 27, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.8	2,489	1.5	38.7	20.8	On
EW-2002	0.9	1.2	1,329	5.9	38.2	24.0	On
EW-2003	1.4	1.7	1,914	5.4	36.1	24.0	On
EW-2004	0.6	0.9	783	6.7	31.6	24.0	On
EW-2005	0.5	0.5	634	7.6	29.2	24.0	On
EW-2006	1.5	1.6	2,074	5.3	25.2	24.0	On
EW-2007	2.0	2.2	2,971	7.6	20.4	24.0	On
EW-2008	0.7	0.8	1,015	3.1	19.2	24.0	On
EW-2009	0.0	1.2	1,359	18.4	19.3	20.0	Off
EW-2010	0.0	0.4	271	6.3	18.7	15.5	Off
EW-2011	0.3	0.4	361	8.3	17.2	22.0	On
EW-2012	0.0	0.4	158	13.2	14.4	8.9	Off
EW-2013	0.4	0.5	422	18.6	14.5	20.3	On
EW-2014	1.1	1.1	1,503	13.1	17.9	24.0	On
EW-2015	0.5	0.5	604	11.9	14.1	23.1	On
EW-2016	0.0	0.7	837	11.0	---	22.7	Off
EW-2017	1.4	1.4	1,926	12.7	---	24.0	On
EW-2018	0.6	0.9	891	11.6	---	24.0	On
EW-2019	0.0	0.3	62	20.8	---	3.5	Off
EW-2020	0.4	0.4	391	10.5	---	19.0	On
EW-2021	0.0	0.5	346	13.4	---	14.1	Off
EW-2022	0.4	0.5	474	11.8	---	21.0	On
EW-2023	0.4	0.4	481	11.4	---	20.7	On
EW-2024	0.0	0.4	281	10.6	---	15.7	Off
EW-2025	0.9	1.1	1,278	10.8	---	24.0	On
EW-2026	0.8	1.0	1,124	9.8	---	24.0	On
EW-2027	0.8	1.0	1,210	9.3	---	24.0	On
EW-2028	0.8	1.0	1,129	9.3	---	24.0	On
EW-2029	0.9	1.1	1,295	8.6	---	24.0	On
EW-2030	1.5	1.6	2,144	10.2	---	24.0	On
EW-2031	1.5	1.6	2,149	11.1	---	24.0	On
EW-2032	0.5	0.8	765	9.5	---	24.0	On
EW-2033	0.6	0.7	817	9.5	---	24.0	On
EW-2034	0.7	0.8	1,046	8.9	21.7	24.0	On
EW-2035	0.0	0.0	0	20.9	-0.3	0.0	Off
EW-2036	0.8	1.0	1,218	13.3	31.2	24.0	On
EW-2037	1.0	5.4	1,130	4.0	35.1	18.2	On
EW-2101	15.4	15.8	22,330	16.6	56.1	24.0	On
EW-2102	16.5	17.1	24,122	16.8	62.3	24.0	On
EW-2103	5.2	5.3	7,343	17.5	37.0	24.0	On
EW-2104	45.8	46.0	65,825	12.9	61.7	24.0	On
EW-3001	0.0	0.0	0	2.1	14.4	0.0	Off
EW-3002	0.4	0.5	611	1.8	13.1	24.0	On
EW-3003	0.0	0.0	0	3.8	13.1	0.0	Off

Daily Log

September 26, 2015 6AM to September 27, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.5	---	0.0	Off
EW-3005	3.3	3.4	4,824	-3.0	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.8	1.9	2,655	-3.6	---	24.0	On
EW-3008	0.5	0.8	762	-0.9	---	24.0	On
EW-3009	0.9	1.0	1,275	-2.0	---	24.0	On
EW-3010	1.3	1.4	1,858	-2.2	---	24.0	On
EW-3011	0.0	0.9	419	1.9	20.2	13.4	Off
EW-3012	0.6	1.0	915	-5.1	23.4	24.0	On
EW-3013	1.1	1.4	1,556	-6.5	29.6	24.0	On
EW-3014	0.3	0.4	173	-4.2	36.5	11.1	On
EW-3015	1.3	5.1	1,377	-6.1	44.0	17.5	On
EW-3016	0.8	1.2	1,213	-3.8	53.3	24.0	On
EW-3017	0.4	0.5	375	-7.1	54.5	18.4	On
EW-3018	0.0	0.6	54	-4.9	54.3	2.6	Off
EW-3019	0.9	1.3	1,345	-1.5	55.2	24.0	On
EW-3020	3.9	4.1	5,629	-1.9	38.3	24.0	On
EW-3021	0.3	0.5	410	0.2	27.6	21.4	On
EW-3022	0.7	5.3	917	-2.4	34.6	20.8	On
EW-3023	1.7	5.5	2,235	1.1	21.8	21.7	On
EW-3024	0.5	0.5	641	1.1	---	23.8	On
EW-3025	2.1	2.3	3,010	-0.4	36.6	24.0	On
EW-3026	2.6	3.2	3,777	-2.8	37.4	24.0	On
EW-3027	0.0	0.0	0	1.1	---	0.0	Off
EW-4001	3.1	3.2	4,480	-16.3	31.8	24.0	On
EW-4002	2.3	2.4	3,251	-47.2	14.7	24.0	On
EW-4003	2.0	2.0	2,787	-27.0	---	24.0	On
EW-4004	1.6	1.7	2,239	-14.1	14.4	24.0	On
EW-4005	1.9	1.9	2,744	-16.5	---	24.0	On
EW-4006	1.5	2.2	2,125	-51.0	31.8	24.0	On
EW-4007	1.1	1.2	1,504	-2.4	35.7	24.0	On
EW-4008	3.0	3.1	4,286	-13.3	37.8	24.0	On
EW-4009	0.8	0.9	1,204	-19.5	30.6	24.0	On
EW-4010	2.2	2.2	3,118	-4.4	46.6	24.0	On
EW-4011	2.3	2.4	3,263	-21.5	46.1	24.0	On
EW-5001	2.0	2.0	2,770	-20.4	---	24.0	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**158.1**		**228,304**				

	Value	Total (KGal)	Peak Flow
FIT-100	157 GPM	227.8	165 GPM
FIT-500	48 GPM	195.5	273 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

September 26, 2015 6AM to September 27, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	39 GPM	28.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 26, 2015 6AM to September 27, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	99 GPM	43.6
Permeate Flow	FIT-642	72 GPM	31.7
Concentrate Flow	FIT-643	26 GPM	11.1

Inlet Conductivity	CIT-630	996.0 µS
Outlet Conductivity	CIT-642	33.3 µS
Hours Run		6.2 hrs
Recharge Tank pH	AIT-660A	7.1
Recharge Tank Temp	TIT-660C	82.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 27, 2015 6AM to September 28, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.4	2,847	1.4	37.8	23.7	On
EW-2002	0.9	2.5	1,327	5.9	37.2	23.7	On
EW-2003	1.4	2.9	1,915	5.3	35.1	23.7	On
EW-2004	0.6	4.2	767	6.6	30.4	23.7	On
EW-2005	0.5	0.7	647	9.0	27.8	23.7	On
EW-2006	1.5	4.1	2,046	5.3	23.7	23.7	On
EW-2007	2.1	5.0	2,915	7.4	18.7	23.7	On
EW-2008	0.7	3.4	1,012	3.0	19.2	23.7	On
EW-2009	1.1	4.9	1,624	3.1	19.3	23.4	On
EW-2010	0.3	0.6	271	6.1	18.4	15.2	On
EW-2011	0.3	0.6	359	8.9	16.9	21.6	On
EW-2012	0.0	0.4	161	12.7	11.8	9.0	Off
EW-2013	0.5	0.5	412	16.9	11.9	20.8	On
EW-2014	1.1	5.4	1,489	13.1	10.1	23.7	On
EW-2015	0.4	0.8	627	14.2	9.8	23.7	On
EW-2016	0.6	0.8	856	13.0	---	22.8	On
EW-2017	1.4	4.2	1,949	12.5	---	23.7	On
EW-2018	0.7	7.6	894	11.6	---	23.7	On
EW-2019	0.0	0.0	0	21.0	---	0.0	Off
EW-2020	0.4	0.5	391	10.6	---	18.6	On
EW-2021	0.4	0.5	353	11.3	---	14.3	On
EW-2022	0.4	0.6	482	12.7	---	20.4	On
EW-2023	0.4	0.5	566	13.6	---	23.6	On
EW-2024	0.3	0.4	285	9.6	---	15.6	On
EW-2025	0.9	7.4	1,273	10.8	---	23.6	On
EW-2026	0.8	7.4	1,119	9.8	---	23.7	On
EW-2027	0.9	7.3	1,204	9.3	---	23.7	On
EW-2028	0.8	7.4	1,123	9.4	---	23.7	On
EW-2029	0.9	7.4	1,289	8.6	---	23.7	On
EW-2030	1.5	7.5	2,128	10.2	---	23.7	On
EW-2031	1.5	7.7	2,125	11.1	---	23.7	On
EW-2032	0.5	7.2	762	9.5	---	23.7	On
EW-2033	0.6	2.9	810	9.5	---	23.7	On
EW-2034	0.7	4.8	1,032	8.8	13.4	23.7	On
EW-2035	0.0	0.0	0	20.9	-0.3	0.0	Off
EW-2036	0.9	5.2	1,205	13.0	16.0	23.7	On
EW-2037	1.0	6.4	1,441	3.8	17.7	23.7	On
EW-2101	5.1	16.3	13,622	17.5	18.3	15.1	On
EW-2102	5.2	20.1	24,873	18.2	19.2	23.7	On
EW-2103	5.2	17.0	7,215	17.5	13.1	23.7	On
EW-2104	0.0	46.1	61,972	14.3	11.9	22.6	Off
EW-3001	0.0	0.0	0	2.7	11.7	0.0	Off
EW-3002	0.5	0.6	596	2.3	10.5	23.6	On
EW-3003	0.0	0.0	0	4.3	10.4	0.0	Off

Daily Log

September 27, 2015 6AM to September 28, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	3	2.0	---	0.1	Off
EW-3005	3.7	5.2	4,721	-3.2	---	23.6	On
EW-3006	0.0	0.5	2	0.4	---	0.1	Off
EW-3007	0.3	5.7	2,608	-3.5	---	23.5	Off
EW-3008	0.6	7.2	736	-0.9	---	23.6	On
EW-3009	1.0	6.8	1,237	-2.0	---	23.6	On
EW-3010	1.4	5.9	1,808	-2.2	---	23.6	On
EW-3011	0.6	2.2	567	0.5	11.9	19.2	On
EW-3012	0.7	5.8	886	-5.2	12.1	23.6	On
EW-3013	1.1	5.4	1,519	-6.5	13.9	23.6	On
EW-3014	0.0	1.7	164	-4.2	15.4	10.4	Off
EW-3015	1.3	5.2	1,841	-6.3	16.2	23.6	On
EW-3016	0.9	3.6	1,157	-4.1	18.2	23.6	On
EW-3017	0.4	0.9	366	-5.3	18.2	17.8	On
EW-3018	0.0	1.1	53	-4.3	18.2	2.5	Off
EW-3019	0.9	4.0	1,338	-1.7	19.0	23.6	On
EW-3020	4.0	5.9	5,524	-1.9	37.4	23.6	On
EW-3021	0.4	0.8	408	1.5	17.2	21.1	On
EW-3022	0.8	5.5	1,041	-2.6	25.3	23.6	On
EW-3023	1.8	5.4	2,342	1.0	12.2	23.6	On
EW-3024	0.4	0.6	498	2.5	---	18.8	On
EW-3025	2.3	3.0	2,908	-0.5	27.7	23.6	On
EW-3026	2.8	5.2	3,707	-2.9	28.5	23.6	On
EW-3027	0.4	0.7	11	1.2	---	0.4	On
EW-4001	2.8	3.6	4,392	-11.7	16.5	23.6	On
EW-4002	2.3	6.7	3,217	-47.2	12.1	23.6	On
EW-4003	1.8	3.2	2,747	-18.9	---	23.6	On
EW-4004	1.4	1.8	2,290	-9.1	12.2	23.6	On
EW-4005	1.8	2.0	2,710	-11.1	---	23.6	On
EW-4006	1.5	5.8	2,100	-51.2	22.0	23.6	On
EW-4007	1.1	1.3	1,479	-2.3	26.4	23.6	On
EW-4008	2.8	3.6	4,267	-11.1	13.8	23.5	On
EW-4009	0.7	2.0	1,156	-11.3	15.8	23.5	On
EW-4010	2.4	2.4	3,089	-4.5	28.8	23.6	On
EW-4011	2.0	2.6	3,193	-12.6	27.9	23.6	On
EW-5001	1.8	2.1	2,740	-15.7	---	23.6	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**93.6**		**216,808**				

	Value	Total (KGal)	Peak Flow
FIT-100	94 GPM	216.5	165 GPM
FIT-500	0 GPM	201.8	272 GPM
Effluent Temp	97.4 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

September 27, 2015 6AM to September 28, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	38 GPM	0.0
RC-7003	FIT-665	40 GPM	22.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 27, 2015 6AM to September 28, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	98 GPM	33.4
Permeate Flow	FIT-642	72 GPM	24.3
Concentrate Flow	FIT-643	25 GPM	8.5

Inlet Conductivity	CIT-630	985.0 µS
Outlet Conductivity	CIT-642	33.3 µS
Hours Run		4.7 hrs
Recharge Tank pH	AIT-660A	5.2
Recharge Tank Temp	TIT-660C	98.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 28, 2015 6AM to September 29, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	3.2	2,842	1.8	40.2	23.9	On
EW-2002	1.0	2.5	1,320	6.3	39.6	23.9	On
EW-2003	1.4	3.3	1,894	5.7	37.5	23.9	On
EW-2004	0.5	4.0	770	6.9	32.9	23.9	On
EW-2005	0.4	0.6	551	9.2	30.4	23.9	On
EW-2006	1.4	4.2	2,029	5.6	26.4	23.8	On
EW-2007	2.1	5.2	2,927	7.7	21.5	23.9	On
EW-2008	1.0	3.8	1,097	3.3	23.5	23.7	On
EW-2009	1.6	4.6	1,712	3.3	23.6	23.7	On
EW-2010	0.3	0.7	289	5.7	22.3	16.3	On
EW-2011	0.3	0.6	367	8.7	20.8	22.4	On
EW-2012	0.3	0.5	178	11.2	14.9	9.8	On
EW-2013	0.4	0.5	427	17.3	15.1	21.0	On
EW-2014	1.1	5.3	1,526	13.1	18.1	23.8	On
EW-2015	0.5	0.7	625	12.1	14.3	23.5	On
EW-2016	0.6	0.7	844	11.2	---	22.8	On
EW-2017	1.4	4.2	1,988	12.6	---	23.9	On
EW-2018	0.6	4.7	909	11.8	---	23.9	On
EW-2019	0.5	0.7	269	11.7	---	10.6	On
EW-2020	0.3	0.5	392	10.3	---	19.1	On
EW-2021	0.0	0.5	357	12.5	---	14.5	Off
EW-2022	0.4	0.5	495	11.7	---	21.3	On
EW-2023	0.4	0.5	563	11.3	---	23.8	On
EW-2024	0.3	0.4	292	10.7	---	16.2	On
EW-2025	0.9	5.5	1,294	10.8	---	23.9	On
EW-2026	0.8	5.5	1,127	9.8	---	23.9	On
EW-2027	0.9	5.9	1,219	9.3	---	23.9	On
EW-2028	0.8	5.4	1,139	9.3	---	23.9	On
EW-2029	0.9	6.3	1,300	8.6	---	23.9	On
EW-2030	1.5	7.4	2,167	10.2	---	23.9	On
EW-2031	1.5	7.6	2,148	11.1	---	23.9	On
EW-2032	0.5	3.9	770	9.5	---	23.9	On
EW-2033	0.6	2.9	820	9.5	---	23.9	On
EW-2034	0.7	4.6	1,053	8.9	22.0	23.9	On
EW-2035	0.0	0.0	0	21.3	-0.3	0.0	Off
EW-2036	0.9	5.3	1,249	13.4	31.5	23.8	On
EW-2037	1.1	6.3	1,471	3.9	35.6	23.8	On
EW-2101	15.3	16.0	18,483	16.7	55.7	23.9	On
EW-2102	16.3	16.9	19,658	17.1	62.6	23.9	On
EW-2103	5.2	43.3	7,390	17.6	36.9	23.8	On
EW-2104	45.3	46.2	51,690	13.1	61.1	21.5	On
EW-3001	0.0	0.4	9	2.5	14.8	0.6	Off
EW-3002	0.4	0.5	608	2.2	13.5	23.7	On
EW-3003	0.0	0.4	11	3.8	13.4	0.6	Off

Daily Log

September 28, 2015 6AM to September 29, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.5	---	0.0	Off
EW-3005	3.5	5.2	4,842	-3.1	---	23.7	On
EW-3006	0.0	0.4	2	0.4	---	0.1	Off
EW-3007	1.9	5.8	2,634	-3.7	---	23.5	On
EW-3008	0.5	7.1	756	-0.9	---	23.7	On
EW-3009	0.9	6.8	1,262	-2.0	---	23.7	On
EW-3010	1.3	5.9	1,844	-2.1	---	23.7	On
EW-3011	0.0	0.8	558	2.2	20.4	18.7	Off
EW-3012	0.6	6.2	888	-5.1	23.5	23.7	On
EW-3013	1.1	6.0	1,546	-6.4	29.6	23.7	On
EW-3014	0.3	0.5	174	-4.1	36.4	10.9	On
EW-3015	1.3	5.5	1,866	-6.2	43.8	23.7	On
EW-3016	0.8	3.4	1,158	-3.7	53.0	23.7	On
EW-3017	0.4	0.6	369	-6.8	54.2	18.2	On
EW-3018	0.0	0.7	55	-4.9	54.0	2.7	Off
EW-3019	0.9	4.2	1,337	-1.4	54.9	23.7	On
EW-3020	3.9	6.4	5,526	-1.5	39.7	23.7	On
EW-3021	0.3	0.7	430	0.1	28.1	21.5	On
EW-3022	0.8	5.5	1,073	-2.6	35.4	23.7	On
EW-3023	1.7	5.6	2,374	1.3	21.9	23.7	On
EW-3024	0.5	0.5	645	1.5	---	23.7	On
EW-3025	2.1	2.7	2,947	-0.5	37.5	23.7	On
EW-3026	2.7	4.9	3,807	-2.9	38.4	23.7	On
EW-3027	0.0	0.9	29	1.2	---	1.1	Off
EW-4001	3.1	3.4	4,108	-15.1	32.1	23.1	On
EW-4002	2.3	6.9	3,210	-46.9	15.2	23.1	On
EW-4003	2.0	4.3	2,669	-27.5	---	23.1	On
EW-4004	1.6	1.8	2,112	-13.6	15.1	23.1	On
EW-4005	1.9	2.0	2,631	-15.9	---	23.1	On
EW-4006	1.5	6.4	2,113	-51.0	32.5	23.1	On
EW-4007	1.1	1.2	1,409	-2.3	36.5	23.1	On
EW-4008	3.1	3.9	4,121	-13.5	37.6	23.1	On
EW-4009	0.8	0.9	1,115	-19.5	30.6	23.1	On
EW-4010	2.3	2.4	3,137	-2.9	47.9	23.1	On
EW-4011	2.3	2.5	3,014	-15.3	47.2	23.1	On
EW-5001	1.9	2.0	2,645	-20.0	---	23.1	On
EW-5002	0.0	0.0	0	4.1	1.0	0.0	Off
EW Totals	**161.8**		**206,675**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	206.4	187 GPM
FIT-500	0 GPM	184.3	271 GPM
Effluent Temp	97.5 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

September 28, 2015 6AM to September 29, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	23.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 28, 2015 6AM to September 29, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	35.0
Permeate Flow	FIT-642	0 GPM	25.3
Concentrate Flow	FIT-643	0 GPM	9.1

Inlet Conductivity	CIT-630	1,093.8 µS
Outlet Conductivity	CIT-642	147.3 µS
Hours Run		8.1 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	96.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 29, 2015 6AM to September 30, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	3,035	2.5	44.5	24.0	On
EW-2002	1.1	1.1	1,574	6.2	44.0	24.0	On
EW-2003	1.6	1.6	2,198	5.7	41.6	24.0	On
EW-2004	0.6	0.7	903	7.0	36.4	24.0	On
EW-2005	0.3	0.4	515	11.0	33.4	24.0	On
EW-2006	1.5	1.6	2,190	5.7	28.6	24.0	On
EW-2007	2.3	2.4	3,305	7.8	23.0	24.0	On
EW-2008	0.8	1.1	1,230	3.1	23.5	24.0	On
EW-2009	1.2	2.0	1,963	3.3	23.6	24.0	On
EW-2010	0.3	0.4	502	7.5	22.6	24.0	On
EW-2011	0.2	0.4	389	9.3	21.1	23.8	On
EW-2012	0.0	0.4	179	11.9	15.6	10.0	Off
EW-2013	0.3	0.4	506	18.1	15.8	24.0	On
EW-2014	1.1	1.2	1,599	13.3	18.9	24.0	On
EW-2015	0.3	0.5	641	12.5	15.2	24.0	On
EW-2016	0.5	0.7	865	10.4	---	23.2	On
EW-2017	1.3	1.4	1,989	12.8	---	24.0	On
EW-2018	0.6	0.9	915	12.0	---	24.0	On
EW-2019	0.5	0.7	271	11.4	---	10.6	On
EW-2020	0.3	0.4	395	10.8	---	18.7	On
EW-2021	0.4	0.4	355	12.0	---	14.4	On
EW-2022	0.3	0.5	482	13.1	---	20.8	On
EW-2023	0.3	0.4	577	11.9	---	24.0	On
EW-2024	0.3	0.4	286	10.9	---	15.8	On
EW-2025	0.9	1.1	1,304	11.2	---	24.0	On
EW-2026	0.8	1.0	1,137	10.2	---	24.0	On
EW-2027	0.8	1.1	1,238	9.7	---	24.0	On
EW-2028	0.8	1.0	1,162	9.7	---	24.0	On
EW-2029	0.9	1.1	1,326	9.0	---	24.0	On
EW-2030	1.5	1.7	2,211	10.6	---	24.0	On
EW-2031	1.5	1.7	2,238	11.5	---	24.0	On
EW-2032	0.5	0.8	777	9.9	---	24.0	On
EW-2033	0.6	0.8	832	9.9	---	24.0	On
EW-2034	0.7	0.9	1,102	9.1	22.6	24.0	On
EW-2035	0.0	0.0	0	21.2	-0.4	0.0	Off
EW-2036	1.0	1.0	1,426	13.1	32.2	24.0	On
EW-2037	1.1	5.0	1,593	4.1	35.9	23.9	On
EW-2101	14.9	15.4	21,706	16.9	56.2	24.0	On
EW-2102	15.9	16.3	23,058	17.1	63.2	24.0	On
EW-2103	4.8	5.3	7,334	17.8	37.3	24.0	On
EW-2104	45.1	45.5	65,188	13.1	61.1	24.0	On
EW-3001	0.0	0.3	1	2.6	15.6	0.1	Off
EW-3002	0.3	0.4	531	2.4	14.3	24.0	On
EW-3003	0.0	0.0	0	3.9	14.3	0.0	Off

Daily Log

September 29, 2015 6AM to September 30, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.7	---	0.0	Off
EW-3005	3.4	3.5	4,869	-2.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.8	1.9	2,658	-3.3	---	24.0	On
EW-3008	0.5	0.9	757	-0.5	---	24.0	On
EW-3009	0.8	1.0	1,280	-1.6	---	24.0	On
EW-3010	1.2	1.4	1,846	-1.8	---	24.0	On
EW-3011	0.0	0.8	588	1.7	21.1	18.8	Off
EW-3012	0.6	0.8	895	-4.8	24.1	24.0	On
EW-3013	1.0	1.2	1,540	-6.2	30.2	24.0	On
EW-3014	0.0	0.4	163	-4.5	37.0	10.3	Off
EW-3015	1.3	1.4	1,865	-6.1	44.5	24.0	On
EW-3016	0.8	0.9	1,169	-3.8	53.4	24.0	On
EW-3017	0.3	0.5	369	-6.5	54.7	18.2	On
EW-3018	0.0	0.6	56	-4.8	54.5	2.7	Off
EW-3019	1.0	1.1	1,391	-1.6	55.4	24.0	On
EW-3020	4.1	4.1	5,771	-1.5	44.1	24.0	On
EW-3021	0.3	0.4	498	0.3	28.5	23.8	On
EW-3022	0.7	0.8	1,065	-2.3	35.4	24.0	On
EW-3023	1.7	1.8	2,423	1.2	22.6	24.0	On
EW-3024	0.4	0.5	640	2.0	---	24.0	On
EW-3025	2.1	2.2	3,051	-0.3	37.6	24.0	On
EW-3026	2.7	2.7	3,881	-2.7	38.4	24.0	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	3.0	3.1	4,419	-15.2	32.8	24.0	On
EW-4002	2.2	2.4	3,245	-46.8	16.0	24.0	On
EW-4003	1.8	2.0	2,806	-26.9	---	24.0	On
EW-4004	1.4	1.6	2,209	-13.1	16.1	24.0	On
EW-4005	1.8	2.0	2,752	-15.5	---	24.0	On
EW-4006	1.4	1.6	2,122	-50.9	32.6	24.0	On
EW-4007	1.0	1.1	1,520	-2.0	36.6	24.0	On
EW-4008	3.1	3.2	4,421	-13.3	38.1	24.0	On
EW-4009	0.8	0.9	1,185	-18.8	31.1	24.0	On
EW-4010	2.2	2.3	3,284	-2.2	47.6	24.0	On
EW-4011	2.3	2.5	3,325	-18.4	47.1	24.0	On
EW-5001	1.8	2.0	2,760	-19.5	---	24.0	On
EW-5002	0.0	0.0	0	4.0	1.0	0.0	Off
EW Totals	**158.4**		**231,851**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	231.6	166 GPM
FIT-500	197 GPM	229.0	272 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

September 29, 2015 6AM to September 30, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	39 GPM	3.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 29, 2015 6AM to September 30, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	5.2
Permeate Flow	FIT-642	0 GPM	3.6
Concentrate Flow	FIT-643	0 GPM	1.4

Inlet Conductivity	CIT-630	1,105.6 µS
Outlet Conductivity	CIT-642	222.0 µS
Hours Run		1.1 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	97.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

September 30, 2015 6AM to October 1, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	3,014	2.4	44.6	24.0	On
EW-2002	1.1	1.2	1,620	6.1	44.0	24.0	On
EW-2003	1.6	1.6	2,302	5.7	41.6	24.0	On
EW-2004	0.7	0.7	967	6.8	36.4	24.0	On
EW-2005	0.4	0.5	538	10.8	33.3	24.0	On
EW-2006	1.6	1.6	2,267	5.6	28.3	24.0	On
EW-2007	2.4	2.4	3,433	7.6	22.5	24.0	On
EW-2008	0.8	0.9	1,163	3.1	22.8	24.0	On
EW-2009	1.2	1.3	1,765	3.5	22.9	24.0	On
EW-2010	0.3	0.4	406	5.9	21.9	21.7	On
EW-2011	0.3	0.4	392	9.5	20.4	23.4	On
EW-2012	0.0	0.4	179	13.1	14.5	9.9	Off
EW-2013	0.4	0.4	505	17.7	14.7	24.0	On
EW-2014	1.2	1.2	1,641	13.2	18.1	24.0	On
EW-2015	0.5	0.5	650	11.6	14.3	23.9	On
EW-2016	0.6	0.7	863	11.6	---	23.0	On
EW-2017	1.4	1.4	2,020	12.6	---	24.0	On
EW-2018	0.6	0.9	932	11.6	---	24.0	On
EW-2019	0.0	0.9	262	13.3	---	10.3	Off
EW-2020	0.4	0.5	399	10.5	---	19.0	On
EW-2021	0.0	0.4	353	12.9	---	14.4	Off
EW-2022	0.4	0.5	486	12.1	---	21.0	On
EW-2023	0.4	0.5	586	11.5	---	24.0	On
EW-2024	0.0	0.4	289	10.8	---	16.0	Off
EW-2025	0.9	1.1	1,318	10.8	---	24.0	On
EW-2026	0.8	1.0	1,149	9.8	---	24.0	On
EW-2027	0.9	1.1	1,248	9.3	---	24.0	On
EW-2028	0.8	1.0	1,174	9.3	---	24.0	On
EW-2029	0.9	1.1	1,335	8.6	---	24.0	On
EW-2030	1.6	1.7	2,226	10.3	---	24.0	On
EW-2031	1.6	1.7	2,255	11.2	---	24.0	On
EW-2032	0.5	0.8	785	9.5	---	24.0	On
EW-2033	0.6	0.8	843	9.5	---	24.0	On
EW-2034	0.8	1.0	1,107	9.0	22.6	24.0	On
EW-2035	0.0	0.0	0	21.4	-0.5	0.0	Off
EW-2036	1.0	1.0	1,418	13.1	31.6	24.0	On
EW-2037	1.1	4.9	1,584	3.9	35.4	23.9	On
EW-2101	14.6	18.5	21,220	17.0	57.3	23.9	On
EW-2102	16.3	19.1	23,322	17.0	65.2	23.9	On
EW-2103	5.2	5.3	7,364	18.0	36.9	24.0	On
EW-2104	45.2	45.5	65,108	13.2	61.0	24.0	On
EW-3001	0.0	0.0	0	2.5	14.5	0.0	Off
EW-3002	0.4	0.4	548	2.2	13.3	24.0	On
EW-3003	0.0	0.0	0	3.9	13.2	0.0	Off

Daily Log

September 30, 2015 6AM to October 1, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.7	---	0.0	Off
EW-3005	3.3	3.4	4,821	-2.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	1.9	2,684	-3.6	---	24.0	On
EW-3008	0.5	0.9	765	-0.9	---	24.0	On
EW-3009	0.9	1.0	1,293	-2.0	---	24.0	On
EW-3010	1.3	1.4	1,845	-2.1	---	24.0	On
EW-3011	0.5	0.8	678	0.3	21.0	21.3	On
EW-3012	0.6	1.1	899	-5.2	23.9	24.0	On
EW-3013	1.0	1.8	1,539	-6.2	30.1	24.0	On
EW-3014	0.2	0.5	157	-3.8	37.4	9.9	On
EW-3015	1.3	2.6	1,871	-5.9	45.3	24.0	On
EW-3016	0.8	1.9	1,178	-4.0	54.6	24.0	On
EW-3017	0.3	1.0	369	-5.4	56.3	18.2	On
EW-3018	0.4	0.6	55	-4.7	56.1	2.7	On
EW-3019	1.0	2.1	1,418	-1.3	57.1	24.0	On
EW-3020	4.1	4.2	5,875	-1.6	44.1	24.0	On
EW-3021	0.4	0.4	530	0.0	28.0	24.0	On
EW-3022	0.8	0.8	1,071	-2.5	35.2	24.0	On
EW-3023	1.7	2.0	2,452	1.1	22.3	24.0	On
EW-3024	0.5	0.5	653	1.6	---	24.0	On
EW-3025	2.1	2.1	3,056	-0.3	37.3	24.0	On
EW-3026	2.7	2.7	3,886	-2.7	38.1	24.0	On
EW-3027	0.0	0.0	0	1.3	---	0.0	Off
EW-4001	3.0	3.1	4,389	-15.3	32.1	24.0	On
EW-4002	2.2	2.4	3,241	-47.2	14.8	24.0	On
EW-4003	2.0	2.0	2,816	-27.6	---	24.0	On
EW-4004	1.6	1.8	2,261	-14.0	15.3	24.0	On
EW-4005	1.9	2.0	2,764	-16.4	---	24.0	On
EW-4006	1.5	1.5	2,113	-51.1	32.3	24.0	On
EW-4007	1.1	1.1	1,522	-2.3	36.3	24.0	On
EW-4008	3.1	3.2	4,416	-13.8	37.7	24.0	On
EW-4009	0.8	1.1	1,202	-19.8	31.4	24.0	On
EW-4010	2.2	2.2	3,185	-2.4	46.8	24.0	On
EW-4011	2.3	2.5	3,304	-20.5	46.3	24.0	On
EW-5001	2.0	2.0	2,790	-20.1	---	24.0	On
EW-5002	0.0	0.0	0	4.0	1.0	0.0	Off
EW Totals	**161.6**		**232,136**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	231.8	166 GPM
FIT-500	193 GPM	220.3	274 GPM
Effluent Temp	97.9 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

September 30, 2015 6AM to October 1, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	39 GPM	13.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

September 30, 2015 6AM to October 1, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	22.3
Permeate Flow	FIT-642	0 GPM	16.1
Concentrate Flow	FIT-643	0 GPM	5.7

Inlet Conductivity	CIT-630	1,019.1 µS
Outlet Conductivity	CIT-642	129.4 µS
Hours Run		3.4 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	97.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 1, 2015 6AM to October 2, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.4	3,044	1.7	44.2	23.9	On
EW-2002	1.1	2.3	1,601	6.0	43.6	23.9	On
EW-2003	1.6	2.1	2,318	5.7	41.1	23.9	On
EW-2004	0.6	4.2	962	6.8	35.8	23.9	On
EW-2005	0.4	0.7	656	9.6	32.7	23.9	On
EW-2006	1.5	4.1	2,270	5.6	27.7	23.9	On
EW-2007	2.4	5.2	3,445	7.6	21.7	23.9	On
EW-2008	0.8	3.3	1,119	3.0	21.7	23.8	On
EW-2009	1.2	4.0	1,728	3.4	21.8	23.8	On
EW-2010	0.0	0.6	324	5.8	20.8	17.9	Off
EW-2011	0.3	0.6	393	9.0	19.3	22.9	On
EW-2012	0.0	0.5	182	11.2	15.2	10.2	Off
EW-2013	0.3	0.6	523	18.0	15.4	23.9	On
EW-2014	1.1	5.2	1,606	13.1	18.7	23.9	On
EW-2015	0.3	0.7	638	12.7	15.0	23.9	On
EW-2016	0.5	0.8	875	10.7	---	23.3	On
EW-2017	1.4	4.2	2,012	12.7	---	23.9	On
EW-2018	0.3	5.2	937	11.9	---	23.9	On
EW-2019	0.3	0.7	249	12.3	---	13.4	On
EW-2020	0.3	0.5	399	11.9	---	18.9	On
EW-2021	0.4	0.5	352	13.2	---	14.3	On
EW-2022	0.0	0.6	490	12.0	---	20.8	Off
EW-2023	0.3	0.5	568	11.8	---	23.9	On
EW-2024	0.0	0.4	292	10.1	---	16.2	Off
EW-2025	0.7	6.4	1,321	11.0	---	23.8	On
EW-2026	0.5	6.4	1,149	10.1	---	23.9	On
EW-2027	0.6	6.9	1,247	9.6	---	23.9	On
EW-2028	0.5	6.2	1,174	9.6	---	23.9	On
EW-2029	0.7	7.1	1,337	8.9	---	23.9	On
EW-2030	1.4	7.3	2,228	10.4	---	23.9	On
EW-2031	1.4	7.6	2,244	11.3	---	23.9	On
EW-2032	0.2	4.5	786	9.8	---	23.9	On
EW-2033	0.4	2.7	847	9.7	---	23.9	On
EW-2034	0.7	4.4	1,103	8.9	17.2	23.9	On
EW-2035	0.0	0.0	0	21.5	-0.5	0.0	Off
EW-2036	0.9	3.9	1,334	13.3	31.7	22.8	On
EW-2037	1.0	5.9	1,560	3.9	35.4	23.8	On
EW-2101	18.3	18.5	23,335	16.6	33.1	23.9	On
EW-2102	0.0	17.3	12,696	19.1	29.0	13.1	Off
EW-2103	4.8	5.5	7,287	18.2	37.2	23.9	On
EW-2104	45.3	46.5	64,940	13.4	61.0	23.9	On
EW-3001	0.0	0.0	0	2.5	15.2	0.0	Off
EW-3002	0.4	0.5	646	2.1	14.0	23.9	On
EW-3003	0.0	0.0	0	3.9	14.0	0.0	Off

Daily Log

October 1, 2015 6AM to October 2, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	3.3	4.0	4,813	-2.9	---	23.9	On
EW-3006	0.0	0.5	1	0.4	---	0.0	Off
EW-3007	1.8	5.6	2,672	-3.5	---	23.7	On
EW-3008	0.2	5.4	759	-0.5	---	23.9	On
EW-3009	0.7	6.6	1,283	-1.8	---	23.9	On
EW-3010	1.2	5.8	1,823	-2.0	---	23.9	On
EW-3011	0.4	0.8	719	0.7	15.8	23.9	On
EW-3012	0.4	5.6	902	-5.0	16.8	23.9	On
EW-3013	1.0	5.3	1,546	-6.4	19.8	23.9	On
EW-3014	0.3	0.5	163	-4.1	22.8	10.2	On
EW-3015	1.3	4.4	1,882	-6.2	25.5	23.9	On
EW-3016	0.8	2.5	1,179	-4.1	29.1	23.9	On
EW-3017	0.0	0.5	373	-6.7	30.7	18.2	Off
EW-3018	0.0	0.6	55	-4.2	30.5	2.6	Off
EW-3019	0.9	3.1	1,422	-1.6	31.3	23.9	On
EW-3020	4.1	5.4	5,875	-1.7	43.6	23.9	On
EW-3021	0.3	0.5	514	0.3	28.2	23.6	On
EW-3022	0.7	5.1	1,072	-2.3	35.2	23.9	On
EW-3023	1.7	5.3	2,441	1.2	16.4	23.9	On
EW-3024	0.3	0.5	634	1.9	---	23.9	On
EW-3025	2.1	2.5	3,020	-0.1	37.3	23.9	On
EW-3026	2.7	5.0	3,901	-2.5	38.1	23.9	On
EW-3027	0.0	0.9	32	1.4	---	1.3	Off
EW-4001	2.9	3.2	3,984	-13.9	32.2	22.7	On
EW-4002	2.2	6.4	3,239	-47.1	15.5	23.8	On
EW-4003	1.9	9.4	2,774	-27.2	---	23.8	On
EW-4004	1.6	1.8	2,275	-14.5	14.7	23.8	On
EW-4005	1.9	2.0	2,751	-16.4	---	23.8	On
EW-4006	1.4	5.0	2,096	-51.0	32.4	23.8	On
EW-4007	1.0	1.1	1,502	-2.0	36.2	23.8	On
EW-4008	3.0	3.2	4,248	-12.9	37.9	23.8	On
EW-4009	0.7	1.1	1,161	-18.9	21.4	23.8	On
EW-4010	2.1	2.2	3,024	-1.6	46.3	23.8	On
EW-4011	2.3	2.4	3,173	-20.2	45.9	23.8	On
EW-5001	1.9	2.1	2,774	-20.3	---	23.8	On
EW-5002	0.0	0.0	0	4.1	1.0	0.0	Off
EW Totals	**142.6**		**222,294**				

	Value	Total (KGal)	Peak Flow
FIT-100	142 GPM	221.7	186 GPM
FIT-500	204 GPM	204.1	275 GPM
Effluent Temp	99.3 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

October 1, 2015 6AM to October 2, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	16.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 1, 2015 6AM to October 2, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	26.7
Permeate Flow	FIT-642	0 GPM	19.4
Concentrate Flow	FIT-643	0 GPM	6.8

Inlet Conductivity	CIT-630	984.4 µS
Outlet Conductivity	CIT-642	136.3 µS
Hours Run		4.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	99.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 2, 2015 6AM to October 3, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.7	2,914	2.5	45.6	23.5	On
EW-2002	1.1	2.4	1,548	6.0	45.0	23.5	On
EW-2003	1.6	2.6	2,252	5.6	42.7	23.5	On
EW-2004	0.7	4.4	956	6.7	37.5	23.5	On
EW-2005	0.4	0.7	604	10.1	34.3	23.5	On
EW-2006	1.5	3.9	2,215	5.6	29.3	23.5	On
EW-2007	2.4	5.0	3,387	7.6	23.3	23.5	On
EW-2008	0.8	3.5	1,115	3.0	23.7	23.5	On
EW-2009	1.2	4.0	1,690	3.3	23.7	23.5	On
EW-2010	0.3	0.7	291	6.6	22.8	16.3	On
EW-2011	0.3	0.6	380	8.4	21.3	22.3	On
EW-2012	0.3	0.5	177	11.1	13.5	9.8	On
EW-2013	0.4	0.5	490	17.1	13.6	22.1	On
EW-2014	1.1	1.7	1,636	13.1	11.6	24.0	On
EW-2015	0.4	0.6	629	11.8	11.2	24.0	On
EW-2016	0.6	0.7	886	10.1	---	23.6	On
EW-2017	1.4	1.5	2,025	12.6	---	24.0	On
EW-2018	0.6	1.1	944	11.7	---	24.0	On
EW-2019	0.5	0.7	289	11.3	---	12.2	On
EW-2020	0.3	0.5	402	12.1	---	18.8	On
EW-2021	0.4	0.5	354	12.9	---	14.4	On
EW-2022	0.3	0.5	489	13.1	---	21.3	On
EW-2023	0.4	0.5	567	11.6	---	23.6	On
EW-2024	0.3	0.4	293	10.7	---	16.3	On
EW-2025	0.9	1.3	1,320	10.9	---	24.0	On
EW-2026	0.8	1.4	1,153	9.9	---	24.0	On
EW-2027	0.9	1.5	1,247	9.4	---	24.0	On
EW-2028	0.8	1.4	1,177	9.4	---	24.0	On
EW-2029	0.9	1.5	1,340	8.7	---	24.0	On
EW-2030	1.6	2.0	2,236	10.2	---	24.0	On
EW-2031	1.6	2.0	2,248	11.2	---	24.0	On
EW-2032	0.5	1.2	787	9.6	---	24.0	On
EW-2033	0.6	1.1	851	9.6	---	24.0	On
EW-2034	0.7	4.5	1,095	9.0	24.8	23.5	On
EW-2035	0.0	0.0	0	21.5	-0.5	0.0	Off
EW-2036	0.9	1.5	1,360	13.2	18.3	24.0	On
EW-2037	1.1	4.8	1,549	4.0	20.3	24.0	On
EW-2101	20.0	27.9	26,711	16.6	67.4	22.5	On
EW-2102	16.3	42.0	19,879	17.7	71.3	20.4	On
EW-2103	5.1	10.3	5,641	18.4	14.6	18.5	On
EW-2104	0.0	46.0	51,065	15.4	13.5	18.8	Off
EW-3001	0.0	0.3	1	2.6	13.3	0.1	Off
EW-3002	0.4	0.5	588	2.2	12.0	23.4	On
EW-3003	0.0	0.0	0	3.9	11.9	0.0	Off

Daily Log

October 2, 2015 6AM to October 3, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.7	---	0.0	Off
EW-3005	3.3	3.5	4,854	-2.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.0	2,720	-3.6	---	24.0	On
EW-3008	0.5	1.0	760	-0.8	---	24.0	On
EW-3009	0.9	1.5	1,283	-1.9	---	24.0	On
EW-3010	1.3	1.7	1,862	-2.1	---	24.0	On
EW-3011	0.5	1.1	581	0.9	23.3	18.1	On
EW-3012	0.6	5.9	901	-4.9	26.4	23.5	On
EW-3013	1.1	5.5	1,531	-6.3	32.9	23.0	On
EW-3014	0.0	1.7	165	-4.3	41.8	10.4	Off
EW-3015	1.3	5.3	1,852	-6.1	51.9	22.7	On
EW-3016	0.8	2.3	1,157	-4.0	63.6	22.8	On
EW-3017	0.3	1.2	362	-5.0	65.4	17.8	On
EW-3018	0.0	0.9	56	-4.5	65.1	2.7	Off
EW-3019	0.9	3.3	1,375	-1.5	66.2	22.8	On
EW-3020	4.0	5.8	5,736	-1.7	45.2	23.4	On
EW-3021	0.3	0.7	519	0.9	18.1	23.6	On
EW-3022	0.7	1.4	1,074	-2.5	25.2	24.0	On
EW-3023	1.8	5.4	2,436	1.2	24.8	23.3	On
EW-3024	0.4	0.5	626	1.7	---	24.0	On
EW-3025	2.1	2.4	3,088	-0.3	27.4	24.0	On
EW-3026	2.7	3.0	3,915	-2.7	28.1	24.0	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	3.1	3.4	4,268	-15.8	18.9	24.0	On
EW-4002	2.2	6.7	3,212	-46.8	13.7	23.4	On
EW-4003	2.0	2.2	2,854	-28.9	---	24.0	On
EW-4004	1.6	1.9	2,237	-14.7	16.3	23.4	On
EW-4005	2.0	2.2	2,823	-17.2	---	24.0	On
EW-4006	1.4	2.1	2,093	-51.0	22.3	24.0	On
EW-4007	1.0	1.2	1,440	-2.0	26.4	24.0	On
EW-4008	3.1	3.6	4,356	-14.1	15.5	24.0	On
EW-4009	0.8	1.7	1,158	-19.5	33.4	23.4	On
EW-4010	2.4	2.4	3,124	-3.0	32.8	24.0	On
EW-4011	2.4	2.5	3,319	-21.4	32.3	24.0	On
EW-5001	2.0	2.2	2,842	-21.0	---	24.0	On
EW-5002	0.0	0.0	0	4.0	1.0	0.0	Off
EW Totals	**122.1**		**217,361**				

	Value	Total (KGal)	Peak Flow
FIT-100	122 GPM	216.6	177 GPM
FIT-500	0 GPM	203.2	268 GPM
Effluent Temp	96.6 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

October 2, 2015 6AM to October 3, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	17.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 2, 2015 6AM to October 3, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	27.5
Permeate Flow	FIT-642	0 GPM	19.9
Concentrate Flow	FIT-643	0 GPM	7.1

Inlet Conductivity	CIT-630	1,033.9 µS
Outlet Conductivity	CIT-642	143.0 µS
Hours Run		4.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 3, 2015 6AM to October 4, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,938	2.4	46.1	24.0	On
EW-2002	1.1	1.1	1,536	6.2	45.5	24.0	On
EW-2003	1.5	1.6	2,237	5.9	43.2	24.0	On
EW-2004	0.6	0.8	940	6.9	38.1	24.0	On
EW-2005	0.4	0.5	573	10.6	34.8	24.0	On
EW-2006	1.5	1.6	2,225	5.6	29.9	24.0	On
EW-2007	2.3	2.4	3,405	7.6	23.8	24.0	On
EW-2008	0.8	0.8	1,106	3.3	24.2	24.0	On
EW-2009	1.2	1.3	1,696	3.4	24.3	24.0	On
EW-2010	0.3	0.3	285	5.3	23.4	16.2	On
EW-2011	0.3	0.4	385	8.1	21.9	22.6	On
EW-2012	0.3	0.4	176	12.6	16.0	9.8	On
EW-2013	0.3	0.4	519	17.6	16.2	24.0	On
EW-2014	1.2	1.3	1,651	13.0	19.1	24.0	On
EW-2015	0.5	0.5	647	11.9	15.4	24.0	On
EW-2016	0.6	0.7	882	10.2	---	23.4	On
EW-2017	1.5	1.5	2,044	12.5	---	24.0	On
EW-2018	0.7	1.0	957	11.8	---	24.0	On
EW-2019	0.0	0.8	251	13.0	---	9.9	Off
EW-2020	0.0	0.5	408	10.4	---	19.1	Off
EW-2021	0.4	0.5	355	13.2	---	14.5	On
EW-2022	0.4	0.5	489	11.7	---	21.3	On
EW-2023	0.4	0.5	588	11.1	---	23.9	On
EW-2024	0.3	0.4	295	11.0	---	16.6	On
EW-2025	0.9	1.1	1,322	10.9	---	24.0	On
EW-2026	0.8	1.0	1,158	9.9	---	24.0	On
EW-2027	0.9	1.1	1,248	9.3	---	24.0	On
EW-2028	0.8	1.1	1,178	9.3	---	24.0	On
EW-2029	0.9	1.2	1,341	8.6	---	24.0	On
EW-2030	1.6	1.7	2,239	10.2	---	24.0	On
EW-2031	1.6	1.7	2,250	11.1	---	24.0	On
EW-2032	0.6	0.9	790	9.6	---	24.0	On
EW-2033	0.6	0.9	856	9.5	---	24.0	On
EW-2034	0.8	0.9	1,102	8.9	25.6	24.0	On
EW-2035	0.0	0.0	0	21.6	-0.3	0.0	Off
EW-2036	0.9	1.1	1,333	13.1	32.3	24.0	On
EW-2037	1.1	1.3	1,536	3.8	35.7	24.0	On
EW-2101	20.1	20.1	28,808	16.6	69.3	24.0	On
EW-2102	16.1	16.6	23,318	17.8	72.6	24.0	On
EW-2103	5.2	5.4	7,355	18.4	37.8	24.0	On
EW-2104	45.0	46.0	63,964	13.9	61.1	23.6	On
EW-3001	0.0	0.0	0	2.6	15.9	0.0	Off
EW-3002	0.4	0.5	607	2.3	14.6	24.0	On
EW-3003	0.0	0.0	0	4.0	14.5	0.0	Off

Daily Log

October 3, 2015 6AM to October 4, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.7	---	0.0	Off
EW-3005	3.4	3.4	4,826	-2.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.0	2,702	-3.7	---	24.0	On
EW-3008	0.5	0.9	750	-0.9	---	24.0	On
EW-3009	0.9	1.1	1,263	-2.0	---	24.0	On
EW-3010	1.3	1.4	1,877	-2.2	---	24.0	On
EW-3011	0.5	0.8	630	0.4	24.0	19.6	On
EW-3012	0.6	0.9	904	-5.1	27.2	24.0	On
EW-3013	1.1	1.3	1,562	-6.5	33.8	24.0	On
EW-3014	0.0	0.4	165	-4.2	43.3	10.7	Off
EW-3015	1.3	1.5	1,893	-6.0	53.7	24.0	On
EW-3016	0.9	0.9	1,182	-3.9	65.3	24.0	On
EW-3017	0.3	0.5	371	-6.3	67.4	18.8	On
EW-3018	0.0	0.6	56	-4.6	67.1	2.7	Off
EW-3019	1.0	1.1	1,403	-1.7	68.1	24.0	On
EW-3020	4.1	4.1	5,790	-1.8	45.7	24.0	On
EW-3021	0.4	0.4	526	0.1	28.7	23.9	On
EW-3022	0.7	0.9	1,055	-2.5	35.8	24.0	On
EW-3023	1.7	1.8	2,467	1.0	25.5	24.0	On
EW-3024	0.5	0.6	646	1.7	---	24.0	On
EW-3025	2.1	2.2	3,069	-0.2	38.0	24.0	On
EW-3026	2.7	2.8	3,903	-2.7	39.0	24.0	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	2.9	3.1	4,183	-14.2	32.8	24.0	On
EW-4002	2.2	2.4	3,246	-47.0	16.3	24.0	On
EW-4003	2.0	2.1	2,868	-27.7	---	24.0	On
EW-4004	1.6	1.7	2,302	-13.9	17.0	24.0	On
EW-4005	2.0	2.0	2,814	-16.6	---	24.0	On
EW-4006	1.4	1.6	2,076	-51.0	33.0	24.0	On
EW-4007	1.0	1.1	1,437	-1.7	37.0	24.0	On
EW-4008	3.0	3.1	4,223	-12.9	38.5	24.0	On
EW-4009	0.8	0.9	1,196	-19.0	34.4	24.0	On
EW-4010	2.1	2.4	3,115	-2.1	46.2	24.0	On
EW-4011	2.1	2.4	3,002	-17.7	45.6	24.0	On
EW-5001	2.0	2.1	2,838	-20.4	---	24.0	On
EW-5002	0.0	0.0	0	4.0	0.9	0.0	Off
EW Totals	**165.8**		**237,330**				

	Value	Total (KGal)	Peak Flow
FIT-100	165 GPM	236.4	171 GPM
FIT-500	200 GPM	219.5	270 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

October 3, 2015 6AM to October 4, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	39 GPM	18.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 3, 2015 6AM to October 4, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	27.6
Permeate Flow	FIT-642	0 GPM	20.0
Concentrate Flow	FIT-643	0 GPM	7.1

Inlet Conductivity	CIT-630	1,006.4 µS
Outlet Conductivity	CIT-642	165.5 µS
Hours Run		4.7 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 4, 2015 6AM to October 5, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	2,943	2.2	45.2	24.0	On
EW-2002	1.1	1.1	1,525	5.9	44.6	24.0	On
EW-2003	1.4	1.5	2,094	6.3	42.2	24.0	On
EW-2004	0.7	0.7	930	6.7	37.2	24.0	On
EW-2005	0.5	0.5	589	9.4	34.0	24.0	On
EW-2006	1.5	1.6	2,175	5.7	28.8	24.0	On
EW-2007	2.4	2.4	3,383	7.5	22.6	24.0	On
EW-2008	0.8	0.8	1,123	3.0	23.2	24.0	On
EW-2009	1.2	1.3	1,712	3.2	23.3	24.0	On
EW-2010	0.3	0.4	296	6.4	22.3	16.8	On
EW-2011	0.3	0.4	384	8.7	20.8	22.7	On
EW-2012	0.3	0.4	179	12.4	14.4	9.9	On
EW-2013	0.4	0.4	493	17.4	14.5	24.0	On
EW-2014	1.1	1.3	1,645	13.2	15.9	24.0	On
EW-2015	0.5	0.6	635	12.4	13.2	24.0	On
EW-2016	0.7	0.7	894	10.4	---	23.5	On
EW-2017	1.5	1.5	2,069	12.6	---	24.0	On
EW-2018	0.9	1.0	963	11.8	---	24.0	On
EW-2019	0.5	0.8	249	11.4	---	9.8	On
EW-2020	0.0	0.5	404	12.1	---	18.8	On
EW-2021	0.4	0.5	356	12.4	---	14.4	On
EW-2022	0.5	0.5	492	13.0	---	20.8	On
EW-2023	0.4	0.5	581	11.9	---	23.8	On
EW-2024	0.3	0.4	297	9.8	---	16.0	On
EW-2025	1.1	1.1	1,323	11.1	---	24.0	On
EW-2026	1.0	1.0	1,156	10.0	---	24.0	On
EW-2027	1.0	1.1	1,246	9.5	---	24.0	On
EW-2028	1.0	1.1	1,178	9.5	---	24.0	On
EW-2029	1.1	1.2	1,340	8.8	---	24.0	On
EW-2030	1.6	1.7	2,233	10.5	---	24.0	On
EW-2031	1.6	1.7	2,244	11.4	---	24.0	On
EW-2032	0.8	0.9	789	9.7	---	24.0	On
EW-2033	0.7	0.9	860	9.8	---	24.0	On
EW-2034	0.8	0.9	1,102	9.0	24.4	24.0	On
EW-2035	0.0	0.0	0	21.6	-0.3	0.0	Off
EW-2036	0.9	1.1	1,340	13.3	27.6	24.0	On
EW-2037	1.1	1.7	1,551	4.0	30.2	24.0	On
EW-2101	20.0	20.1	28,811	16.6	69.2	24.0	On
EW-2102	15.7	16.3	22,843	17.7	72.9	24.0	On
EW-2103	5.2	8.8	7,328	18.4	29.5	24.0	On
EW-2104	35.0	45.3	61,839	14.4	43.4	24.0	On
EW-3001	0.0	0.0	0	2.5	14.3	0.0	Off
EW-3002	0.5	0.5	609	2.1	13.0	24.0	On
EW-3003	0.0	0.0	0	3.8	12.8	0.0	Off

Daily Log

October 4, 2015 6AM to October 5, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	3.2	3.4	4,743	-2.6	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.0	2,716	-3.5	---	24.0	On
EW-3008	0.8	0.9	740	-0.8	---	24.0	On
EW-3009	1.0	1.1	1,247	-1.7	---	24.0	On
EW-3010	1.3	1.4	1,870	-1.9	---	24.0	On
EW-3011	0.6	0.8	676	0.5	22.7	21.6	On
EW-3012	0.6	0.8	900	-4.8	25.8	24.0	On
EW-3013	1.1	1.2	1,563	-6.2	32.4	24.0	On
EW-3014	0.0	0.4	166	-3.8	42.5	10.8	On
EW-3015	1.3	1.4	1,894	-5.9	53.6	24.0	On
EW-3016	0.8	1.0	1,182	-4.0	65.3	24.0	On
EW-3017	0.4	0.5	368	-5.6	67.3	18.8	On
EW-3018	0.0	0.6	56	-4.8	67.1	2.7	Off
EW-3019	1.0	1.1	1,394	-1.4	68.1	24.0	On
EW-3020	4.0	4.2	5,808	-1.5	44.7	24.0	On
EW-3021	0.4	0.6	521	0.4	24.8	23.9	On
EW-3022	0.7	1.0	1,062	-2.4	32.0	24.0	On
EW-3023	1.7	1.8	2,468	1.1	24.1	24.0	On
EW-3024	0.5	0.5	636	1.9	---	24.0	On
EW-3025	2.2	2.3	3,100	-0.4	34.3	24.0	On
EW-3026	2.7	2.8	3,899	-2.8	35.2	24.0	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	3.2	3.2	4,236	-16.5	28.2	24.0	On
EW-4002	2.3	2.4	3,232	-46.9	14.7	24.0	On
EW-4003	2.1	2.2	2,888	-29.4	---	24.0	On
EW-4004	1.7	1.8	2,316	-15.4	15.7	24.0	On
EW-4005	2.1	2.1	2,837	-18.1	---	24.0	On
EW-4006	1.4	1.7	2,063	-50.9	29.2	24.0	On
EW-4007	1.0	1.2	1,431	-2.1	33.1	24.0	On
EW-4008	3.1	3.5	4,276	-14.0	30.3	24.0	On
EW-4009	0.8	0.9	1,193	-19.2	33.0	24.0	On
EW-4010	2.2	2.2	3,085	-2.7	41.7	24.0	On
EW-4011	2.2	2.3	3,040	-20.5	41.0	24.0	On
EW-5001	2.1	2.2	2,866	-21.6	---	24.0	On
EW-5002	0.0	0.0	0	4.0	0.9	0.0	Off
EW Totals	**159.2**		**234,674**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	233.6	170 GPM
FIT-500	55 GPM	217.9	271 GPM
Effluent Temp	93.4 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

October 4, 2015 6AM to October 5, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	39 GPM	16.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 4, 2015 6AM to October 5, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	97 GPM	23.7
Permeate Flow	FIT-642	70 GPM	17.1
Concentrate Flow	FIT-643	26 GPM	6.2

Inlet Conductivity	CIT-630	1,017.7 µS
Outlet Conductivity	CIT-642	33.0 µS
Hours Run		3.9 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 5, 2015 6AM to October 6, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,961	2.1	44.9	24.0	On
EW-2002	1.1	1.1	1,521	5.9	44.3	24.0	On
EW-2003	1.3	1.4	1,968	6.8	41.9	24.0	On
EW-2004	0.6	0.7	919	6.7	37.1	24.0	On
EW-2005	0.5	0.5	670	9.3	33.8	24.0	On
EW-2006	1.5	1.5	2,188	5.6	28.7	24.0	On
EW-2007	2.3	2.4	3,370	7.5	22.5	24.0	On
EW-2008	0.8	0.8	1,111	3.0	22.6	24.0	On
EW-2009	1.2	1.3	1,703	3.3	22.7	24.0	On
EW-2010	0.0	0.3	290	6.4	21.7	16.4	Off
EW-2011	0.3	0.4	385	8.3	20.3	22.9	On
EW-2012	0.3	0.4	174	13.0	14.8	9.8	On
EW-2013	0.3	0.4	503	18.0	14.9	23.9	On
EW-2014	1.1	1.2	1,628	13.3	18.0	24.0	On
EW-2015	0.5	0.5	645	11.8	14.3	24.0	On
EW-2016	0.6	0.7	885	11.8	---	23.4	On
EW-2017	1.4	1.5	2,062	12.8	---	24.0	On
EW-2018	0.7	0.9	968	11.6	---	24.0	On
EW-2019	0.0	0.6	239	12.5	---	9.3	Off
EW-2020	0.4	0.4	407	11.2	---	19.6	On
EW-2021	0.0	0.4	354	13.9	---	14.4	Off
EW-2022	0.4	0.5	492	12.4	---	21.2	On
EW-2023	0.4	0.4	574	11.7	---	24.0	On
EW-2024	0.3	0.4	294	11.0	---	16.2	On
EW-2025	0.9	1.1	1,329	10.8	---	24.0	On
EW-2026	0.8	1.0	1,157	9.8	---	24.0	On
EW-2027	0.9	1.0	1,252	9.3	---	24.0	On
EW-2028	0.8	1.0	1,183	9.3	---	24.0	On
EW-2029	0.9	1.1	1,346	8.6	---	24.0	On
EW-2030	1.6	1.6	2,234	10.4	---	24.0	On
EW-2031	1.6	1.7	2,248	11.3	---	24.0	On
EW-2032	0.6	0.8	797	9.5	---	24.0	On
EW-2033	0.6	0.8	861	9.5	---	24.0	On
EW-2034	0.8	0.8	1,100	9.1	24.4	24.0	On
EW-2035	0.0	0.0	0	21.6	-0.3	0.0	Off
EW-2036	0.9	3.7	1,321	13.1	31.1	23.4	On
EW-2037	1.1	2.0	1,548	4.0	34.6	24.0	On
EW-2101	20.1	20.1	28,818	16.6	69.6	24.0	On
EW-2102	15.4	16.0	22,571	17.7	73.7	24.0	On
EW-2103	5.2	5.6	7,339	18.4	36.9	24.0	On
EW-2104	45.0	45.4	63,311	14.0	60.2	24.0	On
EW-3001	0.0	0.0	0	2.5	14.7	0.0	Off
EW-3002	0.4	0.5	626	2.2	13.4	24.0	On
EW-3003	0.0	0.0	0	3.9	13.3	0.0	Off

Daily Log

October 5, 2015 6AM to October 6, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	3.1	3.3	4,571	-2.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.0	2,726	-3.5	---	24.0	On
EW-3008	0.5	0.8	746	-0.9	---	24.0	On
EW-3009	0.9	1.0	1,263	-2.0	---	24.0	On
EW-3010	1.3	1.4	1,867	-2.1	---	24.0	On
EW-3011	0.5	0.6	723	0.5	22.9	24.0	On
EW-3012	0.7	0.8	899	-5.1	26.0	24.0	On
EW-3013	1.1	1.2	1,556	-6.1	32.7	24.0	On
EW-3014	0.3	0.4	164	-4.3	42.9	10.6	On
EW-3015	1.3	1.4	1,892	-5.9	54.0	24.0	On
EW-3016	0.8	0.9	1,180	-3.7	65.8	24.0	On
EW-3017	0.4	0.5	368	-6.0	67.8	18.7	On
EW-3018	0.0	0.6	56	-4.9	67.6	2.7	Off
EW-3019	1.0	1.1	1,395	-1.5	68.5	24.0	On
EW-3020	4.0	4.1	5,788	-1.6	44.5	24.0	On
EW-3021	0.4	1.3	497	0.4	27.6	23.2	On
EW-3022	0.8	4.8	1,057	-2.4	34.6	23.4	On
EW-3023	1.7	1.8	2,454	1.2	24.3	24.0	On
EW-3024	0.5	0.5	649	1.8	---	24.0	On
EW-3025	2.1	2.5	3,063	-0.1	36.7	24.0	On
EW-3026	2.6	3.2	3,842	-2.5	37.6	24.0	On
EW-3027	0.0	0.0	0	1.5	---	0.0	Off
EW-4001	2.9	3.2	4,101	-14.0	31.7	23.4	On
EW-4002	2.2	2.4	3,202	-46.9	15.0	24.0	On
EW-4003	2.1	2.1	2,974	-29.1	---	24.0	On
EW-4004	1.7	1.7	2,414	-15.4	15.7	24.0	On
EW-4005	2.0	2.1	2,918	-18.0	---	24.0	On
EW-4006	1.4	5.3	2,052	-51.0	31.8	23.4	On
EW-4007	1.0	1.8	1,360	-1.9	35.7	23.1	On
EW-4008	3.0	3.2	4,312	-12.6	37.6	24.0	On
EW-4009	0.8	0.9	1,185	-19.2	33.1	24.0	On
EW-4010	2.1	2.2	2,850	-1.8	44.6	22.8	On
EW-4011	2.0	2.6	2,848	-17.2	43.9	22.8	On
EW-5001	2.1	2.1	2,953	-21.8	---	24.0	On
EW-5002	0.0	0.0	0	3.9	0.9	0.0	Off
EW Totals	**164.9**		**235,274**				

	Value	Total (KGal)	Peak Flow
FIT-100	164 GPM	234.3	170 GPM
FIT-500	252 GPM	219.6	273 GPM
Effluent Temp	96.6 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

October 5, 2015 6AM to October 6, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	39 GPM	18.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 5, 2015 6AM to October 6, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	97 GPM	27.1
Permeate Flow	FIT-642	71 GPM	19.7
Concentrate Flow	FIT-643	25 GPM	7.0

Inlet Conductivity	CIT-630	1,013.9 µS
Outlet Conductivity	CIT-642	33.9 µS
Hours Run		4.5 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 6, 2015 6AM to October 7, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	2,959	1.9	44.7	24.0	On
EW-2002	1.0	1.1	1,484	6.1	44.0	24.0	On
EW-2003	1.2	1.3	1,823	7.2	41.7	24.0	On
EW-2004	0.6	0.7	909	6.9	36.8	24.0	On
EW-2005	0.4	0.5	643	9.8	33.6	24.0	On
EW-2006	1.5	1.5	2,173	5.6	28.5	24.0	On
EW-2007	2.3	2.4	3,326	7.6	22.3	24.0	On
EW-2008	0.8	0.8	1,094	3.2	22.4	24.0	On
EW-2009	1.2	1.3	1,681	3.3	22.5	24.0	On
EW-2010	0.0	0.3	281	6.3	21.5	16.0	Off
EW-2011	0.3	0.4	381	8.6	20.1	22.9	On
EW-2012	0.0	0.5	172	13.4	14.4	9.7	Off
EW-2013	0.3	0.4	484	17.5	14.6	24.0	On
EW-2014	1.1	1.7	1,622	13.2	17.9	24.0	On
EW-2015	0.5	0.6	652	11.6	14.2	24.0	On
EW-2016	0.6	0.7	879	10.8	---	23.3	On
EW-2017	1.4	1.5	2,059	12.7	---	24.0	On
EW-2018	0.7	1.0	969	11.7	---	24.0	On
EW-2019	0.0	0.7	251	12.5	---	9.8	Off
EW-2020	0.3	0.5	407	12.0	---	19.9	On
EW-2021	0.4	0.4	358	11.5	---	14.7	On
EW-2022	0.0	0.5	491	12.2	---	21.2	Off
EW-2023	0.4	0.5	565	11.7	---	23.9	On
EW-2024	0.0	0.4	296	11.1	---	16.4	On
EW-2025	0.9	1.2	1,334	10.8	---	24.0	On
EW-2026	0.8	1.0	1,157	9.8	---	24.0	On
EW-2027	0.9	1.1	1,252	9.3	---	24.0	On
EW-2028	0.8	1.0	1,183	9.3	---	24.0	On
EW-2029	0.9	1.1	1,347	8.6	---	24.0	On
EW-2030	1.6	1.7	2,240	10.2	---	24.0	On
EW-2031	1.6	1.7	2,244	11.2	---	24.0	On
EW-2032	0.6	0.8	799	9.5	---	24.0	On
EW-2033	0.6	0.8	861	9.5	---	24.0	On
EW-2034	0.8	0.9	1,094	8.9	24.3	24.0	On
EW-2035	0.0	0.0	0	21.6	-0.3	0.0	Off
EW-2036	0.9	1.5	1,311	13.0	31.2	24.0	On
EW-2037	1.1	5.2	1,504	3.8	34.5	23.3	On
EW-2101	20.0	20.1	28,817	16.6	70.9	24.0	On
EW-2102	14.9	15.7	21,964	17.7	74.8	24.0	On
EW-2103	5.2	5.3	6,949	18.4	36.8	22.7	On
EW-2104	44.9	45.7	61,102	14.0	60.2	22.7	On
EW-3001	0.0	0.0	0	2.7	14.4	0.0	Off
EW-3002	0.4	0.5	583	2.5	13.2	24.0	On
EW-3003	0.0	0.0	0	4.1	13.2	0.0	Off

Daily Log

October 6, 2015 6AM to October 7, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	3.0	3.1	4,381	-2.0	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.1	2,758	-3.6	---	24.0	On
EW-3008	0.5	0.8	757	-0.9	---	24.0	On
EW-3009	0.9	1.1	1,274	-2.0	---	24.0	On
EW-3010	1.3	1.4	1,882	-2.1	---	24.0	On
EW-3011	0.5	0.8	708	0.4	22.7	23.6	On
EW-3012	0.6	0.8	898	-5.0	25.8	24.0	On
EW-3013	1.1	1.2	1,556	-6.4	32.5	24.0	On
EW-3014	0.3	0.4	163	-4.0	43.3	10.6	On
EW-3015	1.3	1.4	1,892	-5.9	55.1	24.0	On
EW-3016	0.8	0.9	1,178	-3.7	67.0	24.0	On
EW-3017	0.4	0.5	367	-6.2	69.0	18.7	On
EW-3018	0.0	0.6	56	-5.0	68.8	2.7	Off
EW-3019	1.0	1.1	1,390	-1.4	69.7	24.0	On
EW-3020	4.1	4.2	5,813	-1.8	44.2	24.0	On
EW-3021	0.4	0.7	516	0.4	27.5	23.9	On
EW-3022	0.8	1.5	1,077	-2.4	34.4	24.0	On
EW-3023	1.7	1.8	2,477	1.1	24.1	24.0	On
EW-3024	0.5	0.5	652	1.6	---	24.0	On
EW-3025	2.1	2.6	3,055	-0.1	36.5	24.0	On
EW-3026	2.6	3.3	3,820	-2.6	37.4	24.0	On
EW-3027	0.0	0.0	0	1.6	---	0.0	Off
EW-4001	2.9	3.4	4,178	-13.9	31.7	24.0	On
EW-4002	2.2	2.5	3,193	-47.1	14.8	24.0	On
EW-4003	2.0	2.2	2,939	-28.4	---	24.0	On
EW-4004	1.7	1.8	2,405	-15.3	15.6	24.0	On
EW-4005	2.1	2.2	2,930	-18.1	---	24.0	On
EW-4006	1.4	2.2	2,062	-51.1	31.7	24.0	On
EW-4007	0.9	1.2	1,378	-1.6	35.5	24.0	On
EW-4008	2.9	3.6	3,994	-11.7	37.5	22.7	On
EW-4009	0.8	0.9	1,180	-19.1	32.9	24.0	On
EW-4010	2.1	2.4	2,824	-1.8	44.8	22.7	On
EW-4011	2.1	2.5	2,815	-16.9	44.0	22.7	On
EW-5001	2.1	2.2	2,949	-21.9	---	24.0	On
EW-5002	0.0	0.0	0	3.8	0.8	0.0	Off
EW Totals	**163.1**		**231,214**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	230.1	168 GPM
FIT-500	200 GPM	216.7	269 GPM
Effluent Temp	97.4 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

October 6, 2015 6AM to October 7, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	8.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 6, 2015 6AM to October 7, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	14.5
Permeate Flow	FIT-642	0 GPM	10.4
Concentrate Flow	FIT-643	0 GPM	3.8

Inlet Conductivity	CIT-630	1,027.2 µS
Outlet Conductivity	CIT-642	309.9 µS
Hours Run		3.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 7, 2015 6AM to October 8, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	2,969	1.8	44.4	24.0	On
EW-2002	1.0	1.0	1,465	6.1	43.8	24.0	On
EW-2003	1.1	1.2	1,697	7.8	41.4	24.0	On
EW-2004	0.6	0.7	898	6.8	36.6	24.0	On
EW-2005	0.5	0.5	623	9.7	33.6	24.0	On
EW-2006	1.4	1.5	2,094	5.6	28.4	24.0	On
EW-2007	2.3	2.3	3,305	7.6	22.2	24.0	On
EW-2008	0.7	0.8	1,080	3.3	22.3	24.0	On
EW-2009	1.2	1.2	1,669	3.3	22.4	24.0	On
EW-2010	0.0	0.3	278	6.5	21.4	15.8	Off
EW-2011	0.3	0.4	381	8.4	19.9	22.5	On
EW-2012	0.0	0.4	172	12.7	14.5	9.7	Off
EW-2013	0.4	0.4	498	17.4	14.6	24.0	On
EW-2014	1.1	1.2	1,616	13.3	18.0	24.0	On
EW-2015	0.5	0.5	643	12.0	14.3	24.0	On
EW-2016	0.7	0.7	884	10.6	---	23.3	On
EW-2017	1.4	1.4	2,053	12.8	---	24.0	On
EW-2018	0.9	0.9	968	11.8	---	24.0	On
EW-2019	0.0	0.6	238	12.9	---	9.2	Off
EW-2020	0.4	0.4	407	11.7	---	19.4	On
EW-2021	0.4	0.4	352	12.8	---	14.4	On
EW-2022	0.5	0.5	490	11.8	---	21.0	On
EW-2023	0.4	0.4	577	11.8	---	24.0	On
EW-2024	0.0	0.4	297	9.7	---	16.2	Off
EW-2025	1.1	1.1	1,334	11.0	---	24.0	On
EW-2026	1.0	1.0	1,155	10.0	---	24.0	On
EW-2027	1.0	1.0	1,249	9.5	---	24.0	On
EW-2028	1.0	1.0	1,180	9.4	---	24.0	On
EW-2029	1.1	1.1	1,345	8.8	---	24.0	On
EW-2030	1.6	1.6	2,236	10.5	---	24.0	On
EW-2031	1.6	1.6	2,233	11.4	---	24.0	On
EW-2032	0.8	0.8	797	9.6	---	24.0	On
EW-2033	0.7	0.8	860	9.7	---	24.0	On
EW-2034	0.7	0.8	1,094	9.0	23.7	24.0	On
EW-2035	0.0	0.0	0	21.6	-0.2	0.0	Off
EW-2036	0.9	0.9	1,281	13.3	31.3	24.0	On
EW-2037	1.1	1.1	1,520	4.0	34.5	24.0	On
EW-2101	18.0	20.1	27,150	16.9	67.9	24.0	On
EW-2102	15.0	15.8	21,908	17.5	72.8	24.0	On
EW-2103	5.1	5.2	7,326	18.5	36.9	24.0	On
EW-2104	44.8	45.0	64,454	14.0	60.5	24.0	On
EW-3001	0.0	0.0	0	2.7	14.5	0.0	Off
EW-3002	0.4	0.4	549	2.5	13.3	24.0	On
EW-3003	0.0	0.0	0	4.1	13.2	0.0	Off

Daily Log

October 7, 2015 6AM to October 8, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	2.0	---	0.0	Off
EW-3005	2.9	3.0	4,211	-1.7	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.0	2,784	-3.5	---	24.0	On
EW-3008	0.8	0.8	764	-0.8	---	24.0	On
EW-3009	1.0	1.0	1,281	-1.8	---	24.0	On
EW-3010	1.3	1.4	1,874	-1.9	---	24.0	On
EW-3011	0.5	0.8	726	0.6	22.2	23.8	On
EW-3012	0.7	0.8	898	-4.9	25.2	24.0	On
EW-3013	1.1	1.3	1,555	-6.1	31.6	24.0	On
EW-3014	0.3	0.4	163	-4.6	41.9	10.6	On
EW-3015	1.2	1.6	1,892	-5.9	53.3	24.0	On
EW-3016	0.7	1.0	1,178	-3.8	64.6	24.0	On
EW-3017	0.3	0.7	365	-6.2	66.4	18.7	On
EW-3018	0.5	0.6	55	-4.4	66.2	2.7	On
EW-3019	1.0	1.2	1,390	-1.3	66.9	24.0	On
EW-3020	4.1	4.2	5,806	-1.8	43.9	24.0	On
EW-3021	0.4	0.4	513	0.6	27.5	24.0	On
EW-3022	0.8	0.8	1,069	-2.3	34.4	24.0	On
EW-3023	1.7	1.8	2,494	1.2	23.6	24.0	On
EW-3024	0.5	0.5	641	2.0	---	24.0	On
EW-3025	2.1	2.1	3,052	-0.2	36.6	24.0	On
EW-3026	2.7	2.7	3,813	-2.6	37.4	24.0	On
EW-3027	0.0	0.0	0	1.6	---	0.0	Off
EW-4001	2.9	3.0	4,160	-14.6	31.8	24.0	On
EW-4002	2.2	2.3	3,188	-46.9	14.8	24.0	On
EW-4003	2.0	2.1	2,895	-28.3	---	24.0	On
EW-4004	1.7	1.7	2,395	-15.2	15.5	24.0	On
EW-4005	2.1	2.1	2,922	-18.0	---	24.0	On
EW-4006	1.4	1.5	2,056	-51.1	31.7	24.0	On
EW-4007	0.9	1.0	1,349	-1.8	35.6	24.0	On
EW-4008	2.9	3.0	4,197	-11.9	37.6	24.0	On
EW-4009	0.8	0.9	1,184	-19.3	31.9	24.0	On
EW-4010	2.0	2.1	2,950	-2.3	44.6	24.0	On
EW-4011	2.1	2.1	2,955	-17.7	43.9	24.0	On
EW-5001	2.1	2.1	2,939	-21.8	---	24.0	On
EW-5002	0.0	0.0	0	3.8	0.8	0.0	Off
EW Totals	**163.5**		**233,042**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	232.1	167 GPM
FIT-500	204 GPM	213.8	269 GPM
Effluent Temp	97.4 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

October 7, 2015 6AM to October 8, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	39 GPM	24.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 7, 2015 6AM to October 8, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	36.3
Permeate Flow	FIT-642	0 GPM	26.3
Concentrate Flow	FIT-643	0 GPM	9.3

Inlet Conductivity	CIT-630	1,017.4 µS
Outlet Conductivity	CIT-642	168.4 µS
Hours Run		5.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 8, 2015 6AM to October 9, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.3	2,946	1.4	39.8	23.4	On
EW-2002	1.0	2.3	1,459	6.0	39.1	23.4	On
EW-2003	1.2	1.2	1,467	8.3	37.1	23.4	On
EW-2004	0.7	4.1	900	6.8	33.3	23.4	On
EW-2005	0.5	0.5	645	9.3	30.7	23.4	On
EW-2006	1.6	3.8	2,168	5.4	26.5	23.4	On
EW-2007	2.3	5.1	3,267	7.4	21.4	23.4	On
EW-2008	0.8	3.4	1,096	3.2	22.3	23.3	On
EW-2009	1.2	4.1	1,676	3.3	22.4	23.3	On
EW-2010	0.3	0.6	295	5.2	21.4	16.5	On
EW-2011	0.3	0.5	377	8.6	19.9	22.0	On
EW-2012	0.0	0.5	175	12.3	14.6	9.8	Off
EW-2013	0.4	0.5	520	17.4	14.7	23.2	On
EW-2014	1.2	5.4	1,606	13.1	18.1	23.3	On
EW-2015	0.5	0.6	630	11.6	14.3	23.4	On
EW-2016	0.6	0.7	851	11.6	---	22.6	On
EW-2017	1.5	4.3	2,034	12.7	---	23.4	On
EW-2018	0.7	7.7	955	11.6	---	23.4	On
EW-2019	0.5	0.6	234	12.6	---	9.1	On
EW-2020	0.4	0.4	401	10.7	---	19.1	On
EW-2021	0.4	0.4	351	11.7	---	14.3	On
EW-2022	0.0	0.5	481	11.3	---	20.6	Off
EW-2023	0.4	0.5	555	11.7	---	23.4	On
EW-2024	0.0	0.4	293	10.5	---	16.0	Off
EW-2025	1.0	7.4	1,337	10.8	---	23.3	On
EW-2026	0.8	7.4	1,149	9.8	---	23.4	On
EW-2027	0.9	7.3	1,242	9.3	---	23.4	On
EW-2028	0.8	7.3	1,167	9.3	---	23.4	On
EW-2029	0.9	7.4	1,328	8.6	---	23.4	On
EW-2030	1.6	7.4	2,216	10.3	---	23.4	On
EW-2031	1.6	7.6	2,222	11.2	---	23.4	On
EW-2032	0.6	7.1	790	9.5	---	23.4	On
EW-2033	0.6	2.8	848	9.5	---	23.4	On
EW-2034	0.8	4.4	1,086	8.9	23.4	23.4	On
EW-2035	0.0	0.0	0	21.7	-0.2	0.0	Off
EW-2036	1.0	3.9	1,307	13.1	31.7	23.3	On
EW-2037	1.1	6.0	1,522	3.9	34.8	23.3	On
EW-2101	18.0	18.4	25,244	16.9	68.6	23.4	On
EW-2102	14.9	16.5	21,063	17.6	73.4	23.4	On
EW-2103	5.2	5.4	7,132	18.5	37.0	23.3	On
EW-2104	44.6	46.0	62,473	14.0	60.7	23.3	On
EW-3001	0.0	0.5	4	2.5	14.5	0.2	Off
EW-3002	0.5	0.5	612	2.0	13.3	23.3	On
EW-3003	0.0	2.1	7	3.8	13.5	0.4	Off

Daily Log

October 8, 2015 6AM to October 9, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	9	1.7	---	0.4	Off
EW-3005	2.8	3.0	3,950	-1.8	---	23.3	On
EW-3006	0.0	0.5	7	0.4	---	0.3	Off
EW-3007	1.9	5.9	2,736	-3.6	---	23.3	On
EW-3008	0.6	7.2	801	-0.9	---	23.3	On
EW-3009	0.9	6.8	1,324	-2.0	---	23.3	On
EW-3010	1.4	5.8	1,929	-2.1	---	23.3	On
EW-3011	0.6	0.8	703	0.1	21.7	22.1	On
EW-3012	0.6	5.7	892	-5.2	24.7	23.3	On
EW-3013	1.1	5.3	1,545	-6.5	30.9	23.3	On
EW-3014	0.0	0.5	167	-3.8	41.0	10.6	On
EW-3015	1.3	4.0	1,868	-6.1	53.5	23.3	On
EW-3016	0.8	2.1	1,160	-3.8	65.1	23.3	On
EW-3017	0.3	0.5	362	-7.1	67.0	18.4	On
EW-3018	0.0	0.6	56	-4.3	66.8	2.7	Off
EW-3019	1.0	2.8	1,378	-1.6	67.8	23.3	On
EW-3020	3.0	5.3	5,421	3.6	39.0	23.3	On
EW-3021	0.4	0.5	510	0.1	27.9	23.2	On
EW-3022	0.8	5.2	1,114	-2.5	35.4	23.3	On
EW-3023	1.7	5.4	2,429	1.1	23.1	23.3	On
EW-3024	0.5	0.5	630	1.5	---	23.3	On
EW-3025	2.2	2.6	3,021	-0.5	37.7	23.3	On
EW-3026	2.7	4.7	3,859	-2.9	38.5	23.3	On
EW-3027	0.4	0.7	510	0.8	---	19.4	On
EW-4001	2.9	3.2	4,015	-13.6	32.1	23.2	On
EW-4002	2.2	6.7	3,156	-47.2	14.9	23.2	On
EW-4003	2.0	3.4	2,705	-26.7	---	23.2	On
EW-4004	1.6	1.7	2,166	-13.5	15.2	23.2	On
EW-4005	1.9	2.1	2,681	-15.6	---	23.2	On
EW-4006	1.4	5.5	2,037	-51.0	32.5	23.2	On
EW-4007	1.1	1.1	1,473	-2.2	36.6	23.2	On
EW-4008	2.9	3.0	4,056	-11.6	37.7	23.2	On
EW-4009	0.9	0.9	1,136	-19.4	31.5	23.2	On
EW-4010	2.1	2.1	2,873	-1.2	45.3	23.2	On
EW-4011	2.0	2.2	2,866	-15.0	44.4	23.2	On
EW-5001	1.9	2.1	2,698	-20.1	---	23.2	On
EW-5002	0.0	0.0	0	4.0	0.8	0.0	Off
EW Totals	**161.3**		**226,373**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	225.4	200 GPM
FIT-500	0 GPM	215.9	269 GPM
Effluent Temp	96.8 °F		
Effluent pH	6.3		

Recharge and Injection Daily Report

October 8, 2015 6AM to October 9, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	11.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 8, 2015 6AM to October 9, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	20.5
Permeate Flow	FIT-642	0 GPM	14.9
Concentrate Flow	FIT-643	0 GPM	5.3

Inlet Conductivity	CIT-630	1,034.4 µS
Outlet Conductivity	CIT-642	160.0 µS
Hours Run		3.6 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	96.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 9, 2015 6AM to October 10, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.3	3,051	1.7	43.0	23.9	On
EW-2002	1.0	2.3	1,484	5.9	42.3	23.9	On
EW-2003	0.9	1.3	1,659	8.8	40.0	23.9	On
EW-2004	0.6	4.1	914	6.8	35.5	23.9	On
EW-2005	0.5	0.5	609	9.1	32.5	23.9	On
EW-2006	1.6	3.9	2,238	5.4	27.6	23.9	On
EW-2007	2.3	5.1	3,322	7.5	21.8	23.9	On
EW-2008	0.8	3.4	1,112	3.2	22.1	23.9	On
EW-2009	1.2	4.0	1,715	3.5	22.2	23.9	On
EW-2010	0.0	0.6	289	5.2	21.2	16.3	Off
EW-2011	0.4	0.6	385	8.9	19.7	22.7	On
EW-2012	0.0	0.4	172	12.5	14.5	9.7	Off
EW-2013	0.4	0.5	504	17.0	14.7	23.6	On
EW-2014	1.2	5.0	1,660	13.1	18.1	23.9	On
EW-2015	0.5	0.6	644	11.8	14.3	23.8	On
EW-2016	0.7	0.7	874	10.0	---	23.3	On
EW-2017	1.4	4.2	2,078	12.7	---	23.9	On
EW-2018	0.7	3.8	969	11.6	---	23.9	On
EW-2019	0.0	0.7	252	13.2	---	9.8	Off
EW-2020	0.0	0.5	404	12.2	---	19.5	On
EW-2021	0.0	0.5	348	14.0	---	14.3	Off
EW-2022	0.3	0.5	486	13.0	---	21.0	On
EW-2023	0.4	0.5	575	11.7	---	23.8	On
EW-2024	0.3	0.4	296	9.6	---	16.3	On
EW-2025	1.0	4.7	1,360	10.8	---	23.9	On
EW-2026	0.8	4.5	1,164	9.8	---	23.9	On
EW-2027	0.9	4.9	1,260	9.3	---	23.9	On
EW-2028	0.8	4.4	1,186	9.3	---	23.9	On
EW-2029	0.9	5.4	1,352	8.6	---	23.9	On
EW-2030	1.6	7.3	2,266	10.3	---	23.9	On
EW-2031	1.6	7.6	2,277	11.1	---	23.9	On
EW-2032	0.6	3.0	800	9.5	---	23.9	On
EW-2033	0.6	2.5	859	9.5	---	23.9	On
EW-2034	0.8	4.2	1,104	8.8	23.4	23.9	On
EW-2035	0.0	0.0	0	21.7	-0.3	0.0	Off
EW-2036	0.9	4.0	1,344	13.3	31.7	23.9	On
EW-2037	1.1	5.8	1,564	3.9	35.1	23.9	On
EW-2101	18.0	22.1	19,919	17.0	69.1	23.9	On
EW-2102	14.9	18.1	16,644	17.4	73.2	23.9	On
EW-2103	5.2	11.0	7,311	18.5	37.2	23.9	On
EW-2104	44.5	45.7	47,105	14.2	60.6	23.9	On
EW-3001	0.0	0.0	0	2.6	14.6	0.0	Off
EW-3002	0.5	0.5	603	2.1	13.3	23.9	On
EW-3003	0.0	0.0	0	3.8	13.5	0.0	Off

Daily Log

October 9, 2015 6AM to October 10, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	2.6	2.8	3,887	-1.6	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	5.6	2,762	-3.7	---	23.8	On
EW-3008	0.6	4.6	813	-0.9	---	23.9	On
EW-3009	0.9	5.9	1,346	-2.0	---	23.9	On
EW-3010	1.4	5.8	1,948	-2.2	---	23.9	On
EW-3011	0.5	0.9	665	0.1	21.8	22.5	On
EW-3012	0.6	5.5	901	-5.1	24.8	23.9	On
EW-3013	1.1	5.2	1,560	-6.4	31.1	23.9	On
EW-3014	0.0	0.5	165	-3.8	41.3	10.5	Off
EW-3015	1.3	5.3	1,892	-6.0	53.7	23.8	On
EW-3016	0.8	2.6	1,176	-3.7	65.3	23.9	On
EW-3017	0.4	1.2	363	-6.5	67.6	18.4	On
EW-3018	0.4	0.9	57	-4.5	67.8	2.7	On
EW-3019	1.0	2.6	1,437	-1.3	68.3	23.9	On
EW-3020	3.8	5.1	4,462	-0.4	42.4	23.9	On
EW-3021	0.4	0.7	515	0.3	28.0	23.8	On
EW-3022	0.8	5.1	1,109	-2.5	35.6	23.9	On
EW-3023	1.7	5.2	2,472	1.0	23.2	23.9	On
EW-3024	0.5	0.5	647	1.6	---	23.9	On
EW-3025	2.2	2.4	3,009	-0.5	37.8	23.9	On
EW-3026	2.8	4.5	3,866	-2.9	38.7	23.9	On
EW-3027	0.4	0.7	629	0.9	---	23.9	On
EW-4001	2.9	3.4	4,256	-13.6	32.2	23.9	On
EW-4002	2.2	6.3	3,200	-47.2	14.9	23.9	On
EW-4003	1.9	2.5	2,829	-26.1	---	23.9	On
EW-4004	1.5	1.8	2,271	-13.1	15.3	23.9	On
EW-4005	1.9	2.1	2,792	-15.3	---	23.9	On
EW-4006	1.4	4.6	2,047	-51.1	32.7	23.9	On
EW-4007	1.1	1.2	1,401	-2.0	36.8	23.9	On
EW-4008	3.0	3.6	4,237	-11.3	37.8	23.9	On
EW-4009	0.8	1.2	1,193	-17.8	31.5	23.9	On
EW-4010	2.1	2.2	3,037	-1.2	45.6	23.9	On
EW-4011	2.0	2.4	3,067	-17.2	44.9	23.9	On
EW-5001	1.9	2.2	2,826	-19.8	---	23.9	On
EW-5002	0.0	0.0	0	4.0	0.9	0.0	Off
EW Totals	**160.8**		**202,994**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	202.3	188 GPM
FIT-500	201 GPM	182.8	268 GPM
Effluent Temp	97.5 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

October 9, 2015 6AM to October 10, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	14.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 9, 2015 6AM to October 10, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	23.0
Permeate Flow	FIT-642	0 GPM	16.6
Concentrate Flow	FIT-643	0 GPM	6.0

Inlet Conductivity	CIT-630	1,054.7 µS
Outlet Conductivity	CIT-642	163.8 µS
Hours Run		3.9 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 10, 2015 6AM to October 11, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	3,042	1.4	41.1	24.0	On
EW-2002	1.0	1.1	1,475	6.1	40.5	24.0	On
EW-2003	1.0	1.0	1,392	9.0	38.4	24.0	On
EW-2004	0.6	0.7	917	6.7	34.3	24.0	On
EW-2005	0.5	0.5	669	9.1	31.5	24.0	On
EW-2006	1.5	1.6	2,209	5.5	26.8	24.0	On
EW-2007	2.3	2.3	3,317	7.4	21.3	24.0	On
EW-2008	0.8	0.8	1,099	3.2	21.7	24.0	On
EW-2009	1.2	1.3	1,697	3.2	21.8	24.0	On
EW-2010	0.0	0.3	278	6.6	20.8	15.9	On
EW-2011	0.3	0.4	385	8.0	19.4	23.0	On
EW-2012	0.0	0.4	172	12.6	14.5	9.6	Off
EW-2013	0.4	0.4	518	17.5	14.7	24.0	On
EW-2014	1.2	1.2	1,656	13.2	18.1	24.0	On
EW-2015	0.5	0.5	636	11.7	14.3	24.0	On
EW-2016	0.7	0.7	891	10.2	---	23.5	On
EW-2017	1.4	1.4	2,046	12.7	---	24.0	On
EW-2018	0.7	0.9	968	11.6	---	24.0	On
EW-2019	0.0	0.7	246	13.2	---	9.6	Off
EW-2020	0.4	0.4	406	10.9	---	19.2	On
EW-2021	0.4	0.4	352	12.5	---	14.3	On
EW-2022	0.4	0.5	490	12.4	---	21.1	On
EW-2023	0.4	0.4	574	11.6	---	24.0	On
EW-2024	0.0	0.4	294	10.5	---	16.0	Off
EW-2025	0.9	1.1	1,357	10.8	---	24.0	On
EW-2026	0.8	1.0	1,159	9.8	---	24.0	On
EW-2027	0.9	1.1	1,256	9.3	---	24.0	On
EW-2028	0.8	1.0	1,184	9.3	---	24.0	On
EW-2029	0.9	1.1	1,351	8.6	---	24.0	On
EW-2030	1.6	1.7	2,263	10.3	---	24.0	On
EW-2031	1.6	1.7	2,264	11.2	---	24.0	On
EW-2032	0.5	0.8	798	9.5	---	24.0	On
EW-2033	0.6	0.8	860	9.5	---	24.0	On
EW-2034	0.8	0.8	1,097	8.9	23.0	24.0	On
EW-2035	0.0	0.0	0	21.7	-0.4	0.0	Off
EW-2036	0.9	0.9	1,317	13.3	31.7	24.0	On
EW-2037	1.1	1.1	1,544	4.0	35.2	24.0	On
EW-2101	18.0	18.1	25,938	16.9	69.2	24.0	On
EW-2102	14.7	15.2	21,236	17.2	74.0	24.0	On
EW-2103	5.2	5.2	7,319	18.5	37.1	24.0	On
EW-2104	44.4	44.8	63,990	14.1	60.3	24.0	On
EW-3001	0.0	0.0	0	2.5	14.6	0.0	Off
EW-3002	0.5	0.5	640	2.0	13.3	24.0	On
EW-3003	0.0	0.0	0	3.8	13.5	0.0	Off

Daily Log

October 10, 2015 6AM to October 11, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	2.5	2.6	3,730	-1.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.0	2,762	-3.6	---	24.0	On
EW-3008	0.6	0.9	806	-0.9	---	24.0	On
EW-3009	1.0	1.1	1,343	-2.0	---	24.0	On
EW-3010	1.4	1.4	1,921	-2.1	---	24.0	On
EW-3011	0.5	0.8	775	0.6	21.5	23.8	On
EW-3012	0.7	0.8	895	-5.2	24.5	24.0	On
EW-3013	1.1	1.2	1,553	-6.3	30.7	24.0	On
EW-3014	0.0	0.4	166	-3.8	41.0	10.8	On
EW-3015	1.3	1.5	1,888	-6.0	54.0	24.0	On
EW-3016	0.8	0.9	1,172	-4.0	65.7	24.0	On
EW-3017	0.3	0.5	360	-5.3	67.6	18.5	On
EW-3018	0.0	0.6	57	-4.6	67.4	2.7	Off
EW-3019	1.0	1.2	1,420	-1.4	68.2	24.0	On
EW-3020	3.4	3.9	5,040	1.7	40.5	24.0	On
EW-3021	0.4	0.4	515	0.2	28.0	24.0	On
EW-3022	0.8	0.8	1,108	-2.5	35.4	24.0	On
EW-3023	1.7	1.8	2,451	1.1	22.8	24.0	On
EW-3024	0.5	0.5	637	1.6	---	24.0	On
EW-3025	2.2	2.2	3,108	-0.5	37.7	24.0	On
EW-3026	2.8	2.8	3,957	-2.9	38.5	24.0	On
EW-3027	0.4	0.5	618	1.0	---	24.0	On
EW-4001	2.9	3.0	4,154	-14.2	32.2	24.0	On
EW-4002	2.3	2.4	3,196	-47.2	14.9	24.0	On
EW-4003	2.0	2.0	2,780	-26.8	---	24.0	On
EW-4004	1.6	1.6	2,199	-13.6	15.1	24.0	On
EW-4005	1.9	2.0	2,740	-16.0	---	24.0	On
EW-4006	1.4	1.4	2,037	-50.9	32.6	24.0	On
EW-4007	1.1	1.1	1,541	-2.1	36.6	24.0	On
EW-4008	2.9	3.0	4,189	-11.9	37.9	24.0	On
EW-4009	0.8	0.9	1,174	-19.5	31.2	24.0	On
EW-4010	2.1	2.1	3,022	-1.7	45.8	24.0	On
EW-4011	2.1	2.2	3,021	-17.7	45.1	24.0	On
EW-5001	1.9	2.0	2,754	-20.0	---	24.0	On
EW-5002	0.0	0.0	0	4.0	0.9	0.0	Off
EW Totals	**160.3**		**230,391**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	229.3	165 GPM
FIT-500	203 GPM	219.7	270 GPM
Effluent Temp	99.0 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

October 10, 2015 6AM to October 11, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	17.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 10, 2015 6AM to October 11, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	26.9
Permeate Flow	FIT-642	0 GPM	19.4
Concentrate Flow	FIT-643	0 GPM	7.0

Inlet Conductivity	CIT-630	1,050.6 µS
Outlet Conductivity	CIT-642	154.0 µS
Hours Run		4.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 11, 2015 6AM to October 12, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.4	3,006	1.4	41.1	23.9	On
EW-2002	1.0	2.4	1,469	6.0	40.5	23.9	On
EW-2003	0.9	1.2	1,329	9.3	38.4	23.9	On
EW-2004	0.6	4.1	903	6.8	34.3	23.9	On
EW-2005	0.5	0.6	683	8.9	31.5	23.9	On
EW-2006	1.5	4.0	2,189	5.5	26.8	23.9	On
EW-2007	2.3	5.2	3,293	7.4	21.3	23.9	On
EW-2008	0.7	3.4	1,081	3.1	22.0	23.9	On
EW-2009	1.2	4.1	1,677	3.4	22.1	23.9	On
EW-2010	0.3	0.6	278	5.3	21.2	15.9	On
EW-2011	0.3	0.6	378	8.5	19.7	22.6	On
EW-2012	0.3	0.6	171	12.3	14.9	9.6	On
EW-2013	0.3	0.6	511	17.5	15.0	23.8	On
EW-2014	1.1	5.3	1,610	13.1	18.1	23.9	On
EW-2015	0.5	0.6	652	11.5	14.3	23.9	On
EW-2016	0.6	0.8	873	10.0	---	23.3	On
EW-2017	1.4	4.2	2,063	12.7	---	23.9	On
EW-2018	0.6	4.7	971	11.8	---	23.9	On
EW-2019	0.5	0.7	242	12.9	---	9.5	On
EW-2020	0.3	0.6	406	10.3	---	19.6	On
EW-2021	0.4	0.5	350	12.9	---	14.3	On
EW-2022	0.4	0.6	487	11.9	---	21.2	On
EW-2023	0.4	0.6	585	11.4	---	23.9	On
EW-2024	0.3	0.5	294	9.8	---	16.5	On
EW-2025	0.9	5.5	1,356	10.8	---	23.9	On
EW-2026	0.8	5.4	1,160	9.8	---	23.9	On
EW-2027	0.9	5.8	1,255	9.3	---	23.9	On
EW-2028	0.8	5.3	1,185	9.3	---	23.9	On
EW-2029	0.9	6.2	1,350	8.6	---	23.9	On
EW-2030	1.6	7.3	2,261	10.2	---	23.9	On
EW-2031	1.6	7.6	2,254	11.2	---	23.9	On
EW-2032	0.6	3.8	798	9.6	---	23.9	On
EW-2033	0.6	2.8	861	9.5	---	23.9	On
EW-2034	0.8	4.4	1,093	8.8	23.3	23.9	On
EW-2035	0.0	0.0	0	21.7	-0.3	0.0	Off
EW-2036	0.9	4.2	1,293	13.1	31.7	23.9	On
EW-2037	1.1	6.2	1,528	3.8	35.0	23.9	On
EW-2101	19.9	20.2	28,556	16.6	74.1	23.9	On
EW-2102	13.4	16.2	19,481	17.4	77.3	23.9	On
EW-2103	5.2	12.0	7,333	18.5	37.1	23.9	On
EW-2104	44.4	45.6	63,526	14.1	60.5	23.9	On
EW-3001	0.0	0.0	0	2.5	14.8	0.0	Off
EW-3002	0.5	0.5	655	2.1	13.5	23.9	On
EW-3003	0.0	0.0	0	3.8	13.6	0.0	Off

Daily Log

October 11, 2015 6AM to October 12, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	2.4	2.5	3,495	-1.1	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	5.6	2,777	-3.6	---	23.4	On
EW-3008	0.6	5.2	820	-0.9	---	23.9	On
EW-3009	0.9	6.4	1,358	-2.0	---	23.9	On
EW-3010	1.4	5.8	1,940	-2.2	---	23.9	On
EW-3011	0.5	0.8	743	0.5	21.7	23.5	On
EW-3012	0.6	5.7	897	-4.9	24.9	23.9	On
EW-3013	1.1	5.3	1,552	-6.2	31.4	23.9	On
EW-3014	0.0	0.5	165	-4.4	42.2	10.7	Off
EW-3015	1.3	4.3	1,886	-6.1	56.7	23.9	On
EW-3016	0.8	2.2	1,167	-3.9	69.5	23.9	On
EW-3017	0.3	0.5	361	-6.7	72.1	18.3	On
EW-3018	0.0	0.6	57	-4.5	71.9	2.8	Off
EW-3019	1.0	3.1	1,410	-1.7	72.7	23.9	On
EW-3020	3.4	4.7	4,995	1.8	40.5	23.9	On
EW-3021	0.4	0.5	532	0.0	27.9	23.8	On
EW-3022	0.8	5.3	1,113	-2.6	35.3	23.9	On
EW-3023	1.7	5.2	2,473	1.1	23.1	23.9	On
EW-3024	0.5	0.5	644	1.6	---	23.9	On
EW-3025	2.2	2.5	3,096	-0.4	37.6	23.9	On
EW-3026	2.7	4.7	3,884	-2.7	38.4	23.9	On
EW-3027	0.4	0.8	625	1.0	---	23.9	On
EW-4001	2.9	3.3	4,132	-14.6	32.2	23.8	On
EW-4002	2.2	6.3	3,189	-47.1	15.0	23.8	On
EW-4003	2.0	2.4	2,767	-27.1	---	23.8	On
EW-4004	1.6	1.6	2,199	-13.8	15.2	23.8	On
EW-4005	1.9	1.9	2,726	-16.3	---	23.8	On
EW-4006	1.4	4.9	2,024	-51.1	32.4	23.8	On
EW-4007	1.1	1.2	1,545	-2.3	36.5	23.8	On
EW-4008	2.9	3.0	4,158	-12.5	37.8	23.8	On
EW-4009	0.9	0.9	1,167	-19.7	31.7	23.8	On
EW-4010	2.0	2.2	2,941	-1.9	45.1	23.8	On
EW-4011	2.1	2.1	2,939	-18.0	44.4	23.8	On
EW-5001	1.9	2.0	2,747	-20.1	---	23.8	On
EW-5002	0.0	0.0	0	4.0	0.9	0.0	Off
EW Totals	**161.2**		**229,966**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	228.8	174 GPM
FIT-500	168 GPM	211.6	270 GPM
Effluent Temp	97.2 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

October 11, 2015 6AM to October 12, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	36 GPM	0.0
RC-7003	FIT-665	39 GPM	20.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 11, 2015 6AM to October 12, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	28.6
Permeate Flow	FIT-642	0 GPM	20.7
Concentrate Flow	FIT-643	0 GPM	7.4

Inlet Conductivity	CIT-630	1,037.0 µS
Outlet Conductivity	CIT-642	162.3 µS
Hours Run		4.7 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 12, 2015 6AM to October 13, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.9	2,981	1.4	43.7	24.0	On
EW-2002	1.0	3.4	1,422	6.2	43.1	23.9	On
EW-2003	0.8	1.7	1,246	9.2	40.8	23.9	On
EW-2004	0.6	1.3	886	6.8	36.1	24.0	On
EW-2005	0.6	2.9	807	7.2	33.1	24.0	On
EW-2006	1.4	1.8	2,128	5.6	28.3	24.0	On
EW-2007	2.2	2.4	3,236	7.6	22.5	24.0	On
EW-2008	0.7	0.8	1,070	3.1	22.6	24.0	On
EW-2009	1.1	1.3	1,669	3.4	22.7	24.0	On
EW-2010	0.0	0.3	275	5.3	21.8	15.7	Off
EW-2011	0.4	0.4	376	8.9	20.3	19.5	On
EW-2012	0.0	4.2	175	12.4	15.3	9.5	Off
EW-2013	0.3	0.5	504	17.4	15.4	23.7	On
EW-2014	1.1	1.7	1,609	13.1	19.2	24.0	On
EW-2015	0.3	0.6	635	11.8	15.3	23.8	On
EW-2016	0.5	0.7	874	10.1	---	23.2	On
EW-2017	1.4	1.5	2,057	12.7	---	24.0	On
EW-2018	0.4	1.0	974	11.9	---	24.0	On
EW-2019	0.5	0.7	239	11.8	---	9.3	On
EW-2020	0.3	0.5	404	10.4	---	19.5	On
EW-2021	0.3	0.5	354	12.3	---	17.0	On
EW-2022	0.3	0.5	487	11.8	---	21.0	On
EW-2023	0.3	0.5	588	11.6	---	24.0	On
EW-2024	0.0	0.4	292	10.9	---	16.2	Off
EW-2025	0.7	1.2	1,353	11.0	---	24.0	On
EW-2026	0.6	1.0	1,158	10.0	---	24.0	On
EW-2027	0.6	1.1	1,250	9.6	---	24.0	On
EW-2028	0.6	1.0	1,181	9.6	---	24.0	On
EW-2029	0.7	1.1	1,347	8.9	---	24.0	On
EW-2030	1.4	1.7	2,254	10.4	---	24.0	On
EW-2031	1.4	1.7	2,242	11.3	---	24.0	On
EW-2032	0.3	0.8	797	9.8	---	24.0	On
EW-2033	0.4	0.8	861	9.7	---	24.0	On
EW-2034	0.7	1.0	1,082	9.0	23.9	24.0	On
EW-2035	0.0	0.0	0	21.6	-0.3	0.0	Off
EW-2036	0.9	1.5	1,260	13.2	33.1	24.0	On
EW-2037	1.0	1.9	1,514	3.9	36.6	24.0	On
EW-2101	19.0	20.4	27,011	16.7	74.4	23.9	On
EW-2102	14.2	19.6	20,541	17.9	78.4	23.9	On
EW-2103	4.8	11.0	7,318	18.4	39.3	23.9	On
EW-2104	46.0	46.8	65,324	13.9	65.4	23.9	On
EW-3001	0.0	0.0	0	2.7	15.3	0.0	Off
EW-3002	0.3	0.5	602	2.4	14.1	24.0	On
EW-3003	0.0	0.0	0	4.0	14.3	0.0	Off

Daily Log

October 12, 2015 6AM to October 13, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	2.0	---	0.0	Off
EW-3005	2.3	2.4	3,371	-0.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.1	2,813	-3.5	---	24.0	On
EW-3008	0.4	0.9	823	-0.5	---	24.0	On
EW-3009	0.8	1.1	1,364	-1.8	---	24.0	On
EW-3010	1.3	1.5	1,958	-2.0	---	24.0	On
EW-3011	0.5	0.8	701	0.4	22.4	23.4	On
EW-3012	0.5	1.1	901	-5.0	25.6	24.0	On
EW-3013	1.0	1.6	1,551	-6.2	32.3	24.0	On
EW-3014	0.3	0.6	164	-4.2	43.2	10.6	On
EW-3015	1.3	2.3	1,887	-6.1	57.4	24.0	On
EW-3016	0.8	1.7	1,163	-3.8	70.3	24.0	On
EW-3017	0.3	0.9	358	-6.8	72.6	18.6	On
EW-3018	0.0	0.6	56	-4.2	72.3	3.2	Off
EW-3019	1.0	2.1	1,392	-1.6	73.2	24.0	On
EW-3020	4.1	6.3	5,572	-1.7	43.2	23.9	On
EW-3021	0.3	0.7	515	0.3	28.6	23.9	On
EW-3022	0.7	1.5	1,099	-2.4	35.4	24.0	On
EW-3023	1.6	2.3	2,438	1.2	23.9	24.0	On
EW-3024	0.3	0.5	651	1.8	---	24.0	On
EW-3025	2.1	2.5	3,029	-0.1	37.6	24.0	On
EW-3026	2.7	3.1	3,867	-2.6	38.4	24.0	On
EW-3027	0.4	0.5	626	1.1	---	24.0	On
EW-4001	2.9	3.4	4,167	-14.5	33.6	24.0	On
EW-4002	2.1	2.5	3,183	-47.1	15.5	24.0	On
EW-4003	1.8	2.1	2,803	-27.2	---	24.0	On
EW-4004	1.5	1.8	2,311	-14.6	16.1	24.0	On
EW-4005	1.8	2.0	2,765	-16.4	---	24.0	On
EW-4006	1.4	2.2	2,003	-50.9	32.8	24.0	On
EW-4007	0.9	1.2	1,411	-1.6	36.5	24.0	On
EW-4008	2.9	3.6	4,201	-12.9	39.9	24.0	On
EW-4009	0.7	1.1	1,167	-19.2	32.5	24.0	On
EW-4010	2.1	2.3	3,000	-2.0	47.2	23.9	On
EW-4011	2.1	2.4	2,949	-18.1	46.4	24.0	On
EW-5001	1.8	2.1	2,786	-20.1	---	24.0	On
EW-5002	0.0	0.0	0	4.0	0.9	0.0	Off
EW Totals	**156.6**		**231,431**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	230.6	166 GPM
FIT-500	201 GPM	203.1	269 GPM
Effluent Temp	97.5 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

October 12, 2015 6AM to October 13, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	23.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 12, 2015 6AM to October 13, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	97 GPM	34.7
Permeate Flow	FIT-642	71 GPM	25.1
Concentrate Flow	FIT-643	25 GPM	9.0

Inlet Conductivity	CIT-630	1,046.9 µS
Outlet Conductivity	CIT-642	27.8 µS
Hours Run		5.1 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	97.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 13, 2015 6AM to October 14, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,965	1.8	43.3	24.0	On
EW-2002	1.0	1.0	1,404	6.2	42.8	24.0	On
EW-2003	0.9	1.0	1,228	9.1	40.5	24.0	On
EW-2004	0.6	0.7	863	6.8	35.8	24.0	On
EW-2005	0.6	0.7	841	7.3	32.9	24.0	On
EW-2006	1.4	1.5	2,081	5.6	27.9	24.0	On
EW-2007	2.2	2.3	3,209	7.7	21.9	24.0	On
EW-2008	0.7	0.8	1,066	3.0	22.4	24.0	On
EW-2009	1.1	1.2	1,664	3.3	22.5	24.0	On
EW-2010	0.3	0.4	272	6.3	21.6	15.4	On
EW-2011	0.3	0.5	374	9.4	20.1	18.3	On
EW-2012	0.3	0.4	177	12.5	14.9	9.6	On
EW-2013	0.3	0.5	496	19.1	15.1	23.2	On
EW-2014	1.1	1.7	1,609	13.1	18.6	24.0	On
EW-2015	0.5	0.6	635	11.7	14.6	24.0	On
EW-2016	0.7	0.7	913	10.1	---	23.9	On
EW-2017	1.5	1.5	2,069	12.6	---	24.0	On
EW-2018	0.7	1.0	980	11.6	---	24.0	On
EW-2019	0.0	0.7	242	13.0	---	9.3	Off
EW-2020	0.0	0.5	408	10.6	---	19.2	Off
EW-2021	0.3	0.4	358	13.8	---	18.6	On
EW-2022	0.3	0.5	497	13.1	---	21.0	On
EW-2023	0.4	0.5	587	11.4	---	23.9	On
EW-2024	0.3	0.4	295	10.4	---	16.0	On
EW-2025	0.9	1.1	1,356	10.8	---	24.0	On
EW-2026	0.8	1.0	1,158	9.8	---	24.0	On
EW-2027	0.9	1.1	1,248	9.4	---	24.0	On
EW-2028	0.8	1.1	1,181	9.3	---	24.0	On
EW-2029	0.9	1.1	1,347	8.6	---	24.0	On
EW-2030	1.6	1.7	2,247	10.2	---	24.0	On
EW-2031	1.6	1.7	2,230	11.1	---	24.0	On
EW-2032	0.5	0.8	796	9.6	---	24.0	On
EW-2033	0.6	0.8	859	9.5	---	24.0	On
EW-2034	0.7	1.2	1,074	9.1	23.6	24.0	On
EW-2035	0.0	0.0	0	21.6	-0.3	0.0	Off
EW-2036	0.9	1.2	1,254	13.1	32.6	24.0	On
EW-2037	1.1	2.4	1,512	3.9	36.2	24.0	On
EW-2101	19.9	20.3	25,570	16.8	76.3	24.0	On
EW-2102	13.8	19.1	18,849	18.0	79.7	24.0	On
EW-2103	5.2	11.2	7,312	18.4	39.0	24.0	On
EW-2104	46.1	47.6	63,603	14.0	65.5	24.0	On
EW-3001	0.0	0.5	12	2.9	14.9	0.8	Off
EW-3002	0.4	0.5	583	2.5	13.6	24.0	On
EW-3003	0.0	0.0	0	4.2	13.7	0.0	Off

Daily Log

October 13, 2015 6AM to October 14, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	2.1	---	0.0	Off
EW-3005	2.1	2.4	3,055	0.0	---	23.5	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.3	2,876	-3.7	---	24.0	On
EW-3008	0.6	0.9	839	-0.9	---	24.0	On
EW-3009	1.0	1.2	1,387	-2.0	---	24.0	On
EW-3010	1.4	1.6	1,983	-2.2	---	24.0	On
EW-3011	0.5	0.8	745	0.4	22.1	23.6	On
EW-3012	0.6	1.3	898	-5.2	25.4	24.0	On
EW-3013	1.1	2.1	1,550	-6.5	32.2	24.0	On
EW-3014	0.0	0.8	167	-4.2	43.6	10.7	Off
EW-3015	1.3	2.6	1,887	-6.3	58.4	24.0	On
EW-3016	0.8	1.8	1,158	-3.9	71.5	24.0	On
EW-3017	0.3	0.9	357	-7.2	74.2	18.5	On
EW-3018	0.0	0.7	57	-4.4	73.9	3.5	Off
EW-3019	1.0	2.2	1,375	-1.7	74.7	24.0	On
EW-3020	4.0	4.1	5,881	-1.5	42.9	24.0	On
EW-3021	0.4	0.7	506	0.4	28.8	23.8	On
EW-3022	0.8	1.6	1,115	-2.6	36.4	24.0	On
EW-3023	1.7	2.2	2,470	1.2	23.6	24.0	On
EW-3024	0.5	0.5	636	1.7	---	24.0	On
EW-3025	2.2	2.5	3,094	-0.5	38.7	24.0	On
EW-3026	2.7	3.1	3,878	-2.9	39.6	24.0	On
EW-3027	0.4	0.5	619	1.2	---	24.0	On
EW-4001	2.8	3.1	3,606	-12.2	33.3	20.8	On
EW-4002	2.3	6.9	2,825	-47.0	15.4	20.8	On
EW-4003	1.9	3.0	2,418	-23.2	---	20.8	On
EW-4004	1.5	1.7	1,998	-11.4	15.4	20.8	On
EW-4005	1.9	2.0	2,384	-13.6	---	20.8	On
EW-4006	1.5	6.2	1,808	-51.1	33.5	20.8	On
EW-4007	1.0	1.1	1,196	-0.8	37.6	20.8	On
EW-4008	2.9	3.0	3,642	-10.6	39.5	20.8	On
EW-4009	0.7	0.9	1,016	-14.1	32.4	20.8	On
EW-4010	2.1	2.1	2,595	-1.0	46.6	20.8	On
EW-4011	2.0	2.1	2,570	-16.3	45.7	20.8	On
EW-5001	1.9	2.0	2,399	-17.2	---	20.8	On
EW-5002	0.0	0.0	0	4.3	0.9	0.0	Off
EW Totals	**162.3**		**222,409**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	222.0	167 GPM
FIT-500	201 GPM	209.1	274 GPM
Effluent Temp	97.5 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

October 13, 2015 6AM to October 14, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	20.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 13, 2015 6AM to October 14, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	30.9
Permeate Flow	FIT-642	0 GPM	22.3
Concentrate Flow	FIT-643	0 GPM	8.0

Inlet Conductivity	CIT-630	1,035.0 µS
Outlet Conductivity	CIT-642	122.4 µS
Hours Run		5.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 14, 2015 6AM to October 15, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	2,931	1.4	41.7	24.0	On
EW-2002	1.0	1.1	1,408	5.9	41.0	24.0	On
EW-2003	0.9	0.9	1,252	8.6	38.7	24.0	On
EW-2004	0.6	0.8	862	6.7	33.8	24.0	On
EW-2005	0.6	0.8	828	7.1	30.7	24.0	On
EW-2006	1.4	1.5	2,063	5.5	25.5	24.0	On
EW-2007	2.2	2.4	3,190	7.5	19.1	24.0	On
EW-2008	0.7	0.8	1,060	3.1	19.2	24.0	On
EW-2009	1.2	1.3	1,659	3.3	19.3	24.0	On
EW-2010	0.0	0.4	271	6.3	18.3	15.4	Off
EW-2011	0.4	0.5	374	8.0	16.9	18.6	On
EW-2012	0.3	0.5	175	12.2	12.4	9.5	On
EW-2013	0.4	0.5	495	17.0	12.5	23.2	On
EW-2014	1.1	1.8	1,619	13.1	11.2	24.0	On
EW-2015	0.5	0.6	655	11.7	10.4	24.0	On
EW-2016	0.6	0.7	910	11.9	---	23.7	On
EW-2017	1.5	1.5	2,091	12.6	---	24.0	On
EW-2018	0.7	1.1	983	11.6	---	24.0	On
EW-2019	0.5	0.7	247	12.7	---	9.6	On
EW-2020	0.0	0.5	405	10.6	---	19.1	Off
EW-2021	0.3	0.4	360	13.7	---	18.6	On
EW-2022	0.4	0.5	496	12.5	---	21.4	On
EW-2023	0.5	0.5	608	11.1	---	23.6	On
EW-2024	0.3	0.4	294	9.7	---	16.2	On
EW-2025	1.0	1.2	1,362	10.8	---	24.0	On
EW-2026	0.8	1.1	1,159	9.8	---	24.0	On
EW-2027	0.9	1.1	1,252	9.3	---	24.0	On
EW-2028	0.8	1.1	1,183	9.3	---	24.0	On
EW-2029	0.9	1.2	1,349	8.6	---	24.0	On
EW-2030	1.6	1.7	2,257	10.4	---	24.0	On
EW-2031	1.6	1.7	2,236	11.3	---	24.0	On
EW-2032	0.6	0.9	795	9.5	---	24.0	On
EW-2033	0.6	0.8	859	9.6	---	24.0	On
EW-2034	0.7	1.5	1,076	9.0	13.8	24.0	On
EW-2035	0.0	0.0	0	21.6	-1.5	0.0	Off
EW-2036	0.9	1.4	1,243	13.1	18.9	24.0	On
EW-2037	1.0	2.2	1,502	4.0	20.7	24.0	On
EW-2101	5.1	20.1	18,657	18.2	20.7	24.0	On
EW-2102	5.0	17.4	13,737	19.1	22.2	24.0	On
EW-2103	5.2	11.4	7,362	18.5	16.3	24.0	On
EW-2104	10.2	46.2	41,435	15.8	16.4	24.0	On
EW-3001	0.0	0.3	1	2.6	12.3	0.1	Off
EW-3002	0.4	0.5	629	2.2	11.0	24.0	On
EW-3003	0.0	0.0	0	3.9	11.1	0.0	Off

Daily Log

October 14, 2015 6AM to October 15, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	2.0	---	0.0	Off
EW-3005	2.2	2.2	3,032	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.2	2,873	-3.6	---	24.0	On
EW-3008	0.6	1.0	835	-0.9	---	24.0	On
EW-3009	0.9	1.2	1,376	-1.8	---	24.0	On
EW-3010	1.4	1.5	1,987	-2.1	---	24.0	On
EW-3011	0.4	0.8	746	0.9	12.3	23.5	On
EW-3012	0.7	1.4	900	-5.2	12.6	24.0	On
EW-3013	1.1	2.0	1,551	-6.2	14.4	24.0	On
EW-3014	0.3	0.9	165	-4.3	16.5	10.5	On
EW-3015	1.3	5.3	1,889	-6.0	18.3	24.0	On
EW-3016	0.8	2.5	1,158	-3.9	20.6	24.0	On
EW-3017	0.3	1.1	354	-6.4	20.6	18.1	On
EW-3018	0.0	0.5	57	-4.8	20.3	3.5	Off
EW-3019	1.0	2.5	1,367	-1.5	21.2	24.0	On
EW-3020	4.1	4.1	5,840	-1.9	41.2	24.0	On
EW-3021	0.4	0.7	524	0.3	18.2	23.6	On
EW-3022	0.8	1.5	1,095	-2.4	25.5	24.0	On
EW-3023	1.7	2.4	2,454	1.2	12.5	24.0	On
EW-3024	0.5	0.6	650	1.7	---	24.0	On
EW-3025	2.2	2.5	3,119	-0.4	27.7	24.0	On
EW-3026	2.7	3.0	3,893	-2.8	28.6	24.0	On
EW-3027	0.5	0.6	637	1.1	---	24.0	On
EW-4001	3.1	3.4	4,260	-16.0	19.7	24.0	On
EW-4002	2.2	2.5	3,251	-46.9	12.8	24.0	On
EW-4003	2.1	2.2	2,862	-28.9	---	24.0	On
EW-4004	1.7	1.8	2,287	-15.7	12.5	24.0	On
EW-4005	2.1	2.2	2,843	-18.3	---	24.0	On
EW-4006	1.4	2.2	2,099	-51.1	22.7	24.0	On
EW-4007	1.0	1.2	1,427	-2.3	26.7	24.0	On
EW-4008	3.1	3.6	4,305	-13.5	17.0	24.0	On
EW-4009	0.9	1.2	1,181	-20.2	16.2	24.0	On
EW-4010	2.2	2.2	3,057	-3.2	33.2	24.0	On
EW-4011	2.4	2.4	3,153	-22.2	32.3	24.0	On
EW-5001	2.1	2.2	2,855	-21.8	---	24.0	On
EW-5002	0.0	0.0	0	4.1	0.9	0.0	Off
EW Totals	**105.6**		**193,410**				

	Value	Total (KGal)	Peak Flow
FIT-100	106 GPM	192.9	166 GPM
FIT-500	0 GPM	174.2	273 GPM
Effluent Temp	97.9 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

October 14, 2015 6AM to October 15, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	36 GPM	0.0
RC-7003	FIT-665	39 GPM	23.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 14, 2015 6AM to October 15, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	98 GPM	31.8
Permeate Flow	FIT-642	71 GPM	22.9
Concentrate Flow	FIT-643	26 GPM	8.3

Inlet Conductivity	CIT-630	1,024.6 µS
Outlet Conductivity	CIT-642	27.8 µS
Hours Run		5.9 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 15, 2015 6AM to October 16, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	3.5	2,924	1.7	44.5	23.7	On
EW-2002	1.0	1.4	1,408	6.2	43.8	24.0	On
EW-2003	1.5	5.1	1,965	5.4	41.7	23.5	On
EW-2004	0.6	1.0	849	6.9	36.4	24.0	On
EW-2005	0.6	1.0	825	7.2	33.4	24.0	On
EW-2006	1.4	1.6	2,030	5.6	28.5	24.0	On
EW-2007	2.2	2.3	3,182	7.6	22.3	24.0	On
EW-2008	0.7	0.8	1,050	3.1	22.6	24.0	On
EW-2009	1.1	1.3	1,650	3.4	22.7	24.0	On
EW-2010	0.3	0.4	271	5.2	21.7	15.4	On
EW-2011	0.3	0.5	371	8.3	20.3	18.5	On
EW-2012	0.0	0.5	173	12.4	14.5	9.6	Off
EW-2013	0.4	0.5	491	17.4	14.7	23.8	On
EW-2014	1.1	1.7	1,629	13.1	18.5	24.0	On
EW-2015	0.5	0.6	647	11.6	14.5	23.9	On
EW-2016	0.6	0.7	877	11.4	---	23.3	On
EW-2017	1.5	1.5	2,093	12.6	---	24.0	On
EW-2018	0.7	0.9	980	11.7	---	24.0	On
EW-2019	0.5	0.7	242	12.1	---	9.3	On
EW-2020	0.4	0.5	405	10.5	---	19.6	On
EW-2021	0.3	0.4	359	12.7	---	18.8	On
EW-2022	0.4	0.5	492	11.8	---	21.3	On
EW-2023	0.4	0.5	618	11.6	---	23.9	On
EW-2024	0.3	0.4	291	10.8	---	16.3	On
EW-2025	0.9	1.1	1,357	10.8	---	24.0	On
EW-2026	0.8	1.0	1,155	9.9	---	24.0	On
EW-2027	0.9	1.0	1,249	9.3	---	24.0	On
EW-2028	0.8	1.0	1,181	9.3	---	24.0	On
EW-2029	0.9	1.1	1,346	8.6	---	24.0	On
EW-2030	1.6	1.7	2,244	10.3	---	24.0	On
EW-2031	1.6	1.7	2,223	11.2	---	24.0	On
EW-2032	0.5	0.8	794	9.5	---	24.0	On
EW-2033	0.6	0.8	858	9.5	---	24.0	On
EW-2034	0.7	1.4	1,071	9.0	23.7	24.0	On
EW-2035	0.0	0.0	0	21.5	-1.6	0.0	Off
EW-2036	0.8	1.3	1,235	13.4	32.4	24.0	On
EW-2037	1.0	2.0	1,489	4.0	36.0	24.0	On
EW-2101	19.9	22.7	25,324	16.6	75.9	24.0	On
EW-2102	12.9	13.9	17,031	17.6	79.7	24.0	On
EW-2103	5.1	11.1	7,336	18.4	38.9	24.0	On
EW-2104	45.9	46.5	57,810	14.1	65.6	24.0	On
EW-3001	0.0	0.0	0	2.6	14.5	0.0	Off
EW-3002	0.4	0.5	588	2.3	13.3	24.0	On
EW-3003	0.0	0.0	0	4.0	13.5	0.0	Off

Daily Log

October 15, 2015 6AM to October 16, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	2.0	---	0.0	Off
EW-3005	2.1	2.2	3,062	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.0	2,827	-3.6	---	24.0	On
EW-3008	0.6	0.9	819	-0.9	---	24.0	On
EW-3009	0.9	1.1	1,353	-2.0	---	24.0	On
EW-3010	1.4	1.5	1,955	-2.1	---	24.0	On
EW-3011	0.6	0.8	696	0.3	22.2	23.6	On
EW-3012	0.6	1.8	896	-5.1	25.6	24.0	On
EW-3013	1.0	2.2	1,544	-6.2	32.6	24.0	On
EW-3014	0.3	0.4	167	-4.5	44.2	10.8	On
EW-3015	1.3	5.4	1,885	-6.0	58.5	24.0	On
EW-3016	0.8	2.2	1,154	-4.0	71.2	24.0	On
EW-3017	0.3	0.5	353	-5.7	73.9	18.1	On
EW-3018	0.0	0.6	56	-4.1	73.9	3.5	Off
EW-3019	1.0	3.0	1,356	-1.3	74.8	24.0	On
EW-3020	3.9	4.3	5,727	-1.5	44.0	24.0	On
EW-3021	0.4	0.7	512	0.3	28.2	23.9	On
EW-3022	0.8	1.4	1,084	-2.5	35.1	24.0	On
EW-3023	1.7	2.5	2,464	1.1	23.7	24.0	On
EW-3024	0.5	0.5	657	1.6	---	24.0	On
EW-3025	2.1	2.5	3,010	-0.2	37.3	24.0	On
EW-3026	2.6	3.1	3,810	-2.6	38.1	24.0	On
EW-3027	0.5	0.5	644	1.1	---	24.0	On
EW-4001	2.9	3.4	4,190	-14.2	33.1	24.0	On
EW-4002	2.2	2.5	3,211	-47.2	15.0	24.0	On
EW-4003	2.0	2.2	2,897	-27.5	---	24.0	On
EW-4004	1.6	1.8	2,318	-13.9	15.4	24.0	On
EW-4005	2.0	2.2	2,850	-16.9	---	24.0	On
EW-4006	1.4	2.1	2,059	-51.0	32.5	24.0	On
EW-4007	1.0	1.2	1,417	-1.9	36.3	24.0	On
EW-4008	2.9	3.6	4,232	-12.7	39.6	24.0	On
EW-4009	0.8	1.2	1,202	-19.5	32.7	24.0	On
EW-4010	2.0	2.2	2,941	-2.2	46.3	24.0	On
EW-4011	2.0	2.4	3,055	-18.1	45.5	24.0	On
EW-5001	2.0	2.2	2,861	-20.6	---	24.0	On
EW-5002	0.0	0.0	0	4.0	0.8	0.0	Off
EW Totals	**162.2**		**219,374**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	218.7	166 GPM
FIT-500	0 GPM	188.7	269 GPM
Effluent Temp	97.7 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

October 15, 2015 6AM to October 16, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	24.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 15, 2015 6AM to October 16, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	37.2
Permeate Flow	FIT-642	0 GPM	26.9
Concentrate Flow	FIT-643	0 GPM	9.6

Inlet Conductivity	CIT-630	1,052.4 µS
Outlet Conductivity	CIT-642	61.9 µS
Hours Run		5.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	98.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 16, 2015 6AM to October 17, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.0	2,899	1.7	44.8	24.0	On
EW-2002	0.9	1.0	1,369	6.2	44.2	24.0	On
EW-2003	1.5	1.5	2,156	5.3	42.0	24.0	On
EW-2004	0.6	0.6	829	6.9	36.8	24.0	On
EW-2005	0.5	0.6	812	7.1	33.8	24.0	On
EW-2006	1.4	1.4	1,990	5.6	28.7	24.0	On
EW-2007	2.2	2.2	3,140	7.6	22.5	24.0	On
EW-2008	0.7	0.8	1,040	3.1	22.4	24.0	On
EW-2009	1.1	1.2	1,645	3.3	22.6	24.0	On
EW-2010	0.0	0.4	267	5.2	21.6	15.2	Off
EW-2011	0.3	0.4	368	8.7	20.1	18.1	On
EW-2012	0.0	0.4	171	12.2	15.1	9.3	Off
EW-2013	0.3	0.4	486	17.3	15.3	24.0	On
EW-2014	1.1	1.2	1,620	13.1	19.1	24.0	On
EW-2015	0.3	0.5	633	11.7	15.2	23.9	On
EW-2016	0.5	0.7	889	12.3	---	23.5	On
EW-2017	1.4	1.5	2,072	12.6	---	24.0	On
EW-2018	0.4	0.9	975	11.9	---	24.0	On
EW-2019	0.0	0.6	241	11.6	---	9.3	Off
EW-2020	0.3	0.4	401	11.6	---	18.9	On
EW-2021	0.3	0.3	356	12.6	---	18.5	On
EW-2022	0.3	0.5	491	11.7	---	20.6	On
EW-2023	0.3	0.5	595	11.3	---	24.0	On
EW-2024	0.3	0.4	292	10.1	---	15.9	On
EW-2025	0.7	1.1	1,351	10.9	---	24.0	On
EW-2026	0.6	1.0	1,148	9.9	---	24.0	On
EW-2027	0.6	1.0	1,242	9.4	---	24.0	On
EW-2028	0.5	1.0	1,174	9.5	---	24.0	On
EW-2029	0.7	1.1	1,339	8.7	---	24.0	On
EW-2030	1.4	1.7	2,234	10.3	---	24.0	On
EW-2031	1.4	1.6	2,209	11.2	---	24.0	On
EW-2032	0.2	0.8	790	9.7	---	24.0	On
EW-2033	0.4	0.8	855	9.6	---	24.0	On
EW-2034	0.7	0.8	1,065	8.9	23.8	24.0	On
EW-2035	0.0	0.0	0	21.5	-1.7	0.0	Off
EW-2036	0.8	0.9	1,222	13.4	32.9	24.0	On
EW-2037	1.0	1.1	1,473	3.9	36.4	24.0	On
EW-2101	19.7	20.1	28,601	16.5	75.6	24.0	On
EW-2102	12.9	13.2	18,556	17.4	80.0	24.0	On
EW-2103	4.8	5.3	7,306	18.4	39.1	24.0	On
EW-2104	46.0	46.2	66,115	13.9	65.5	24.0	On
EW-3001	0.0	0.0	0	2.6	15.1	0.0	Off
EW-3002	0.3	0.4	569	2.3	14.0	24.0	On
EW-3003	0.0	0.0	0	4.0	14.2	0.0	Off

Daily Log

October 16, 2015 6AM to October 17, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	2.0	---	0.0	Off
EW-3005	2.2	2.2	3,083	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.0	2,826	-3.6	---	24.0	On
EW-3008	0.0	0.9	801	-0.7	---	24.0	On
EW-3009	0.7	1.1	1,328	-1.9	---	24.0	On
EW-3010	1.2	1.4	1,913	-2.1	---	24.0	On
EW-3011	0.5	0.6	776	0.2	22.3	24.0	On
EW-3012	0.5	0.8	892	-5.0	25.7	24.0	On
EW-3013	1.0	1.2	1,543	-6.2	32.6	24.0	On
EW-3014	0.0	0.4	168	-3.9	44.4	10.9	Off
EW-3015	1.3	1.4	1,879	-6.1	58.6	24.0	On
EW-3016	0.8	0.9	1,146	-3.9	71.1	24.0	On
EW-3017	0.3	0.5	352	-6.4	73.7	18.1	On
EW-3018	0.0	0.5	57	-4.3	73.4	3.5	Off
EW-3019	0.9	1.1	1,352	-1.6	74.2	24.0	On
EW-3020	3.9	3.9	5,608	-1.6	44.3	24.0	On
EW-3021	0.3	0.4	507	0.2	28.5	24.0	On
EW-3022	0.7	0.8	1,086	-2.3	35.1	24.0	On
EW-3023	1.7	1.7	2,438	1.1	23.8	24.0	On
EW-3024	0.3	0.5	640	1.6	---	24.0	On
EW-3025	2.1	2.1	2,987	-0.2	37.3	24.0	On
EW-3026	2.6	2.7	3,792	-2.6	38.1	24.0	On
EW-3027	0.4	0.5	629	1.1	---	24.0	On
EW-4001	2.8	2.9	4,110	-14.4	33.5	24.0	On
EW-4002	2.1	2.4	3,202	-47.1	15.6	24.0	On
EW-4003	1.9	2.0	2,865	-27.6	---	24.0	On
EW-4004	1.4	1.6	2,221	-14.1	15.9	24.0	On
EW-4005	1.9	2.0	2,806	-17.0	---	24.0	On
EW-4006	1.4	1.4	2,044	-50.9	32.6	24.0	On
EW-4007	0.9	1.0	1,369	-2.0	36.4	24.0	On
EW-4008	2.9	3.0	4,200	-13.0	39.9	24.0	On
EW-4009	0.8	0.9	1,200	-20.1	32.6	24.0	On
EW-4010	2.0	2.1	2,924	-2.4	46.9	24.0	On
EW-4011	2.1	2.1	2,975	-18.2	46.0	24.0	On
EW-5001	1.9	2.0	2,816	-20.7	---	24.0	On
EW-5002	0.0	0.0	0	3.9	0.8	0.0	Off
EW Totals	**154.7**		**231,525**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	230.4	165 GPM
FIT-500	204 GPM	215.8	275 GPM
Effluent Temp	97.2 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

October 16, 2015 6AM to October 17, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	23.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 16, 2015 6AM to October 17, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	33.8
Permeate Flow	FIT-642	0 GPM	24.4
Concentrate Flow	FIT-643	0 GPM	8.8

Inlet Conductivity	CIT-630	1,056.1 µS
Outlet Conductivity	CIT-642	142.7 µS
Hours Run		5.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 17, 2015 6AM to October 18, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.9	2,909	1.4	43.0	23.9	On
EW-2002	1.0	2.7	1,388	6.0	42.4	23.9	On
EW-2003	1.5	4.1	2,119	5.3	40.0	23.9	On
EW-2004	0.6	3.2	825	6.8	35.1	23.9	On
EW-2005	0.6	2.1	809	7.1	32.1	23.9	On
EW-2006	1.4	3.4	1,985	5.6	27.4	23.9	On
EW-2007	2.2	4.9	3,149	7.5	21.9	23.9	On
EW-2008	0.7	3.3	1,024	3.3	22.2	23.8	On
EW-2009	1.1	4.0	1,633	3.3	22.4	23.8	On
EW-2010	0.3	0.6	264	5.8	21.4	15.0	On
EW-2011	0.3	0.6	366	9.2	19.9	18.3	On
EW-2012	0.3	0.4	169	13.0	14.8	9.4	On
EW-2013	0.3	0.5	495	17.3	14.9	22.9	On
EW-2014	1.1	5.4	1,578	13.1	18.6	23.9	On
EW-2015	0.5	0.6	623	11.4	14.5	23.5	On
EW-2016	0.6	0.7	862	11.2	---	23.0	On
EW-2017	1.4	4.2	2,053	12.6	---	23.9	On
EW-2018	0.7	4.7	971	11.7	---	23.9	On
EW-2019	0.5	0.6	236	12.9	---	9.1	On
EW-2020	0.3	0.5	401	11.8	---	19.5	On
EW-2021	0.3	0.3	353	12.3	---	18.4	On
EW-2022	0.3	0.5	480	13.1	---	21.0	On
EW-2023	0.4	0.5	606	11.3	---	23.9	On
EW-2024	0.3	0.4	289	9.9	---	16.2	On
EW-2025	0.9	5.6	1,347	10.8	---	23.9	On
EW-2026	0.8	5.4	1,148	9.8	---	23.9	On
EW-2027	0.9	5.9	1,242	9.3	---	23.9	On
EW-2028	0.8	5.3	1,173	9.3	---	23.9	On
EW-2029	0.9	6.5	1,337	8.6	---	23.9	On
EW-2030	1.6	7.3	2,233	10.2	---	23.9	On
EW-2031	1.5	7.6	2,201	11.1	---	23.9	On
EW-2032	0.5	3.8	789	9.5	---	23.9	On
EW-2033	0.6	2.8	852	9.5	---	23.9	On
EW-2034	0.7	4.2	1,063	8.9	23.1	23.9	On
EW-2035	0.0	0.0	0	21.5	-1.7	0.0	Off
EW-2036	0.8	3.6	1,202	13.2	32.6	23.9	On
EW-2037	1.0	5.7	1,466	3.8	36.2	23.9	On
EW-2101	19.5	21.6	28,196	16.5	75.2	23.9	On
EW-2102	12.6	13.8	18,148	17.2	79.8	23.9	On
EW-2103	5.1	5.7	7,305	21.7	39.1	23.9	On
EW-2104	46.0	47.3	65,845	13.8	65.2	23.9	On
EW-3001	0.0	0.0	0	2.5	14.7	0.0	Off
EW-3002	0.4	0.5	612	2.2	13.5	23.9	On
EW-3003	0.0	0.0	0	3.9	13.6	0.0	Off

Daily Log

October 17, 2015 6AM to October 18, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	2.2	2.3	3,139	-0.3	---	23.9	On
EW-3006	0.0	0.4	1	0.4	---	0.1	Off
EW-3007	1.9	5.6	2,776	-3.6	---	23.5	On
EW-3008	0.5	5.2	795	-0.8	---	23.9	On
EW-3009	0.9	6.4	1,306	-2.0	---	23.9	On
EW-3010	1.3	5.7	1,884	-2.2	---	23.9	On
EW-3011	0.5	0.8	737	0.2	21.6	23.4	On
EW-3012	0.6	5.5	889	-5.2	25.0	23.9	On
EW-3013	1.1	5.2	1,541	-6.5	31.9	23.9	On
EW-3014	0.0	0.5	168	-3.8	43.5	10.9	On
EW-3015	1.3	3.9	1,873	-6.2	58.1	23.9	On
EW-3016	0.8	1.9	1,141	-4.1	70.7	23.9	On
EW-3017	0.3	0.5	347	-4.9	73.4	18.0	On
EW-3018	0.0	0.5	57	-4.9	73.1	3.6	Off
EW-3019	0.9	2.3	1,342	-1.5	73.9	23.9	On
EW-3020	4.0	5.8	5,684	-1.9	42.5	23.9	On
EW-3021	0.4	0.5	515	0.2	28.6	23.8	On
EW-3022	0.7	5.1	1,069	-2.5	35.8	23.9	On
EW-3023	1.7	5.2	2,447	1.0	23.0	23.9	On
EW-3024	0.5	0.5	653	1.4	---	23.9	On
EW-3025	2.1	2.5	3,055	-0.4	38.1	23.9	On
EW-3026	2.7	4.7	3,865	-2.9	38.9	23.9	On
EW-3027	0.4	0.6	645	1.0	---	23.9	On
EW-4001	2.9	3.1	4,074	-14.1	33.2	23.8	On
EW-4002	2.2	6.3	3,191	-46.9	15.1	23.8	On
EW-4003	2.0	8.2	2,766	-26.8	---	23.8	On
EW-4004	1.5	1.7	2,190	-14.1	15.3	23.8	On
EW-4005	1.9	2.0	2,725	-16.6	---	23.8	On
EW-4006	1.4	4.7	2,030	-51.1	33.1	23.8	On
EW-4007	1.1	1.2	1,540	-2.5	37.1	23.8	On
EW-4008	2.9	3.0	4,166	-12.6	39.6	23.8	On
EW-4009	0.9	0.9	1,183	-20.0	31.9	23.8	On
EW-4010	2.0	2.1	2,921	-2.6	46.6	23.8	On
EW-4011	2.1	2.1	2,932	-17.8	45.7	23.8	On
EW-5001	1.9	2.0	2,745	-20.3	---	23.8	On
EW-5002	0.0	0.0	0	3.9	0.8	0.0	Off
EW Totals	**161.1**		**230,138**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	228.7	183 GPM
FIT-500	246 GPM	207.0	270 GPM
Effluent Temp	96.8 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

October 17, 2015 6AM to October 18, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	34 GPM	0.0
RC-7003	FIT-665	37 GPM	25.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 17, 2015 6AM to October 18, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	97 GPM	35.1
Permeate Flow	FIT-642	71 GPM	25.5
Concentrate Flow	FIT-643	25 GPM	9.0

Inlet Conductivity	CIT-630	1,040.2 µS
Outlet Conductivity	CIT-642	29.0 µS
Hours Run		6.5 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 18, 2015 6AM to October 19, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.0	2,888	1.5	43.1	24.0	On
EW-2002	0.9	1.0	1,379	6.0	42.5	24.0	On
EW-2003	1.4	1.5	2,064	5.6	40.2	24.0	On
EW-2004	0.5	0.6	812	6.9	35.3	24.0	On
EW-2005	0.5	0.6	804	7.2	32.4	24.0	On
EW-2006	1.3	1.4	1,936	5.7	27.7	24.0	On
EW-2007	2.1	2.2	3,135	7.6	22.3	24.0	On
EW-2008	0.7	0.8	1,019	2.9	22.4	24.0	On
EW-2009	1.1	1.2	1,628	3.4	22.5	24.0	On
EW-2010	0.0	0.4	264	5.2	21.6	15.1	Off
EW-2011	0.4	0.5	365	8.8	20.1	18.2	On
EW-2012	0.0	0.4	170	11.7	15.2	9.4	Off
EW-2013	0.3	0.4	505	17.0	15.3	24.0	On
EW-2014	1.0	1.1	1,567	13.2	19.2	24.0	On
EW-2015	0.3	0.5	605	11.8	15.2	23.2	On
EW-2016	0.5	0.7	859	12.3	---	23.0	On
EW-2017	1.4	1.4	2,044	12.8	---	24.0	On
EW-2018	0.7	0.9	975	12.0	---	24.0	On
EW-2019	0.0	0.8	252	12.0	---	9.8	Off
EW-2020	0.3	0.4	402	10.1	---	19.4	On
EW-2021	0.0	0.3	351	12.9	---	18.3	Off
EW-2022	0.3	0.5	479	13.1	---	20.9	On
EW-2023	0.3	0.5	602	11.4	---	23.9	On
EW-2024	0.3	0.4	287	10.9	---	16.1	On
EW-2025	0.7	1.1	1,343	11.2	---	24.0	On
EW-2026	0.8	1.0	1,144	10.2	---	24.0	On
EW-2027	0.8	1.1	1,239	9.7	---	24.0	On
EW-2028	0.8	1.0	1,168	9.7	---	24.0	On
EW-2029	0.9	1.1	1,332	9.0	---	24.0	On
EW-2030	1.4	1.7	2,225	10.4	---	24.0	On
EW-2031	1.4	1.6	2,196	11.4	---	24.0	On
EW-2032	0.6	0.8	788	9.9	---	24.0	On
EW-2033	0.4	0.8	850	9.9	---	24.0	On
EW-2034	0.7	0.8	1,056	8.9	23.3	24.0	On
EW-2035	0.0	0.0	0	21.4	-1.7	0.0	Off
EW-2036	0.8	0.8	1,190	13.3	33.0	24.0	On
EW-2037	0.9	1.1	1,459	4.0	36.5	24.0	On
EW-2101	19.3	19.8	28,015	16.5	75.3	24.0	On
EW-2102	12.4	12.8	17,950	17.1	79.6	24.0	On
EW-2103	4.8	5.3	7,344	21.6	39.3	24.0	On
EW-2104	45.9	46.2	66,092	13.7	65.4	24.0	On
EW-3001	0.0	0.0	0	2.5	15.1	0.0	Off
EW-3002	0.4	0.5	611	2.3	14.0	24.0	On
EW-3003	0.0	0.0	0	3.9	14.2	0.0	Off

Daily Log

October 18, 2015 6AM to October 19, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	2.1	2.2	3,085	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.8	2.0	2,772	-3.4	---	24.0	On
EW-3008	0.5	0.8	766	-0.5	---	24.0	On
EW-3009	0.7	1.0	1,289	-1.7	---	24.0	On
EW-3010	1.2	1.4	1,886	-1.9	---	24.0	On
EW-3011	0.5	0.8	755	0.3	21.9	23.1	On
EW-3012	0.5	0.8	886	-4.9	25.2	24.0	On
EW-3013	1.0	1.2	1,538	-6.2	32.1	24.0	On
EW-3014	0.3	0.4	168	-4.5	43.6	10.9	On
EW-3015	1.2	1.4	1,870	-6.1	58.1	24.0	On
EW-3016	0.8	0.9	1,136	-4.0	70.7	24.0	On
EW-3017	0.3	0.5	348	-5.6	73.4	18.0	On
EW-3018	0.0	0.5	56	-4.2	73.1	3.5	Off
EW-3019	0.9	1.1	1,342	-1.3	73.9	24.0	On
EW-3020	3.9	4.0	5,685	-1.8	42.6	24.0	On
EW-3021	0.3	0.4	516	0.2	28.8	24.0	On
EW-3022	0.7	0.8	1,062	-2.5	35.8	24.0	On
EW-3023	1.6	1.8	2,434	1.1	23.3	24.0	On
EW-3024	0.3	0.5	658	1.7	---	24.0	On
EW-3025	2.1	2.1	3,065	-0.5	38.1	24.0	On
EW-3026	2.7	2.7	3,850	-2.9	38.9	24.0	On
EW-3027	0.4	0.5	627	1.1	---	24.0	On
EW-4001	2.8	2.9	4,106	-14.5	33.6	24.0	On
EW-4002	2.1	2.3	3,188	-47.0	15.5	24.0	On
EW-4003	1.8	2.0	2,790	-26.7	---	24.0	On
EW-4004	1.4	1.6	2,213	-14.0	15.9	24.0	On
EW-4005	1.8	1.9	2,749	-16.7	---	24.0	On
EW-4006	1.4	1.4	2,015	-51.1	33.1	24.0	On
EW-4007	1.0	1.1	1,560	-2.6	37.1	24.0	On
EW-4008	2.9	3.1	4,202	-13.0	39.9	24.0	On
EW-4009	0.8	0.9	1,203	-19.8	32.0	24.0	On
EW-4010	2.0	2.1	2,936	-3.3	46.8	24.0	On
EW-4011	2.0	2.1	2,970	-18.5	46.0	24.0	On
EW-5001	1.8	2.0	2,775	-20.1	---	24.0	On
EW-5002	0.0	0.0	0	3.9	0.8	0.0	Off
EW Totals	**155.2**		**229,893**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	228.3	163 GPM
FIT-500	0 GPM	197.4	270 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

October 18, 2015 6AM to October 19, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	25.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 18, 2015 6AM to October 19, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	38.4
Permeate Flow	FIT-642	0 GPM	27.8
Concentrate Flow	FIT-643	0 GPM	10.0

Inlet Conductivity	CIT-630	1,010.1 µS
Outlet Conductivity	CIT-642	98.4 µS
Hours Run		5.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 19, 2015 6AM to October 20, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,841	1.7	42.9	24.0	On
EW-2002	0.9	1.0	1,352	6.1	42.3	24.0	On
EW-2003	1.4	1.6	2,027	5.7	40.1	24.0	On
EW-2004	0.6	0.7	810	6.9	35.2	24.0	On
EW-2005	0.5	0.7	791	7.2	32.2	24.0	On
EW-2006	1.3	1.4	1,919	5.6	27.4	24.0	On
EW-2007	2.2	2.3	3,093	7.5	21.8	24.0	On
EW-2008	0.7	0.8	1,014	3.2	22.2	24.0	On
EW-2009	1.1	1.3	1,625	3.3	22.3	24.0	On
EW-2010	0.3	0.4	261	5.6	21.5	14.9	On
EW-2011	0.3	0.5	361	9.2	19.9	17.6	On
EW-2012	0.3	0.5	165	13.0	14.8	9.1	On
EW-2013	0.3	0.5	471	16.9	15.0	22.6	On
EW-2014	1.1	1.9	1,566	13.1	18.5	24.0	On
EW-2015	0.0	0.7	621	12.4	14.4	23.7	Off
EW-2016	0.6	0.8	864	10.5	---	23.1	On
EW-2017	1.4	1.5	2,037	12.6	---	24.0	On
EW-2018	0.7	1.0	970	11.8	---	24.0	On
EW-2019	0.0	0.8	246	12.2	---	10.5	Off
EW-2020	0.0	0.5	397	10.6	---	18.9	Off
EW-2021	0.3	0.4	350	11.9	---	18.3	On
EW-2022	0.3	0.6	478	13.0	---	20.7	On
EW-2023	0.4	0.5	584	11.4	---	23.9	On
EW-2024	0.3	0.4	288	9.6	---	15.8	On
EW-2025	0.9	1.2	1,338	10.8	---	24.0	On
EW-2026	0.8	1.1	1,136	9.8	---	24.0	On
EW-2027	0.9	1.1	1,234	9.3	---	24.0	On
EW-2028	0.8	1.1	1,161	9.3	---	24.0	On
EW-2029	0.9	1.2	1,328	8.6	---	24.0	On
EW-2030	1.6	1.7	2,215	10.2	---	24.0	On
EW-2031	1.5	1.7	2,184	11.1	---	24.0	On
EW-2032	0.6	0.9	784	9.5	---	24.0	On
EW-2033	0.6	0.9	845	9.5	---	24.0	On
EW-2034	0.7	1.3	1,051	8.9	23.5	24.0	On
EW-2035	0.0	0.0	0	21.4	-1.7	0.0	Off
EW-2036	0.8	1.6	1,181	13.2	32.5	24.0	On
EW-2037	1.0	2.3	1,446	3.9	36.3	24.0	On
EW-2101	19.2	26.2	25,862	16.6	77.4	23.8	On
EW-2102	12.6	19.8	17,593	18.1	81.7	23.5	On
EW-2103	5.2	11.2	7,292	21.6	39.0	24.0	On
EW-2104	46.0	46.8	61,526	13.7	65.2	23.9	On
EW-3001	0.0	0.0	0	2.5	14.7	0.0	Off
EW-3002	0.4	0.6	585	2.2	13.5	24.0	On
EW-3003	0.0	0.0	0	4.0	13.6	0.0	Off

Daily Log

October 19, 2015 6AM to October 20, 2015 6AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	2.0	---	0.0	Off
EW-3005	2.1	2.2	3,058	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.1	2,789	-3.7	---	24.0	On
EW-3008	0.5	0.9	745	-0.9	---	24.0	On
EW-3009	0.9	1.1	1,283	-2.0	---	24.0	On
EW-3010	1.3	1.5	1,877	-2.1	---	24.0	On
EW-3011	0.5	0.8	699	0.4	22.0	23.1	On
EW-3012	0.6	2.0	888	-5.1	25.5	24.0	On
EW-3013	1.1	2.2	1,537	-6.4	32.6	24.0	On
EW-3014	0.0	0.8	165	-3.9	44.3	10.7	Off
EW-3015	1.3	5.4	1,866	-6.1	59.7	23.9	On
EW-3016	0.8	2.5	1,134	-3.8	72.6	24.0	On
EW-3017	0.0	1.1	347	-7.2	75.3	18.0	Off
EW-3018	0.0	1.1	58	-4.8	75.0	3.6	Off
EW-3019	1.0	2.7	1,333	-1.7	75.8	24.0	On
EW-3020	3.9	4.0	5,597	-1.6	42.5	24.0	On
EW-3021	0.4	0.9	516	0.1	28.3	23.9	On
EW-3022	0.8	1.6	1,057	-2.5	35.1	24.0	On
EW-3023	1.7	2.5	2,436	1.1	23.4	24.0	On
EW-3024	0.5	0.6	641	1.4	---	24.0	On
EW-3025	2.1	2.6	3,007	-0.3	37.3	24.0	On
EW-3026	2.6	3.2	3,768	-2.7	38.1	24.0	On
EW-3027	0.5	0.5	621	1.0	---	24.0	On
EW-4001	2.9	3.4	4,149	-14.7	33.2	24.0	On
EW-4002	2.2	2.4	3,178	-47.1	15.1	24.0	On
EW-4003	2.0	2.2	2,811	-27.4	---	24.0	On
EW-4004	1.6	1.8	2,243	-14.5	15.4	24.0	On
EW-4005	1.9	2.1	2,776	-17.3	---	24.0	On
EW-4006	1.4	2.4	1,996	-51.1	32.5	24.0	On
EW-4007	1.0	1.3	1,451	-2.3	36.3	24.0	On
EW-4008	3.0	3.6	4,221	-13.2	39.6	23.9	On
EW-4009	0.8	1.3	1,171	-19.4	32.5	24.0	On
EW-4010	2.1	2.3	3,046	-3.6	47.1	24.0	On
EW-4011	2.0	2.5	2,995	-18.1	46.3	24.0	On
EW-5001	2.0	2.2	2,794	-20.6	---	24.0	On
EW-5002	0.0	0.0	0	3.9	0.8	0.0	Off
EW Totals	**159.1**		**222,143**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	221.5	164 GPM
FIT-500	51 GPM	206.0	272 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

October 19, 2015 6AM to October 20, 2015 6AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	34 GPM	0.0
RC-7003	FIT-665	37 GPM	26.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 19, 2015 6AM to October 20, 2015 6AM

		Value	Total (KGal)
Flow In	FIT-600	100 GPM	36.6
Permeate Flow	FIT-642	73 GPM	26.5
Concentrate Flow	FIT-643	26 GPM	9.5

Inlet Conductivity	CIT-630	1,001.2 µS
Outlet Conductivity	CIT-642	28.7 µS
Hours Run		6.8 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	98.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 20, 2015 6AM to October 21, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.6	1,707	1.4	42.0	14.1	On
EW-2002	0.9	2.7	822	5.9	41.5	14.1	On
EW-2003	1.5	3.6	1,258	5.3	39.0	14.1	On
EW-2004	0.6	3.2	508	6.7	34.1	14.1	On
EW-2005	0.5	2.2	486	7.1	31.4	14.1	On
EW-2006	1.4	3.4	1,190	5.4	27.5	14.1	On
EW-2007	2.1	4.9	1,851	7.5	22.6	14.1	On
EW-2008	0.7	3.5	624	3.0	23.0	14.1	On
EW-2009	1.1	4.0	976	3.2	23.1	14.1	On
EW-2010	0.3	0.6	164	6.2	22.2	9.2	On
EW-2011	0.3	0.6	224	9.4	20.7	11.0	On
EW-2012	0.0	0.5	108	13.5	15.3	5.7	On
EW-2013	0.3	0.5	260	17.0	15.5	12.7	On
EW-2014	1.0	5.5	933	13.2	19.7	14.1	On
EW-2015	0.3	0.6	359	12.5	15.4	13.8	On
EW-2016	0.5	1.0	507	10.2	---	13.7	On
EW-2017	1.4	4.3	1,235	12.6	---	14.1	On
EW-2018	0.7	7.7	590	12.0	---	14.1	On
EW-2019	0.0	0.4	150	12.3	---	8.4	Off
EW-2020	0.3	0.5	238	11.8	---	11.6	On
EW-2021	0.3	0.4	210	12.6	---	11.1	On
EW-2022	0.3	0.6	287	11.8	---	12.7	On
EW-2023	0.3	0.5	339	11.8	---	14.1	On
EW-2024	0.3	0.6	177	10.1	---	9.6	On
EW-2025	0.8	7.4	824	11.1	---	14.1	On
EW-2026	0.6	7.4	698	10.2	---	14.1	On
EW-2027	0.6	7.3	757	9.7	---	14.1	On
EW-2028	0.7	7.3	708	9.7	---	14.1	On
EW-2029	0.7	7.4	805	9.0	---	14.1	On
EW-2030	1.4	7.4	1,337	10.4	---	14.1	On
EW-2031	1.5	7.7	1,340	11.3	---	14.1	On
EW-2032	0.5	7.1	480	9.9	---	14.1	On
EW-2033	0.4	3.0	513	9.8	---	14.1	On
EW-2034	0.7	4.2	642	8.9	23.9	14.1	On
EW-2035	0.0	0.0	0	21.4	-1.8	0.0	Off
EW-2036	0.8	3.8	706	13.4	33.2	14.1	On
EW-2037	0.9	6.5	881	4.0	36.7	14.1	On
EW-2101	19.3	19.6	13,533	16.7	77.2	14.1	On
EW-2102	12.6	15.0	9,387	18.1	82.3	14.1	On
EW-2103	4.8	11.3	4,331	21.6	39.6	14.1	On
EW-2104	45.8	46.2	30,988	14.1	65.7	14.1	On
EW-3001	0.0	0.6	33	2.9	15.3	1.7	Off
EW-3002	0.4	0.5	360	2.4	14.2	14.1	On
EW-3003	0.0	0.5	31	4.0	14.4	1.6	Off

Daily Log

October 20, 2015 6AM to October 21, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	28	1.9	---	1.3	Off
EW-3005	2.1	2.1	1,746	-0.1	---	14.0	On
EW-3006	0.0	0.5	25	0.4	---	1.1	Off
EW-3007	2.0	6.2	1,842	-3.5	---	14.1	On
EW-3008	0.6	7.4	547	-0.5	---	14.1	On
EW-3009	1.0	6.9	951	-1.8	---	14.1	On
EW-3010	1.5	5.9	1,308	-2.0	---	14.1	On
EW-3011	0.4	0.8	438	0.4	22.4	14.1	On
EW-3012	0.5	6.1	564	-5.0	25.9	14.1	On
EW-3013	1.0	5.7	951	-6.3	33.0	14.1	On
EW-3014	0.0	0.6	118	-3.7	44.7	7.2	On
EW-3015	1.3	5.4	1,151	-6.2	59.8	14.1	On
EW-3016	0.8	3.2	706	-4.1	72.6	14.1	On
EW-3017	0.0	1.2	216	-5.2	75.2	10.9	Off
EW-3018	0.0	0.6	40	-4.3	75.2	2.4	Off
EW-3019	1.0	3.7	821	-1.6	75.9	14.1	On
EW-3020	4.0	5.8	3,369	-1.8	41.6	14.1	On
EW-3021	0.3	0.7	324	0.2	29.9	14.0	On
EW-3022	0.9	5.6	767	-2.5	37.6	14.1	On
EW-3023	1.7	5.6	1,573	1.1	23.9	14.1	On
EW-3024	0.3	0.5	378	1.8	---	14.1	On
EW-3025	2.1	2.7	1,802	-0.5	39.9	14.1	On
EW-3026	2.8	4.7	2,391	-2.9	40.7	14.1	On
EW-3027	0.4	0.5	370	1.1	---	14.1	On
EW-4001	2.8	3.4	2,461	-13.1	33.9	14.0	On
EW-4002	2.2	7.0	1,955	-47.0	15.9	14.0	On
EW-4003	1.8	2.7	1,649	-25.3	---	14.0	On
EW-4004	1.4	1.8	1,324	-12.8	16.1	14.0	On
EW-4005	1.8	2.1	1,635	-14.6	---	14.0	On
EW-4006	1.4	6.1	1,261	-51.1	34.5	14.0	On
EW-4007	1.1	1.2	871	-1.9	38.7	14.0	On
EW-4008	2.9	3.6	2,498	-11.7	40.1	14.0	On
EW-4009	0.7	1.1	671	-17.4	32.9	14.0	On
EW-4010	2.1	2.4	1,805	-2.6	47.1	14.0	On
EW-4011	2.0	2.5	1,781	-16.5	46.4	14.0	On
EW-5001	1.8	2.2	1,645	-19.0	---	14.0	On
EW-5002	0.0	0.0	0	4.2	0.9	0.0	Off
EW Totals	**156.4**		**125,539**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	125.6	182 GPM
FIT-500	0 GPM	107.9	268 GPM
Effluent Temp	97.4 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

October 20, 2015 6AM to October 21, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	17.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 20, 2015 6AM to October 21, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	97 GPM	25.6
Permeate Flow	FIT-642	71 GPM	18.6
Concentrate Flow	FIT-643	25 GPM	6.5

Inlet Conductivity	CIT-630	1,013.3 µS
Outlet Conductivity	CIT-642	29.0 µS
Hours Run		6.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	98.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 21, 2015 12AM to October 22, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	4.2	2,706	1.4	41.8	22.2	On
EW-2002	1.0	2.8	1,290	6.0	41.2	22.2	On
EW-2003	1.5	3.8	1,983	5.3	38.8	22.2	On
EW-2004	0.6	2.6	814	6.8	33.7	22.2	On
EW-2005	0.6	2.4	757	7.3	31.0	22.2	On
EW-2006	1.4	4.1	1,908	5.4	27.0	22.1	On
EW-2007	2.2	4.9	2,907	7.5	22.0	22.2	On
EW-2008	0.8	3.7	967	3.1	22.1	22.1	On
EW-2009	1.1	4.0	1,523	3.4	22.2	22.1	On
EW-2010	0.0	0.6	251	5.7	21.3	14.0	Off
EW-2011	0.4	0.6	346	8.3	19.8	16.7	On
EW-2012	0.3	1.5	164	10.9	15.0	8.9	On
EW-2013	0.3	1.3	413	17.2	15.2	20.4	On
EW-2014	1.1	5.5	1,456	13.2	18.9	22.1	On
EW-2015	0.5	0.6	571	11.6	14.6	21.7	On
EW-2016	0.7	0.9	792	10.8	---	21.4	On
EW-2017	1.5	4.3	1,944	12.7	---	22.2	On
EW-2018	0.7	7.7	918	11.6	---	22.2	On
EW-2019	0.3	0.5	232	11.4	---	12.8	On
EW-2020	0.4	0.6	377	10.9	---	18.0	On
EW-2021	0.3	0.5	328	11.4	---	17.0	On
EW-2022	0.4	0.6	447	12.3	---	19.5	On
EW-2023	0.4	0.6	555	11.7	---	22.2	On
EW-2024	0.0	0.6	279	10.2	---	15.5	Off
EW-2025	1.0	7.3	1,298	10.8	---	22.1	On
EW-2026	0.8	7.4	1,101	9.8	---	22.2	On
EW-2027	0.9	7.3	1,182	9.3	---	22.2	On
EW-2028	0.8	7.3	1,099	9.3	---	22.2	On
EW-2029	0.9	7.4	1,252	8.6	---	22.2	On
EW-2030	1.6	7.4	2,098	10.3	---	22.2	On
EW-2031	1.6	7.6	2,147	11.2	---	22.2	On
EW-2032	0.5	7.0	748	9.5	---	22.2	On
EW-2033	0.6	3.1	798	9.5	---	22.2	On
EW-2034	0.7	3.9	1,005	9.0	23.6	22.2	On
EW-2035	0.0	0.0	0	21.3	-1.8	0.0	Off
EW-2036	0.8	3.4	1,121	13.2	32.7	22.1	On
EW-2037	1.0	5.9	1,352	4.0	36.5	22.1	On
EW-2101	19.2	21.1	25,453	16.6	76.9	22.2	On
EW-2102	12.1	13.6	16,376	17.9	82.4	22.2	On
EW-2103	5.2	5.4	6,790	21.5	39.1	22.1	On
EW-2104	45.8	47.3	60,943	13.9	65.4	22.2	On
EW-3001	0.0	0.6	16	2.4	14.9	0.8	Off
EW-3002	0.4	0.5	561	2.0	13.7	22.0	On
EW-3003	0.0	0.5	15	3.8	13.7	0.7	Off

Daily Log

October 21, 2015 12AM to October 22, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	14	1.7	---	0.6	Off
EW-3005	2.8	7.3	3,194	-3.0	---	21.1	On
EW-3006	0.0	0.5	10	0.4	---	0.5	Off
EW-3007	2.0	6.1	2,776	-3.6	---	22.0	On
EW-3008	0.6	7.3	833	-0.9	---	22.0	On
EW-3009	1.1	6.8	1,477	-1.9	---	22.0	On
EW-3010	1.5	5.9	2,048	-2.1	---	22.0	On
EW-3011	0.5	0.8	695	0.3	22.1	21.8	On
EW-3012	0.6	5.9	855	-5.2	25.6	22.0	On
EW-3013	1.1	5.4	1,464	-6.2	32.6	22.0	On
EW-3014	0.0	0.5	175	-3.7	44.4	11.0	On
EW-3015	1.3	4.1	1,763	-6.2	59.7	22.0	On
EW-3016	0.8	1.9	1,074	-3.8	72.5	22.0	On
EW-3017	0.3	0.5	334	-7.3	75.2	17.0	On
EW-3018	0.0	0.6	58	-4.4	75.2	3.8	Off
EW-3019	1.0	2.4	1,266	-1.7	75.8	22.0	On
EW-3020	4.0	6.1	5,246	-1.9	41.3	22.0	On
EW-3021	0.4	0.6	478	0.1	29.2	21.7	On
EW-3022	0.9	4.5	1,200	-2.4	36.5	22.0	On
EW-3023	1.7	5.5	2,352	1.1	23.5	22.0	On
EW-3024	0.5	0.5	596	1.4	---	22.0	On
EW-3025	2.1	2.3	2,772	-0.5	38.8	22.0	On
EW-3026	2.8	4.2	3,726	-2.9	39.6	22.0	On
EW-3027	0.0	0.5	480	1.3	---	18.3	Off
EW-4001	2.9	3.0	3,760	-13.2	33.4	22.0	On
EW-4002	2.3	6.9	3,060	-47.2	15.5	22.0	On
EW-4003	2.0	3.0	2,548	-25.7	---	22.0	On
EW-4004	1.6	1.6	2,014	-13.3	15.4	22.0	On
EW-4005	1.9	2.0	2,516	-14.8	---	22.0	On
EW-4006	1.5	5.2	1,994	-50.9	33.7	22.0	On
EW-4007	1.0	1.1	1,394	-1.9	37.7	22.0	On
EW-4008	2.9	3.0	3,857	-11.7	39.8	22.0	On
EW-4009	0.8	0.9	1,051	-17.7	32.7	22.0	On
EW-4010	2.1	2.1	2,736	-3.0	47.0	22.0	On
EW-4011	2.0	2.1	2,707	-16.9	46.3	22.0	On
EW-5001	2.0	2.0	2,530	-19.4	---	22.0	On
EW-5002	0.0	0.0	0	4.1	0.9	0.0	Off
EW Totals	**161.5**		**214,337**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	214.3	218 GPM
FIT-500	248 GPM	181.6	269 GPM
Effluent Temp	99.3 °F		
Effluent pH	6.3		

Recharge and Injection Daily Report

October 21, 2015 12AM to October 22, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	28.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 21, 2015 12AM to October 22, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	42.1
Permeate Flow	FIT-642	0 GPM	30.6
Concentrate Flow	FIT-643	0 GPM	10.8

Inlet Conductivity	CIT-630	1,038.5 µS
Outlet Conductivity	CIT-642	72.1 µS
Hours Run		5.6 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	99.7 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 22, 2015 12AM to October 23, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	5.0	2,406	1.6	41.6	19.8	On
EW-2002	1.0	3.6	1,152	6.0	41.0	19.8	On
EW-2003	1.5	4.8	1,768	5.4	38.5	19.7	On
EW-2004	0.6	4.9	703	6.9	33.5	19.5	On
EW-2005	0.6	2.8	659	7.2	31.2	19.5	On
EW-2006	1.4	3.7	1,692	5.5	28.0	19.5	On
EW-2007	2.1	4.8	2,546	7.6	23.8	19.5	On
EW-2008	0.7	3.5	842	3.2	24.0	19.4	On
EW-2009	1.1	4.1	1,338	3.3	24.1	19.5	On
EW-2010	0.3	0.6	222	6.3	23.2	12.3	On
EW-2011	0.4	0.6	304	8.9	21.7	14.6	On
EW-2012	0.0	0.6	165	12.3	14.8	8.9	Off
EW-2013	0.3	0.6	474	17.1	15.0	23.5	On
EW-2014	1.1	1.7	1,554	13.3	19.1	24.0	On
EW-2015	0.5	0.7	625	11.9	14.8	23.9	On
EW-2016	0.7	0.9	860	10.5	---	23.1	On
EW-2017	1.5	1.8	2,058	12.7	---	24.0	On
EW-2018	0.9	1.4	970	11.7	---	24.0	On
EW-2019	0.0	0.5	237	12.8	---	13.3	Off
EW-2020	0.0	0.5	400	10.1	---	18.7	Off
EW-2021	0.0	0.5	342	13.2	---	17.8	Off
EW-2022	0.5	0.8	481	11.7	---	20.4	On
EW-2023	0.5	0.7	601	11.6	---	24.0	On
EW-2024	0.4	0.7	291	10.8	---	15.8	On
EW-2025	1.1	1.6	1,372	11.0	---	24.0	On
EW-2026	1.0	1.5	1,162	9.9	---	24.0	On
EW-2027	1.0	1.5	1,245	9.4	---	24.0	On
EW-2028	1.0	1.4	1,160	9.4	---	24.0	On
EW-2029	1.1	1.5	1,329	8.7	---	24.0	On
EW-2030	1.6	2.2	2,233	10.5	---	24.0	On
EW-2031	1.6	2.2	2,294	11.4	---	24.0	On
EW-2032	0.8	1.2	786	9.6	---	24.0	On
EW-2033	0.8	1.2	844	9.7	---	24.0	On
EW-2034	0.8	3.4	878	9.0	27.7	19.5	On
EW-2035	0.0	0.0	0	21.3	-1.8	0.0	Off
EW-2036	0.8	1.5	1,183	13.2	32.9	24.0	On
EW-2037	1.0	2.2	1,436	4.1	36.9	24.0	On
EW-2101	26.8	31.4	27,345	15.7	52.1	19.8	On
EW-2102	19.0	24.8	18,695	17.2	58.4	19.8	On
EW-2103	5.2	11.0	7,304	21.5	39.3	24.0	On
EW-2104	45.7	46.4	63,101	13.7	65.1	24.0	On
EW-3001	0.0	0.0	0	2.3	14.8	0.0	Off
EW-3002	0.4	0.7	607	2.0	13.6	24.0	On
EW-3003	0.0	0.0	0	3.8	13.8	0.0	Off

Daily Log

October 22, 2015 12AM to October 23, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.6	---	0.0	Off
EW-3005	2.8	3.5	4,030	-3.0	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.6	2,922	-3.5	---	24.0	On
EW-3008	0.9	2.7	885	-0.9	---	24.0	On
EW-3009	1.1	2.0	1,554	-1.7	---	24.0	On
EW-3010	1.5	2.4	2,189	-1.9	---	24.0	On
EW-3011	0.0	0.8	561	1.9	26.2	18.4	Off
EW-3012	0.7	5.7	749	-4.9	30.1	19.5	On
EW-3013	1.1	5.3	1,296	-6.2	35.8	19.5	On
EW-3014	0.0	0.9	157	-4.1	39.6	9.7	Off
EW-3015	1.3	4.9	1,562	-6.0	42.5	19.4	On
EW-3016	0.8	2.9	956	-4.0	46.8	19.5	On
EW-3017	0.4	1.2	295	-5.5	48.5	15.0	On
EW-3018	0.0	0.9	55	-4.5	48.6	3.5	Off
EW-3019	0.9	3.6	1,125	-1.4	49.1	19.5	On
EW-3020	4.0	5.9	4,697	-1.9	41.1	19.5	On
EW-3021	0.4	0.7	496	0.1	28.9	23.6	On
EW-3022	0.9	1.8	1,233	-2.4	35.8	24.0	On
EW-3023	1.7	5.3	2,006	1.3	28.0	19.5	On
EW-3024	0.5	0.8	634	1.6	---	24.0	On
EW-3025	2.0	2.6	2,959	-0.2	37.9	24.0	On
EW-3026	2.7	3.3	3,927	-2.6	38.7	24.0	On
EW-3027	0.0	0.0	0	1.3	---	0.0	Off
EW-4001	2.9	3.4	4,159	-14.3	33.5	24.0	On
EW-4002	2.3	2.8	3,259	-46.9	15.4	24.0	On
EW-4003	2.1	2.4	2,874	-28.0	---	24.0	On
EW-4004	1.5	1.8	1,786	-13.3	17.0	19.5	On
EW-4005	2.1	2.4	2,874	-17.4	---	24.0	On
EW-4006	1.5	2.3	2,105	-50.9	33.1	24.0	On
EW-4007	1.0	1.2	1,424	-2.0	36.9	24.0	On
EW-4008	2.9	3.6	4,230	-12.5	40.0	24.0	On
EW-4009	0.9	1.4	928	-18.7	37.1	19.5	On
EW-4010	2.2	2.3	3,064	-3.9	47.8	24.0	On
EW-4011	2.1	2.5	3,004	-17.9	47.1	24.0	On
EW-5001	2.1	2.4	2,901	-21.9	---	24.0	On
EW-5002	0.0	0.0	0	3.9	0.9	0.0	Off
EW Totals	**176.6**		**222,560**				

	Value	Total (KGal)	Peak Flow
FIT-100	175 GPM	221.6	198 GPM
FIT-500	0 GPM	204.3	272 GPM
Effluent Temp	96.6 °F		
Effluent pH	6.3		

Recharge and Injection Daily Report

October 22, 2015 12AM to October 23, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	26.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 22, 2015 12AM to October 23, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	36.6
Permeate Flow	FIT-642	0 GPM	26.6
Concentrate Flow	FIT-643	0 GPM	9.4

Inlet Conductivity	CIT-630	1,052.4 µS
Outlet Conductivity	CIT-642	173.6 µS
Hours Run		6.7 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 23, 2015 12AM to October 24, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,848	1.7	41.0	24.0	On
EW-2002	0.9	1.1	1,349	6.2	40.3	24.0	On
EW-2003	1.4	1.6	2,045	5.7	38.0	24.0	On
EW-2004	0.6	0.7	836	6.9	33.1	24.0	On
EW-2005	0.6	0.8	784	7.3	30.9	24.0	On
EW-2006	1.4	1.6	2,033	5.6	27.8	24.0	On
EW-2007	2.1	2.4	3,065	7.7	23.7	24.0	On
EW-2008	0.7	0.9	996	3.1	23.6	24.0	On
EW-2009	1.1	1.3	1,622	3.5	23.7	24.0	On
EW-2010	0.0	0.5	260	5.3	22.8	14.9	Off
EW-2011	0.4	0.5	361	8.6	21.3	18.1	On
EW-2012	0.0	0.5	166	11.8	14.8	9.1	Off
EW-2013	0.3	0.4	482	16.9	14.9	23.8	On
EW-2014	1.1	1.7	1,553	13.2	19.0	24.0	On
EW-2015	0.5	0.6	610	12.9	14.8	23.2	On
EW-2016	0.7	0.7	850	11.8	---	22.9	On
EW-2017	1.4	1.5	2,043	12.8	---	24.0	On
EW-2018	0.7	1.1	970	11.6	---	24.0	On
EW-2019	0.0	0.3	262	12.6	---	14.8	Off
EW-2020	0.4	0.5	393	11.3	---	18.8	On
EW-2021	0.3	0.4	341	12.9	---	17.8	On
EW-2022	0.5	0.5	470	12.4	---	20.8	On
EW-2023	0.3	0.5	606	13.2	---	23.7	On
EW-2024	0.0	0.4	290	10.2	---	16.1	Off
EW-2025	0.9	1.1	1,364	10.8	---	24.0	On
EW-2026	0.8	1.0	1,150	9.8	---	24.0	On
EW-2027	0.9	1.1	1,239	9.3	---	24.0	On
EW-2028	0.8	1.0	1,157	9.3	---	24.0	On
EW-2029	0.9	1.1	1,325	8.6	---	24.0	On
EW-2030	1.6	1.8	2,220	10.4	---	24.0	On
EW-2031	1.6	1.8	2,275	11.3	---	24.0	On
EW-2032	0.5	0.8	784	9.5	---	24.0	On
EW-2033	0.6	0.8	841	9.5	---	24.0	On
EW-2034	0.7	1.2	1,057	9.2	28.2	24.0	On
EW-2035	0.0	0.0	0	21.2	-1.8	0.0	Off
EW-2036	0.8	1.4	1,156	13.2	32.9	24.0	On
EW-2037	1.0	2.1	1,429	4.0	36.8	24.0	On
EW-2101	26.9	30.9	38,456	15.5	52.7	24.0	On
EW-2102	19.5	22.6	27,976	16.7	59.6	23.9	On
EW-2103	5.2	11.2	7,355	21.4	39.3	24.0	On
EW-2104	45.7	46.2	65,559	13.6	65.4	24.0	On
EW-3001	0.0	0.0	0	2.1	15.0	0.0	Off
EW-3002	0.4	0.5	602	1.8	13.7	24.0	On
EW-3003	0.0	0.0	0	3.8	13.9	0.0	Off

Daily Log

October 23, 2015 12AM to October 24, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.6	---	0.0	Off
EW-3005	2.7	2.9	3,901	-3.0	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.1	2,858	-3.6	---	24.0	On
EW-3008	0.9	0.9	957	-0.6	---	24.0	On
EW-3009	1.1	1.3	1,500	-1.9	---	24.0	On
EW-3010	1.5	1.7	2,085	-2.0	---	24.0	On
EW-3011	0.5	0.9	572	0.4	26.8	19.7	On
EW-3012	0.6	2.0	890	-4.9	30.5	24.0	On
EW-3013	1.0	2.3	1,555	-6.1	36.4	24.0	On
EW-3014	0.3	0.7	170	-4.4	40.3	11.0	On
EW-3015	1.3	5.3	1,867	-5.9	43.4	24.0	On
EW-3016	0.8	1.9	1,126	-4.0	47.5	24.0	On
EW-3017	0.3	1.0	342	-5.7	49.2	17.3	On
EW-3018	0.0	0.8	57	-4.3	49.2	3.7	Off
EW-3019	0.9	2.5	1,343	-1.4	49.8	24.0	On
EW-3020	3.9	4.1	5,669	-1.6	40.6	24.0	On
EW-3021	0.4	0.7	482	0.0	28.9	23.1	On
EW-3022	0.8	1.5	1,209	-2.3	35.7	24.0	On
EW-3023	1.6	2.3	2,407	1.1	28.2	24.0	On
EW-3024	0.5	0.5	652	1.3	---	24.0	On
EW-3025	2.0	2.4	2,830	-0.2	37.8	24.0	On
EW-3026	2.7	3.2	3,847	-2.7	38.7	24.0	On
EW-3027	0.0	0.0	0	1.2	---	0.0	Off
EW-4001	2.9	3.4	4,143	-14.5	33.5	24.0	On
EW-4002	2.2	2.5	3,233	-47.2	15.4	24.0	On
EW-4003	2.0	2.2	2,925	-27.5	---	24.0	On
EW-4004	1.6	1.8	2,224	-13.6	17.1	24.0	On
EW-4005	2.0	2.2	2,891	-16.8	---	24.0	On
EW-4006	1.5	2.2	2,087	-51.0	33.0	24.0	On
EW-4007	1.0	1.2	1,424	-2.5	36.9	24.0	On
EW-4008	2.9	3.6	4,208	-12.5	39.9	24.0	On
EW-4009	0.8	1.2	1,179	-19.1	37.6	24.0	On
EW-4010	2.2	2.4	3,136	-4.0	47.9	24.0	On
EW-4011	2.1	2.4	2,990	-17.9	47.2	24.0	On
EW-5001	2.0	2.2	2,910	-21.0	---	24.0	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**175.1**		**250,854**				

	Value	Total (KGal)	Peak Flow
FIT-100	174 GPM	248.9	178 GPM
FIT-500	250 GPM	224.0	275 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

October 23, 2015 12AM to October 24, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	35 GPM	0.0
RC-7003	FIT-665	38 GPM	28.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 23, 2015 12AM to October 24, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	40.2
Permeate Flow	FIT-642	70 GPM	29.1
Concentrate Flow	FIT-643	25 GPM	10.4

Inlet Conductivity	CIT-630	1,070.6 µS
Outlet Conductivity	CIT-642	29.0 µS
Hours Run		6.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 24, 2015 12AM to October 25, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.0	2,815	1.6	40.9	24.0	On
EW-2002	0.9	0.9	1,325	6.1	40.4	24.0	On
EW-2003	1.4	1.4	2,001	5.6	38.0	24.0	On
EW-2004	0.6	0.6	822	6.9	33.1	24.0	On
EW-2005	0.5	0.6	774	7.2	30.7	24.0	On
EW-2006	1.4	1.4	1,998	5.6	27.7	24.0	On
EW-2007	2.1	2.1	3,034	7.6	23.5	24.0	On
EW-2008	0.7	0.8	986	3.0	23.7	24.0	On
EW-2009	1.1	1.2	1,610	3.3	23.8	24.0	On
EW-2010	0.3	0.4	257	6.2	23.0	14.8	On
EW-2011	0.3	0.5	357	9.5	21.5	17.6	On
EW-2012	0.3	0.4	163	13.1	14.6	9.0	On
EW-2013	0.3	0.5	458	18.8	14.7	23.0	On
EW-2014	1.1	1.4	1,544	13.1	17.6	24.0	On
EW-2015	0.5	0.6	609	12.0	14.0	23.2	On
EW-2016	0.7	0.7	848	9.9	---	22.9	On
EW-2017	1.4	1.4	2,025	12.6	---	24.0	On
EW-2018	0.7	1.0	981	11.6	---	24.0	On
EW-2019	0.0	0.3	273	11.4	---	15.5	Off
EW-2020	0.4	0.5	392	10.5	---	18.8	On
EW-2021	0.0	0.3	341	12.1	---	17.8	Off
EW-2022	0.4	0.5	470	11.9	---	20.8	On
EW-2023	0.4	0.5	569	12.2	---	22.7	On
EW-2024	0.0	0.4	288	9.6	---	16.0	Off
EW-2025	1.0	1.1	1,356	10.8	---	24.0	On
EW-2026	0.8	1.0	1,141	9.8	---	24.0	On
EW-2027	0.9	1.1	1,232	9.3	---	24.0	On
EW-2028	0.8	1.0	1,151	9.3	---	24.0	On
EW-2029	0.9	1.1	1,318	8.6	---	24.0	On
EW-2030	1.6	1.6	2,208	10.2	---	24.0	On
EW-2031	1.6	1.7	2,257	11.1	---	24.0	On
EW-2032	0.5	0.8	779	9.6	---	24.0	On
EW-2033	0.6	0.8	838	9.5	---	24.0	On
EW-2034	0.7	0.8	1,048	9.0	27.9	24.0	On
EW-2035	0.0	0.0	0	21.2	-1.8	0.0	Off
EW-2036	0.8	0.9	1,142	13.2	30.4	24.0	On
EW-2037	1.0	1.7	1,418	4.0	33.8	24.0	On
EW-2101	26.9	27.1	38,699	15.3	51.9	24.0	On
EW-2102	19.1	19.7	27,790	16.6	58.4	24.0	On
EW-2103	5.2	8.9	7,359	21.3	34.5	24.0	On
EW-2104	40.0	46.0	64,442	13.7	54.2	24.0	On
EW-3001	0.0	0.0	0	2.1	14.6	0.0	Off
EW-3002	0.4	0.5	589	1.6	13.3	23.5	On
EW-3003	0.0	0.0	0	3.8	13.4	0.0	Off

Daily Log

October 24, 2015 12AM to October 25, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.4	---	0.0	Off
EW-3005	2.6	2.7	3,806	-3.1	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.0	2,768	-3.6	---	24.0	On
EW-3008	1.0	3.5	1,541	0.0	---	24.0	On
EW-3009	1.0	1.1	1,414	-2.0	---	24.0	On
EW-3010	1.4	1.5	2,013	-2.1	---	24.0	On
EW-3011	0.5	0.8	544	0.1	26.4	18.6	On
EW-3012	0.6	0.8	884	-5.2	30.1	24.0	On
EW-3013	1.1	1.2	1,545	-6.3	36.1	24.0	On
EW-3014	0.0	0.4	166	-3.8	39.8	10.8	On
EW-3015	1.3	1.4	1,856	-6.1	42.8	24.0	On
EW-3016	0.8	0.9	1,117	-4.0	47.0	24.0	On
EW-3017	0.3	0.5	339	-6.3	48.8	17.1	On
EW-3018	0.0	0.5	56	-4.6	48.7	3.6	Off
EW-3019	0.9	1.1	1,332	-1.4	49.4	24.0	On
EW-3020	3.9	3.9	5,647	-1.7	40.6	24.0	On
EW-3021	0.3	0.6	414	0.1	26.9	21.3	On
EW-3022	0.8	1.1	1,175	-2.4	33.9	24.0	On
EW-3023	1.6	1.7	2,377	1.1	27.8	24.0	On
EW-3024	0.5	0.5	645	1.1	---	23.9	On
EW-3025	2.0	2.0	2,832	-0.5	36.0	24.0	On
EW-3026	2.7	2.8	3,849	-2.8	36.8	24.0	On
EW-3027	0.0	0.0	0	1.1	---	0.0	Off
EW-4001	3.0	3.2	4,163	-15.9	31.1	24.0	On
EW-4002	2.2	2.4	3,216	-46.9	14.9	24.0	On
EW-4003	2.0	2.1	2,888	-27.9	---	24.0	On
EW-4004	1.6	1.6	2,229	-14.0	17.0	24.0	On
EW-4005	2.0	2.0	2,829	-17.2	---	24.0	On
EW-4006	1.4	1.7	2,071	-50.9	31.1	24.0	On
EW-4007	1.0	1.2	1,475	-2.7	35.0	24.0	On
EW-4008	2.9	3.5	4,204	-12.6	35.1	24.0	On
EW-4009	0.8	0.9	1,191	-19.4	37.4	24.0	On
EW-4010	2.2	2.3	3,176	-4.3	45.6	24.0	On
EW-4011	2.2	2.3	2,997	-19.5	44.9	24.0	On
EW-5001	2.0	2.0	2,852	-21.2	---	24.0	On
EW-5002	0.0	0.0	0	3.8	0.9	0.0	Off
EW Totals	**169.0**		**249,316**				

	Value	Total (KGal)	Peak Flow
FIT-100	167 GPM	247.5	178 GPM
FIT-500	201 GPM	215.2	271 GPM
Effluent Temp	97.5 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

October 24, 2015 12AM to October 25, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	29.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 24, 2015 12AM to October 25, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	42.1
Permeate Flow	FIT-642	0 GPM	30.6
Concentrate Flow	FIT-643	0 GPM	10.8

Inlet Conductivity	CIT-630	1,077.8 µS
Outlet Conductivity	CIT-642	171.9 µS
Hours Run		7.6 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 25, 2015 12AM to October 26, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.9	2,810	1.5	41.3	23.9	On
EW-2002	0.9	2.8	1,335	6.0	40.6	23.9	On
EW-2003	1.4	3.5	2,029	5.5	38.3	23.9	On
EW-2004	0.6	2.4	812	6.9	33.2	23.9	On
EW-2005	0.5	2.4	766	7.3	30.9	23.9	On
EW-2006	1.4	3.4	1,984	5.6	27.8	23.9	On
EW-2007	2.1	4.9	3,032	7.6	23.6	23.9	On
EW-2008	0.7	3.6	993	3.1	23.5	23.9	On
EW-2009	1.1	4.0	1,603	3.3	23.6	23.9	On
EW-2010	0.3	0.6	257	6.5	22.7	14.6	On
EW-2011	0.0	0.6	358	8.8	21.2	17.5	Off
EW-2012	0.0	0.4	163	13.4	14.4	8.7	Off
EW-2013	0.4	0.5	405	17.9	14.5	20.4	On
EW-2014	1.1	4.4	1,533	13.2	17.6	23.9	On
EW-2015	0.5	0.6	614	12.5	14.0	23.6	On
EW-2016	0.7	0.7	844	10.5	---	22.7	On
EW-2017	1.4	4.2	2,013	12.8	---	23.9	On
EW-2018	0.8	4.0	991	11.9	---	23.9	On
EW-2019	0.3	0.3	255	11.3	---	14.4	On
EW-2020	0.0	0.5	390	11.8	---	18.3	Off
EW-2021	0.0	0.4	335	12.7	---	17.5	Off
EW-2022	0.5	0.5	469	13.0	---	19.8	On
EW-2023	0.5	0.5	564	11.8	---	22.9	On
EW-2024	0.0	0.4	285	10.2	---	15.4	Off
EW-2025	1.1	4.5	1,341	11.1	---	23.9	On
EW-2026	1.0	4.3	1,129	10.1	---	23.9	On
EW-2027	1.0	4.6	1,223	9.6	---	23.9	On
EW-2028	1.0	4.2	1,144	9.6	---	23.9	On
EW-2029	1.1	5.1	1,312	8.9	---	23.9	On
EW-2030	1.6	7.1	2,191	10.5	---	23.9	On
EW-2031	1.6	7.4	2,231	11.4	---	23.9	On
EW-2032	0.8	3.0	772	9.7	---	23.9	On
EW-2033	0.8	2.6	831	9.8	---	23.9	On
EW-2034	0.7	2.8	1,038	9.1	28.1	23.9	On
EW-2035	0.0	0.0	0	21.1	-1.8	0.0	Off
EW-2036	0.8	3.1	1,138	13.3	30.0	23.9	On
EW-2037	1.0	5.8	1,411	4.0	33.4	23.9	On
EW-2101	26.6	28.0	38,513	15.1	53.0	23.9	On
EW-2102	18.7	19.9	27,230	16.4	58.2	23.9	On
EW-2103	5.2	5.3	7,290	21.3	34.5	23.9	On
EW-2104	40.1	40.3	57,405	13.8	54.0	23.9	On
EW-3001	0.0	0.0	0	2.2	14.4	0.0	Off
EW-3002	0.5	0.5	611	1.9	13.2	23.7	On
EW-3003	0.0	0.0	0	3.8	13.4	0.0	Off

Daily Log

October 25, 2015 12AM to October 26, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	2.8	6.8	3,903	-2.9	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	5.5	2,815	-3.4	---	23.8	On
EW-3008	0.0	7.2	503	3.3	---	8.2	Off
EW-3009	1.1	5.1	1,483	-1.7	---	23.9	On
EW-3010	1.5	5.7	2,055	-2.0	---	23.9	On
EW-3011	0.5	0.8	668	0.6	26.6	22.5	On
EW-3012	0.7	5.0	878	-4.8	30.5	23.9	On
EW-3013	1.1	4.9	1,536	-6.1	36.7	23.9	On
EW-3014	0.4	0.5	164	-4.5	40.5	10.6	On
EW-3015	1.3	4.7	1,849	-5.9	43.4	23.9	On
EW-3016	0.7	2.6	1,109	-4.0	47.6	23.9	On
EW-3017	0.5	0.5	336	-5.8	49.7	17.0	On
EW-3018	0.3	0.5	54	-4.2	49.7	3.5	On
EW-3019	0.9	3.4	1,320	-1.3	50.3	23.9	On
EW-3020	3.9	6.0	5,631	-1.8	40.8	23.9	On
EW-3021	0.4	0.5	466	0.2	27.0	22.6	On
EW-3022	0.8	5.0	1,177	-2.3	34.1	23.9	On
EW-3023	1.6	5.0	2,365	1.3	28.1	23.9	On
EW-3024	0.5	0.5	632	1.7	---	23.9	On
EW-3025	2.0	2.5	2,885	-0.3	36.3	23.9	On
EW-3026	2.7	4.7	3,869	-2.8	37.0	23.9	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	2.9	3.2	4,200	-15.0	30.7	23.9	On
EW-4002	2.3	6.3	3,207	-46.8	14.8	23.9	On
EW-4003	2.0	2.1	2,796	-26.5	---	23.9	On
EW-4004	1.6	1.6	2,191	-13.5	17.0	23.9	On
EW-4005	1.9	2.0	2,750	-16.2	---	23.9	On
EW-4006	1.4	4.8	2,066	-51.0	31.3	23.9	On
EW-4007	1.0	1.1	1,472	-2.5	35.3	23.9	On
EW-4008	2.9	3.0	4,155	-12.6	35.1	23.9	On
EW-4009	0.8	0.9	1,158	-18.8	37.9	23.9	On
EW-4010	2.2	2.3	3,123	-3.9	44.3	23.9	On
EW-4011	2.0	2.2	2,975	-18.1	43.6	23.9	On
EW-5001	2.0	2.0	2,773	-20.1	---	23.9	On
EW-5002	0.0	0.0	0	3.8	0.9	0.0	Off
EW Totals	**169.5**		**240,216**				

	Value	Total (KGal)	Peak Flow
FIT-100	168 GPM	238.3	192 GPM
FIT-500	205 GPM	217.2	273 GPM
Effluent Temp	97.5 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

October 25, 2015 12AM to October 26, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	27.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 25, 2015 12AM to October 26, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	40.6
Permeate Flow	FIT-642	0 GPM	29.5
Concentrate Flow	FIT-643	0 GPM	10.5

Inlet Conductivity	CIT-630	1,073.5 µS
Outlet Conductivity	CIT-642	194.2 µS
Hours Run		6.5 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 26, 2015 12AM to October 27, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.0	2,796	1.6	40.7	24.0	On
EW-2002	0.9	1.0	1,325	6.1	40.0	24.0	On
EW-2003	1.4	1.5	1,977	5.7	37.7	24.0	On
EW-2004	0.6	0.6	813	6.8	32.8	24.0	On
EW-2005	0.6	0.7	760	7.4	30.5	24.0	On
EW-2006	1.4	1.5	1,961	5.6	27.4	24.0	On
EW-2007	2.1	2.2	3,011	7.7	23.1	24.0	On
EW-2008	0.7	0.8	994	3.2	23.5	24.0	On
EW-2009	1.1	1.3	1,599	3.4	23.6	24.0	On
EW-2010	0.3	0.4	257	5.8	22.7	14.7	On
EW-2011	0.4	0.5	355	9.1	21.2	17.7	On
EW-2012	0.0	0.4	164	11.6	14.9	8.9	Off
EW-2013	0.4	0.4	388	17.1	15.1	19.7	On
EW-2014	1.1	1.2	1,530	13.2	19.1	24.0	On
EW-2015	0.5	0.5	611	13.0	14.8	23.5	On
EW-2016	0.7	0.8	853	11.0	---	23.0	On
EW-2017	1.4	1.5	1,997	12.8	---	24.0	On
EW-2018	0.9	1.1	991	11.9	---	24.0	On
EW-2019	0.3	0.3	256	12.8	---	14.5	On
EW-2020	0.4	0.5	391	10.1	---	18.5	On
EW-2021	0.3	0.3	336	12.6	---	17.7	On
EW-2022	0.5	0.6	469	12.4	---	20.5	On
EW-2023	0.5	0.5	578	12.0	---	23.3	On
EW-2024	0.4	0.4	286	10.1	---	15.7	On
EW-2025	1.1	1.3	1,336	11.1	---	24.0	On
EW-2026	1.0	1.1	1,125	10.1	---	24.0	On
EW-2027	1.0	1.2	1,219	9.5	---	24.0	On
EW-2028	1.0	1.2	1,142	9.5	---	24.0	On
EW-2029	1.1	1.2	1,308	8.8	---	24.0	On
EW-2030	1.6	1.8	2,184	10.5	---	24.0	On
EW-2031	1.6	1.8	2,218	11.4	---	24.0	On
EW-2032	0.8	1.0	770	9.7	---	24.0	On
EW-2033	0.8	1.0	829	9.8	---	24.0	On
EW-2034	0.7	1.0	1,034	9.1	25.8	24.0	On
EW-2035	0.0	0.0	0	21.1	-1.8	0.0	Off
EW-2036	0.8	0.8	1,127	13.3	32.9	24.0	On
EW-2037	1.0	1.1	1,406	4.1	36.8	24.0	On
EW-2101	20.1	26.9	32,455	15.9	44.9	23.9	On
EW-2102	20.3	22.2	28,400	16.2	53.7	23.9	On
EW-2103	5.1	5.3	7,312	21.3	39.2	24.0	On
EW-2104	45.4	45.9	62,432	13.4	65.1	24.0	On
EW-3001	0.0	0.0	0	2.2	15.0	0.0	Off
EW-3002	0.5	0.5	604	2.0	13.6	23.9	On
EW-3003	0.0	0.0	0	3.8	13.8	0.0	Off

Daily Log

October 26, 2015 12AM to October 27, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	2.8	2.9	3,943	-2.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.1	2,858	-3.3	---	24.0	On
EW-3008	0.0	7.1	185	3.4	---	3.8	Off
EW-3009	1.2	1.3	1,505	-1.7	---	24.0	On
EW-3010	1.5	1.6	2,071	-1.9	---	24.0	On
EW-3011	0.6	0.9	617	0.6	24.3	20.9	On
EW-3012	0.7	1.8	882	-4.9	27.4	24.0	On
EW-3013	1.1	2.3	1,537	-6.3	32.6	24.0	On
EW-3014	0.0	0.8	160	-4.4	35.9	10.3	Off
EW-3015	1.3	2.5	1,849	-6.0	38.5	24.0	On
EW-3016	0.8	1.7	1,102	-3.7	42.2	24.0	On
EW-3017	0.4	0.9	337	-7.3	43.2	17.0	On
EW-3018	0.0	1.0	55	-4.3	43.0	3.4	Off
EW-3019	0.9	2.1	1,314	-1.4	43.7	24.0	On
EW-3020	3.9	4.0	5,604	-1.6	40.2	24.0	On
EW-3021	0.4	0.4	474	0.3	29.0	23.1	On
EW-3022	0.8	1.0	1,179	-2.2	35.8	24.0	On
EW-3023	1.7	2.2	2,393	1.2	25.5	24.0	On
EW-3024	0.5	0.6	633	2.0	---	23.9	On
EW-3025	2.0	2.1	2,858	-0.2	37.9	24.0	On
EW-3026	2.6	2.7	3,828	-2.7	38.7	24.0	On
EW-3027	0.0	0.0	0	1.5	---	0.0	Off
EW-4001	2.9	2.9	4,135	-15.1	33.5	24.0	On
EW-4002	2.2	2.4	3,200	-47.2	15.0	24.0	On
EW-4003	2.1	2.3	2,873	-28.3	---	24.0	On
EW-4004	1.6	1.8	2,224	-14.4	16.6	24.0	On
EW-4005	2.0	2.1	2,771	-17.0	---	24.0	On
EW-4006	1.5	1.5	2,042	-50.8	33.1	24.0	On
EW-4007	1.0	1.1	1,426	-2.6	37.0	24.0	On
EW-4008	3.0	3.0	4,195	-12.9	39.9	24.0	On
EW-4009	0.8	1.2	1,185	-19.1	34.0	24.0	On
EW-4010	2.1	2.2	3,084	-3.9	47.6	24.0	On
EW-4011	2.1	2.1	2,953	-18.7	46.9	24.0	On
EW-5001	2.0	2.1	2,798	-20.7	---	24.0	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**171.2**		**239,868**				

	Value	Total (KGal)	Peak Flow
FIT-100	170 GPM	238.3	174 GPM
FIT-500	57 GPM	213.9	273 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

October 26, 2015 12AM to October 27, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	35 GPM	0.0
RC-7003	FIT-665	38 GPM	29.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 26, 2015 12AM to October 27, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	42.3
Permeate Flow	FIT-642	72 GPM	30.7
Concentrate Flow	FIT-643	23 GPM	10.9

Inlet Conductivity	CIT-630	1,063.1 µS
Outlet Conductivity	CIT-642	28.1 µS
Hours Run		7.0 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 27, 2015 12AM to October 28, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.0	2,778	1.7	41.0	24.0	On
EW-2002	0.9	0.9	1,314	6.2	40.4	24.0	On
EW-2003	1.4	1.4	1,958	5.7	38.1	24.0	On
EW-2004	0.6	0.6	805	6.8	33.2	24.0	On
EW-2005	0.5	0.7	754	7.0	30.8	24.0	On
EW-2006	1.3	1.4	1,931	5.6	27.7	24.0	On
EW-2007	2.1	2.2	2,977	7.6	23.4	24.0	On
EW-2008	0.7	0.8	1,018	3.0	23.5	24.0	On
EW-2009	1.1	1.2	1,611	3.2	23.6	24.0	On
EW-2010	0.3	0.4	259	6.5	22.7	14.8	On
EW-2011	0.0	0.5	356	9.2	21.2	17.6	Off
EW-2012	0.0	0.4	163	11.2	15.4	8.7	Off
EW-2013	0.4	0.4	376	17.7	15.6	19.0	On
EW-2014	1.1	1.5	1,526	13.1	19.4	24.0	On
EW-2015	0.5	0.6	627	11.9	15.3	23.8	On
EW-2016	0.7	0.7	865	10.0	---	23.1	On
EW-2017	1.4	1.5	2,025	12.7	---	24.0	On
EW-2018	0.7	1.0	998	11.6	---	24.0	On
EW-2019	0.0	0.3	244	12.7	---	13.9	Off
EW-2020	0.4	0.5	389	10.7	---	18.5	On
EW-2021	0.0	0.3	340	11.8	---	17.9	Off
EW-2022	0.4	0.5	472	12.0	---	20.7	On
EW-2023	0.4	0.5	585	11.4	---	23.0	On
EW-2024	0.0	0.4	289	9.9	---	15.9	Off
EW-2025	0.9	1.2	1,341	10.8	---	24.0	On
EW-2026	0.8	1.1	1,124	9.8	---	24.0	On
EW-2027	0.9	1.1	1,220	9.3	---	24.0	On
EW-2028	0.8	1.1	1,144	9.3	---	24.0	On
EW-2029	0.9	1.2	1,309	8.6	---	24.0	On
EW-2030	1.5	1.7	2,187	10.2	---	24.0	On
EW-2031	1.6	1.7	2,218	11.1	---	24.0	On
EW-2032	0.5	0.9	767	9.5	---	24.0	On
EW-2033	0.6	0.9	828	9.5	---	24.0	On
EW-2034	0.7	0.9	1,033	9.1	26.1	24.0	On
EW-2035	0.0	0.0	0	21.1	-1.8	0.0	Off
EW-2036	0.8	1.0	1,113	13.3	33.0	24.0	On
EW-2037	1.0	1.8	1,420	4.0	36.8	24.0	On
EW-2101	20.0	23.5	28,784	15.9	46.4	24.0	On
EW-2102	20.1	21.2	28,580	16.1	53.4	24.0	On
EW-2103	5.2	10.7	7,322	21.4	39.0	24.0	On
EW-2104	44.6	45.7	64,528	13.4	63.9	24.0	On
EW-3001	0.0	0.0	0	2.1	15.4	0.0	Off
EW-3002	0.4	0.5	589	1.8	14.2	23.8	On
EW-3003	0.0	0.0	0	3.8	14.3	0.0	Off

Daily Log

October 27, 2015 12AM to October 28, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.6	---	0.0	Off
EW-3005	2.6	2.8	3,777	-3.0	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.1	2,760	-3.7	---	24.0	On
EW-3008	1.1	1.6	1,045	0.5	---	16.8	On
EW-3009	1.0	1.2	1,422	-2.0	---	24.0	On
EW-3010	1.4	1.5	2,009	-2.2	---	24.0	On
EW-3011	0.5	0.9	480	0.3	24.7	16.0	On
EW-3012	0.6	1.4	882	-5.1	27.8	24.0	On
EW-3013	1.1	1.9	1,540	-6.3	33.2	24.0	On
EW-3014	0.3	0.8	163	-4.4	36.7	10.4	On
EW-3015	1.3	2.3	1,848	-6.0	39.6	24.0	On
EW-3016	0.8	1.5	1,099	-4.1	43.4	24.0	On
EW-3017	0.3	1.1	331	-5.5	44.4	16.7	On
EW-3018	0.0	0.5	55	-4.7	44.2	3.5	Off
EW-3019	0.9	2.0	1,310	-1.5	44.9	24.0	On
EW-3020	3.8	3.9	5,544	-1.6	40.6	24.0	On
EW-3021	0.3	0.7	437	0.3	29.0	21.7	On
EW-3022	0.8	1.2	1,148	-2.4	35.6	24.0	On
EW-3023	1.6	2.3	2,399	1.1	25.9	24.0	On
EW-3024	0.5	0.6	630	1.2	---	23.8	On
EW-3025	2.0	2.1	2,854	-0.4	37.7	24.0	On
EW-3026	2.6	2.8	3,805	-2.7	38.5	24.0	On
EW-3027	0.0	0.0	0	1.1	---	0.0	Off
EW-4001	2.9	3.3	4,125	-15.1	33.7	24.0	On
EW-4002	2.2	2.4	3,189	-47.2	15.7	24.0	On
EW-4003	2.0	2.1	2,915	-28.0	---	24.0	On
EW-4004	1.6	1.8	2,250	-14.4	17.0	24.0	On
EW-4005	1.9	2.0	2,799	-16.9	---	24.0	On
EW-4006	1.4	1.9	2,030	-51.1	32.9	24.0	On
EW-4007	1.0	1.2	1,405	-2.5	36.7	24.0	On
EW-4008	2.9	3.7	4,200	-13.1	39.7	24.0	On
EW-4009	0.8	1.2	1,183	-20.0	34.4	24.0	On
EW-4010	2.1	2.2	3,069	-3.3	47.9	24.0	On
EW-4011	2.1	2.3	2,987	-18.7	47.0	24.0	On
EW-5001	2.0	2.1	2,823	-20.6	---	24.0	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**166.6**		**238,680**				

	Value	Total (KGal)	Peak Flow
FIT-100	166 GPM	236.9	172 GPM
FIT-500	195 GPM	213.6	268 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

October 27, 2015 12AM to October 28, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	22.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 27, 2015 12AM to October 28, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	34.1
Permeate Flow	FIT-642	0 GPM	24.6
Concentrate Flow	FIT-643	0 GPM	8.9

Inlet Conductivity	CIT-630	1,047.2 µS
Outlet Conductivity	CIT-642	122.7 µS
Hours Run		7.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 28, 2015 12AM to October 29, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.0	2,798	1.6	40.4	24.0	On
EW-2002	0.9	1.0	1,320	6.1	39.9	24.0	On
EW-2003	1.3	1.4	1,941	5.7	37.5	24.0	On
EW-2004	0.6	0.6	803	6.8	32.6	24.0	On
EW-2005	0.5	0.6	747	7.3	30.2	24.0	On
EW-2006	1.3	1.4	1,902	5.7	27.1	24.0	On
EW-2007	2.1	2.1	2,956	7.6	22.8	24.0	On
EW-2008	0.7	0.8	1,026	3.1	23.1	24.0	On
EW-2009	1.1	1.2	1,621	3.4	23.2	24.0	On
EW-2010	0.3	0.4	265	5.1	22.4	15.1	On
EW-2011	0.4	0.5	360	8.8	20.9	17.5	On
EW-2012	0.4	0.5	158	12.6	14.6	8.5	On
EW-2013	0.3	0.5	369	18.6	14.7	18.8	On
EW-2014	1.1	1.7	1,516	13.4	17.0	24.0	On
EW-2015	0.5	0.6	612	11.9	13.6	23.8	On
EW-2016	0.7	0.8	852	12.2	---	23.1	On
EW-2017	1.4	1.5	2,020	12.7	---	24.0	On
EW-2018	0.9	1.1	993	11.9	---	24.0	On
EW-2019	0.3	0.4	248	12.8	---	14.0	On
EW-2020	0.4	0.5	386	11.1	---	18.3	On
EW-2021	0.3	0.4	334	12.9	---	17.6	On
EW-2022	0.5	0.6	472	11.5	---	20.4	On
EW-2023	0.4	0.5	578	11.4	---	23.5	On
EW-2024	0.0	0.4	285	9.8	---	15.6	Off
EW-2025	1.1	1.3	1,334	11.1	---	24.0	On
EW-2026	1.0	1.1	1,118	10.1	---	24.0	On
EW-2027	1.0	1.2	1,219	9.6	---	24.0	On
EW-2028	1.0	1.2	1,142	9.6	---	24.0	On
EW-2029	1.1	1.2	1,306	8.9	---	24.0	On
EW-2030	1.6	1.7	2,180	10.5	---	24.0	On
EW-2031	1.6	1.8	2,225	11.4	---	24.0	On
EW-2032	0.8	0.9	765	9.8	---	24.0	On
EW-2033	0.8	0.9	825	9.8	---	24.0	On
EW-2034	0.7	0.8	1,033	9.0	25.3	24.0	On
EW-2035	0.0	0.0	0	21.1	-1.9	0.0	Off
EW-2036	0.8	1.1	1,135	13.2	28.8	24.0	On
EW-2037	1.0	2.2	1,448	4.1	32.0	24.0	On
EW-2101	20.0	26.5	31,799	15.8	46.4	24.0	On
EW-2102	19.9	20.8	28,266	16.0	52.2	24.0	On
EW-2103	22.1	49.5	35,334	20.2	40.3	24.0	On
EW-2104	22.0	44.8	23,945	15.1	37.7	15.5	On
EW-3001	0.0	0.0	0	2.1	14.6	0.0	Off
EW-3002	0.4	0.5	560	1.9	13.2	23.5	On
EW-3003	0.0	0.0	0	3.8	13.3	0.0	Off

Daily Log

October 28, 2015 12AM to October 29, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.6	---	0.0	Off
EW-3005	2.6	2.7	3,661	-2.8	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.0	2,706	-3.4	---	24.0	On
EW-3008	1.1	1.2	1,492	0.5	---	24.0	On
EW-3009	1.1	1.2	1,359	-1.7	---	24.0	On
EW-3010	1.4	1.5	1,930	-1.9	---	24.0	On
EW-3011	0.5	0.8	547	1.0	23.8	18.5	On
EW-3012	0.7	1.5	876	-4.9	27.2	24.0	On
EW-3013	1.1	1.9	1,530	-6.2	32.7	24.0	On
EW-3014	0.0	0.4	158	-4.2	36.4	10.3	Off
EW-3015	1.3	2.2	1,843	-5.9	39.4	24.0	On
EW-3016	0.7	1.5	1,096	-3.8	43.4	24.0	On
EW-3017	0.4	1.0	322	-5.6	44.4	16.5	On
EW-3018	0.0	0.5	54	-4.1	44.2	3.5	Off
EW-3019	0.9	1.9	1,306	-1.3	45.0	24.0	On
EW-3020	3.9	3.9	5,558	-1.8	40.0	24.0	On
EW-3021	0.4	0.7	406	0.3	25.6	20.6	On
EW-3022	0.8	1.6	1,132	-2.3	32.0	24.0	On
EW-3023	1.6	2.1	2,363	1.4	25.1	24.0	On
EW-3024	0.5	0.6	614	1.7	---	23.7	On
EW-3025	1.9	2.3	2,787	-0.1	34.0	24.0	On
EW-3026	2.6	3.1	3,753	-2.6	34.8	24.0	On
EW-3027	0.0	0.0	0	1.2	---	0.0	Off
EW-4001	2.9	3.4	4,243	-15.2	29.5	24.0	On
EW-4002	2.3	2.4	3,181	-46.9	14.9	24.0	On
EW-4003	2.0	2.2	2,910	-28.2	---	24.0	On
EW-4004	1.6	1.8	2,317	-15.5	16.3	24.0	On
EW-4005	2.0	2.1	2,860	-17.9	---	24.0	On
EW-4006	1.4	2.2	2,021	-51.0	29.5	24.0	On
EW-4007	1.0	1.2	1,463	-2.8	33.3	24.0	On
EW-4008	3.0	3.8	4,376	-14.0	35.2	24.0	On
EW-4009	0.8	1.3	1,185	-20.3	33.9	24.0	On
EW-4010	2.2	2.4	3,130	-3.3	43.1	24.0	On
EW-4011	2.1	2.7	3,067	-19.0	42.4	24.0	On
EW-5001	2.0	2.2	2,891	-21.5	---	24.0	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**163.9**		**229,329**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	227.6	172 GPM
FIT-500	200 GPM	211.0	271 GPM
Effluent Temp	98.3 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

October 28, 2015 12AM to October 29, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	35 GPM	0.0
RC-7003	FIT-665	38 GPM	24.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 28, 2015 12AM to October 29, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	34.9
Permeate Flow	FIT-642	0 GPM	25.1
Concentrate Flow	FIT-643	0 GPM	9.1

Inlet Conductivity	CIT-630	1,060.2 µS
Outlet Conductivity	CIT-642	154.0 µS
Hours Run		5.2 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	98.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 29, 2015 12AM to October 30, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.1	2,774	1.6	40.3	24.0	On
EW-2002	0.9	1.0	1,304	6.1	39.5	24.0	On
EW-2003	1.3	1.5	1,918	5.7	37.2	24.0	On
EW-2004	0.5	0.7	790	6.9	32.2	24.0	On
EW-2005	0.5	0.9	738	7.2	29.8	24.0	On
EW-2006	1.3	1.4	1,868	5.6	26.9	24.0	On
EW-2007	2.1	2.4	2,953	7.5	22.4	24.0	On
EW-2008	0.7	0.8	1,004	3.0	22.4	24.0	On
EW-2009	1.1	1.4	1,607	3.3	22.5	24.0	On
EW-2010	0.0	0.5	261	5.5	21.6	14.8	Off
EW-2011	0.4	0.6	360	8.6	20.1	17.9	On
EW-2012	0.0	0.6	159	12.3	13.8	8.6	Off
EW-2013	0.3	0.6	362	18.2	13.9	18.6	On
EW-2014	1.1	1.6	1,514	13.0	16.0	24.0	On
EW-2015	0.5	0.7	588	11.4	13.1	23.1	On
EW-2016	0.0	0.9	849	10.6	---	23.0	Off
EW-2017	1.4	1.8	2,014	12.5	---	24.0	On
EW-2018	0.7	1.9	995	11.7	---	24.0	On
EW-2019	0.3	0.3	245	12.9	---	13.9	On
EW-2020	0.0	0.7	385	11.5	---	18.6	Off
EW-2021	0.3	0.5	335	11.4	---	17.8	On
EW-2022	0.3	0.7	460	12.9	---	20.7	On
EW-2023	0.5	0.6	592	11.0	---	23.5	On
EW-2024	0.3	0.5	284	9.7	---	15.6	On
EW-2025	0.9	1.9	1,330	10.8	---	24.0	On
EW-2026	0.8	1.8	1,116	9.8	---	24.0	On
EW-2027	0.9	1.9	1,217	9.3	---	24.0	On
EW-2028	0.8	1.9	1,141	9.3	---	24.0	On
EW-2029	0.9	1.9	1,305	8.6	---	24.0	On
EW-2030	1.5	2.3	2,176	10.2	---	24.0	On
EW-2031	1.6	2.3	2,212	11.1	---	24.0	On
EW-2032	0.5	1.7	767	9.5	---	24.0	On
EW-2033	0.6	1.5	824	9.6	---	24.0	On
EW-2034	0.7	0.9	1,032	9.1	25.4	24.0	On
EW-2035	0.0	0.0	0	21.0	-1.9	0.0	Off
EW-2036	0.8	1.1	1,119	13.1	26.9	24.0	On
EW-2037	1.0	2.0	1,439	3.9	29.8	24.0	On
EW-2101	22.0	22.9	28,149	15.6	48.9	24.0	On
EW-2102	18.1	20.5	26,949	16.2	52.6	24.0	On
EW-2103	20.1	24.5	31,293	20.1	35.9	24.0	On
EW-2104	20.1	24.4	31,293	15.2	33.7	24.0	On
EW-3001	0.0	0.0	0	2.2	13.7	0.0	Off
EW-3002	0.5	0.6	591	1.6	12.6	23.9	On
EW-3003	0.0	0.0	0	3.8	12.7	0.0	Off

Daily Log

October 29, 2015 12AM to October 30, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.5	---	0.0	Off
EW-3005	2.6	2.8	3,627	-3.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	2.4	2,685	-3.7	---	24.0	On
EW-3008	1.1	1.3	1,505	0.6	---	24.0	On
EW-3009	0.9	1.9	1,349	-2.0	---	24.0	On
EW-3010	1.3	2.0	1,917	-2.2	---	24.0	On
EW-3011	0.5	0.9	533	0.0	24.0	17.9	On
EW-3012	0.6	2.2	877	-5.1	27.6	24.0	On
EW-3013	1.0	2.5	1,531	-6.3	33.6	24.0	On
EW-3014	0.3	0.8	158	-4.2	37.6	10.2	On
EW-3015	1.3	5.3	1,840	-6.1	40.9	24.0	On
EW-3016	0.7	1.5	1,095	-3.9	45.0	24.0	On
EW-3017	0.3	1.1	306	-6.2	46.5	15.8	On
EW-3018	0.0	0.5	55	-4.6	46.3	3.6	Off
EW-3019	0.9	2.2	1,304	-1.3	47.0	24.0	On
EW-3020	3.8	4.0	5,564	-1.6	39.8	24.0	On
EW-3021	0.3	0.6	406	0.0	24.5	20.8	On
EW-3022	0.8	1.6	1,118	-2.4	31.2	24.0	On
EW-3023	1.6	2.5	2,347	1.1	25.3	24.0	On
EW-3024	0.4	0.7	610	1.5	---	23.5	On
EW-3025	2.0	2.4	2,781	-0.5	33.3	24.0	On
EW-3026	2.6	2.9	3,737	-2.9	34.1	24.0	On
EW-3027	0.0	0.0	0	1.1	---	0.0	Off
EW-4001	2.9	3.3	3,978	-13.9	27.6	22.8	On
EW-4002	2.3	6.9	3,069	-47.1	14.2	22.8	On
EW-4003	1.9	5.7	2,721	-25.9	---	22.8	On
EW-4004	1.5	1.8	2,212	-13.3	16.0	22.8	On
EW-4005	1.9	2.1	2,695	-15.6	---	22.8	On
EW-4006	1.4	6.4	1,961	-50.9	28.5	22.8	On
EW-4007	1.0	1.2	1,370	-2.6	32.4	22.8	On
EW-4008	2.9	3.3	4,103	-11.9	31.8	22.8	On
EW-4009	0.7	1.2	1,116	-16.1	34.7	22.8	On
EW-4010	2.2	2.2	2,920	-3.4	40.8	22.8	On
EW-4011	2.0	2.2	2,854	-17.7	40.1	22.8	On
EW-5001	1.9	2.1	2,726	-19.6	---	22.8	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**155.9**		**225,379**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	224.2	167 GPM
FIT-500	207 GPM	202.3	270 GPM
Effluent Temp	98.3 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

October 29, 2015 12AM to October 30, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	27.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 29, 2015 12AM to October 30, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	41.5
Permeate Flow	FIT-642	0 GPM	30.2
Concentrate Flow	FIT-643	0 GPM	10.7

Inlet Conductivity	CIT-630	1,044.0 µS
Outlet Conductivity	CIT-642	161.2 µS
Hours Run		6.3 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	98.4 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 30, 2015 12AM to October 31, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.0	2,745	1.7	40.7	24.0	On
EW-2002	0.9	1.0	1,293	6.2	40.2	24.0	On
EW-2003	1.3	1.5	1,914	5.4	37.9	24.0	On
EW-2004	0.5	0.6	783	6.9	33.0	24.0	On
EW-2005	0.5	0.7	737	7.4	30.6	24.0	On
EW-2006	1.3	1.3	1,836	5.7	27.6	24.0	On
EW-2007	2.0	2.2	2,930	7.7	23.2	24.0	On
EW-2008	0.7	0.8	1,001	3.1	23.1	24.0	On
EW-2009	1.1	1.2	1,599	3.4	23.2	24.0	On
EW-2010	0.0	0.4	259	5.8	22.3	14.8	Off
EW-2011	0.3	0.5	356	8.1	20.9	17.6	On
EW-2012	0.3	0.5	156	12.8	15.0	8.6	On
EW-2013	0.0	0.5	356	18.1	15.0	18.2	Off
EW-2014	1.0	1.8	1,513	13.3	17.8	24.0	On
EW-2015	0.3	0.6	594	12.3	14.5	23.3	On
EW-2016	0.0	0.7	840	12.1	---	22.9	On
EW-2017	1.3	1.5	2,002	12.8	---	24.0	On
EW-2018	0.7	1.3	993	12.0	---	24.0	On
EW-2019	0.0	0.4	238	13.0	---	13.5	Off
EW-2020	0.3	0.5	385	10.4	---	18.2	On
EW-2021	0.0	0.4	330	13.0	---	17.4	Off
EW-2022	0.3	0.6	465	11.3	---	20.6	On
EW-2023	0.3	0.5	605	11.5	---	23.9	On
EW-2024	0.3	0.4	283	10.1	---	15.6	On
EW-2025	0.9	1.4	1,322	11.2	---	24.0	On
EW-2026	0.8	1.2	1,113	10.2	---	24.0	On
EW-2027	0.8	1.2	1,211	9.7	---	24.0	On
EW-2028	0.8	1.2	1,134	9.7	---	24.0	On
EW-2029	0.9	1.3	1,299	9.0	---	24.0	On
EW-2030	1.5	1.7	2,166	10.6	---	24.0	On
EW-2031	1.5	1.8	2,194	11.5	---	24.0	On
EW-2032	0.5	1.0	762	9.9	---	24.0	On
EW-2033	0.6	1.0	824	9.9	---	24.0	On
EW-2034	0.7	0.9	1,021	9.0	26.0	24.0	On
EW-2035	0.0	0.0	0	21.0	-1.9	0.0	Off
EW-2036	0.8	1.1	1,109	13.2	29.4	24.0	On
EW-2037	0.9	2.2	1,427	4.2	32.3	24.0	On
EW-2101	19.9	25.6	30,112	15.7	49.9	24.0	On
EW-2102	19.9	21.7	27,318	15.8	54.9	23.9	On
EW-2103	45.1	46.1	43,407	18.9	64.9	23.9	On
EW-2104	0.0	40.5	17,403	16.2	32.2	14.1	Off
EW-3001	0.0	0.0	0	2.1	15.0	0.0	Off
EW-3002	0.3	0.5	586	1.9	13.8	23.9	On
EW-3003	0.0	0.0	0	3.8	14.0	0.0	Off

Daily Log

October 30, 2015 12AM to October 31, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.6	---	0.0	Off
EW-3005	2.5	2.6	3,598	-2.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.8	2.1	2,670	-3.4	---	24.0	On
EW-3008	0.9	1.2	1,497	0.7	---	24.0	On
EW-3009	0.9	1.3	1,332	-1.6	---	24.0	On
EW-3010	1.2	1.6	1,904	-1.9	---	24.0	On
EW-3011	0.3	0.9	479	1.1	24.5	15.8	On
EW-3012	0.6	1.5	873	-4.8	28.4	24.0	On
EW-3013	1.1	2.0	1,530	-6.1	34.7	24.0	On
EW-3014	0.3	0.8	155	-4.5	38.9	10.0	On
EW-3015	1.3	2.4	1,838	-5.9	42.4	24.0	On
EW-3016	0.7	1.5	1,089	-3.9	46.7	24.0	On
EW-3017	0.3	1.0	307	-5.8	48.0	15.9	On
EW-3018	0.0	0.9	54	-4.1	47.8	3.5	Off
EW-3019	0.9	2.0	1,299	-1.3	48.5	24.0	On
EW-3020	3.8	3.9	5,462	-1.6	40.4	24.0	On
EW-3021	0.3	0.7	400	0.2	26.3	20.5	On
EW-3022	0.7	1.7	1,100	-2.3	32.5	24.0	On
EW-3023	1.6	2.3	2,359	1.3	26.0	24.0	On
EW-3024	0.3	0.6	607	1.6	---	23.5	On
EW-3025	1.9	2.4	2,805	-0.2	34.5	24.0	On
EW-3026	2.6	3.1	3,739	-2.7	35.3	24.0	On
EW-3027	0.0	0.0	0	1.2	---	0.0	Off
EW-4001	2.8	3.4	4,111	-14.4	30.1	24.0	On
EW-4002	2.2	2.6	3,211	-46.8	15.3	24.0	On
EW-4003	1.9	2.2	2,808	-26.9	---	24.0	On
EW-4004	1.5	1.8	2,236	-14.2	16.9	24.0	On
EW-4005	1.8	2.1	2,765	-16.1	---	24.0	On
EW-4006	1.4	2.1	2,061	-50.9	30.1	24.0	On
EW-4007	0.9	1.2	1,436	-2.5	33.7	24.0	On
EW-4008	3.0	3.7	4,200	-13.2	41.5	23.9	On
EW-4009	0.7	1.2	1,175	-19.0	35.7	24.0	On
EW-4010	2.1	2.3	3,051	-3.4	43.0	23.9	On
EW-4011	2.0	2.8	2,937	-18.1	42.2	23.9	On
EW-5001	1.9	2.1	2,788	-20.4	---	24.0	On
EW-5002	0.0	0.0	0	3.7	0.8	0.0	Off
EW Totals	**157.2**		**226,499**				

	Value	Total (KGal)	Peak Flow
FIT-100	157 GPM	225.5	166 GPM
FIT-500	0 GPM	199.7	269 GPM
Effluent Temp	97.7 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

October 30, 2015 12AM to October 31, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	27.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 30, 2015 12AM to October 31, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	37.3
Permeate Flow	FIT-642	0 GPM	27.1
Concentrate Flow	FIT-643	0 GPM	9.6

Inlet Conductivity	CIT-630	1,063.4 µS
Outlet Conductivity	CIT-642	176.2 µS
Hours Run		6.5 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

October 31, 2015 12AM to November 1, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.9	2,700	1.4	41.2	23.4	On
EW-2002	0.9	3.0	1,282	5.9	40.7	23.4	On
EW-2003	1.4	1.8	1,937	5.3	38.3	23.4	On
EW-2004	0.6	2.6	775	6.6	33.3	23.4	On
EW-2005	0.5	2.6	728	7.0	30.9	23.4	On
EW-2006	1.3	3.3	1,826	5.3	27.9	23.4	On
EW-2007	2.1	5.0	2,878	7.4	23.7	23.4	On
EW-2008	0.7	3.5	980	3.0	24.8	23.4	On
EW-2009	1.1	4.0	1,570	3.2	24.9	23.4	On
EW-2010	0.3	0.7	255	6.5	24.1	14.4	On
EW-2011	0.2	0.7	348	9.5	20.7	17.2	On
EW-2012	0.3	0.5	156	12.0	15.2	8.5	On
EW-2013	0.3	0.5	346	17.1	15.4	17.8	On
EW-2014	1.1	5.5	1,492	13.0	17.7	23.4	On
EW-2015	0.5	0.6	580	11.6	14.4	22.5	On
EW-2016	0.0	0.7	814	11.6	---	22.2	Off
EW-2017	1.4	4.3	1,971	12.6	---	23.5	On
EW-2018	0.7	7.7	980	11.7	---	23.5	On
EW-2019	0.3	0.3	237	12.7	---	13.5	On
EW-2020	0.4	0.5	375	10.3	---	18.0	On
EW-2021	0.3	0.4	326	12.1	---	17.3	On
EW-2022	0.3	0.6	449	13.1	---	20.3	On
EW-2023	0.5	0.6	597	11.1	---	23.2	On
EW-2024	0.3	0.4	279	11.0	---	15.5	On
EW-2025	0.9	7.4	1,304	10.8	---	23.4	On
EW-2026	0.8	7.5	1,098	9.8	---	23.5	On
EW-2027	0.8	7.4	1,198	9.3	---	23.5	On
EW-2028	0.8	7.4	1,121	9.3	---	23.5	On
EW-2029	0.9	7.5	1,283	8.6	---	23.5	On
EW-2030	1.5	7.5	2,130	10.2	---	23.5	On
EW-2031	1.5	7.8	2,153	11.1	---	23.5	On
EW-2032	0.5	7.1	754	9.6	---	23.5	On
EW-2033	0.6	3.0	814	9.5	---	23.5	On
EW-2034	0.7	2.2	1,004	9.0	25.8	23.5	On
EW-2035	0.0	0.0	0	21.0	-1.9	0.0	Off
EW-2036	0.8	3.3	1,085	13.2	29.3	23.4	On
EW-2037	1.0	6.2	1,400	3.8	32.5	23.4	On
EW-2101	20.0	20.9	28,116	15.7	51.6	23.4	On
EW-2102	19.8	20.2	27,937	15.8	56.4	23.4	On
EW-2103	45.2	46.0	63,126	18.4	63.4	23.4	On
EW-2104	0.0	0.0	0	16.6	31.7	0.0	Off
EW-3001	0.0	0.4	1	2.3	15.2	0.1	Off
EW-3002	0.4	0.5	589	1.8	13.9	23.3	On
EW-3003	0.0	3.1	2	3.8	14.0	0.1	Off

Daily Log

October 31, 2015 12AM to November 1, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	6	1.6	---	0.3	Off
EW-3005	2.6	3.9	3,513	-3.2	---	23.4	On
EW-3006	0.0	0.6	5	0.4	---	0.2	Off
EW-3007	1.9	5.7	2,633	-3.7	---	23.4	On
EW-3008	1.1	1.4	1,469	0.7	---	23.4	On
EW-3009	1.0	6.7	1,320	-2.0	---	23.4	On
EW-3010	1.4	5.8	1,863	-2.2	---	23.4	On
EW-3011	0.0	0.8	481	2.1	24.4	16.0	Off
EW-3012	0.6	5.4	869	-5.1	28.5	23.4	On
EW-3013	1.1	5.0	1,513	-6.4	35.2	23.4	On
EW-3014	0.0	0.5	156	-4.3	39.4	10.1	Off
EW-3015	1.3	4.5	1,811	-6.1	43.2	23.4	On
EW-3016	0.8	2.7	1,075	-4.0	48.3	23.4	On
EW-3017	0.3	0.6	303	-5.5	49.6	15.7	On
EW-3018	0.0	0.6	55	-4.0	49.4	3.5	Off
EW-3019	0.9	3.4	1,278	-1.4	50.3	23.4	On
EW-3020	3.8	6.3	5,365	-1.9	40.9	23.4	On
EW-3021	0.0	0.5	381	0.2	26.5	19.4	Off
EW-3022	0.8	5.2	1,081	-2.4	33.7	23.4	On
EW-3023	1.7	5.2	2,341	1.2	26.0	23.4	On
EW-3024	0.5	0.5	578	1.2	---	22.5	On
EW-3025	2.0	2.5	2,769	-0.5	36.0	23.4	On
EW-3026	2.7	4.5	3,677	-2.9	36.7	23.4	On
EW-3027	0.0	0.8	32	1.1	---	1.3	Off
EW-4001	2.9	3.3	4,008	-13.8	30.0	23.3	On
EW-4002	2.2	6.7	3,153	-47.2	15.5	23.3	On
EW-4003	2.0	7.3	2,722	-26.3	---	23.3	On
EW-4004	1.6	1.8	2,291	-13.8	17.1	23.3	On
EW-4005	1.9	2.0	2,693	-15.6	---	23.3	On
EW-4006	1.5	5.5	2,040	-51.1	30.9	23.3	On
EW-4007	1.1	1.4	1,444	-2.6	34.9	23.3	On
EW-4008	2.9	3.3	4,182	-12.7	40.2	23.3	On
EW-4009	0.8	0.9	1,141	-17.6	36.3	23.3	On
EW-4010	2.1	2.2	2,910	-3.5	43.4	23.3	On
EW-4011	2.1	2.1	2,862	-17.7	42.6	23.3	On
EW-5001	2.0	2.0	2,711	-19.9	---	23.3	On
EW-5002	0.0	0.0	0	3.7	0.9	0.0	Off
EW Totals	**161.0**		**225,725**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	224.7	196 GPM
FIT-500	0 GPM	197.1	270 GPM
Effluent Temp	99.2 °F		
Effluent pH	6.9		

Recharge and Injection Daily Report

October 31, 2015 12AM to November 1, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	36 GPM	0.0
RC-7003	FIT-665	38 GPM	29.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

October 31, 2015 12AM to November 1, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	99 GPM	43.3
Permeate Flow	FIT-642	72 GPM	31.5
Concentrate Flow	FIT-643	25 GPM	11.0

Inlet Conductivity	CIT-630	1,061.9 µS
Outlet Conductivity	CIT-642	29.2 µS
Hours Run		6.3 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	99.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 1, 2015 12AM to November 2, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.6	2,875	1.6	41.2	25.0	On
EW-2002	0.9	2.4	1,354	6.1	40.6	25.0	On
EW-2003	1.4	1.8	2,049	5.4	38.2	25.0	On
EW-2004	0.5	1.7	812	6.9	33.3	25.0	On
EW-2005	0.6	1.7	761	7.2	31.0	25.0	On
EW-2006	1.3	3.3	1,962	5.5	27.9	25.0	On
EW-2007	2.0	4.9	3,053	7.6	23.7	25.0	On
EW-2008	0.7	2.2	1,035	3.2	23.9	25.0	On
EW-2009	1.2	3.4	1,658	3.4	24.0	25.0	On
EW-2010	0.0	0.5	269	5.1	23.1	15.3	Off
EW-2011	0.4	0.5	367	8.5	21.6	18.3	On
EW-2012	0.0	0.5	160	13.4	15.4	8.6	Off
EW-2013	0.4	0.5	355	17.2	15.5	18.2	On
EW-2014	1.1	2.5	1,573	13.0	18.2	25.0	On
EW-2015	0.5	0.5	608	11.7	14.8	23.6	On
EW-2016	0.7	0.7	861	11.7	---	23.5	On
EW-2017	1.4	3.0	2,071	12.7	---	25.0	On
EW-2018	0.7	2.1	1,028	11.6	---	25.0	On
EW-2019	0.3	0.3	248	11.5	---	14.1	On
EW-2020	0.5	0.5	392	11.1	---	18.0	On
EW-2021	0.0	0.3	338	13.6	---	17.8	Off
EW-2022	0.0	0.5	477	11.5	---	21.7	Off
EW-2023	0.5	0.5	651	11.0	---	24.7	On
EW-2024	0.0	0.4	292	10.2	---	16.3	Off
EW-2025	0.9	2.5	1,375	10.8	---	25.0	On
EW-2026	0.8	2.3	1,151	9.8	---	25.0	On
EW-2027	0.8	2.4	1,260	9.3	---	25.0	On
EW-2028	0.8	2.3	1,177	9.3	---	25.0	On
EW-2029	0.9	2.5	1,349	8.6	---	25.0	On
EW-2030	1.5	3.5	2,265	10.2	---	25.0	On
EW-2031	1.5	3.6	2,275	11.1	---	25.0	On
EW-2032	0.5	1.4	783	9.5	---	25.0	On
EW-2033	0.6	1.6	852	9.5	---	25.0	On
EW-2034	0.7	1.7	1,053	9.1	26.3	25.0	On
EW-2035	0.0	0.0	0	20.9	-1.9	0.0	Off
EW-2036	0.8	2.3	1,136	13.2	29.8	25.0	On
EW-2037	1.1	3.1	1,469	3.8	33.2	25.0	On
EW-2101	20.1	20.7	29,976	15.6	54.1	25.0	On
EW-2102	19.1	19.9	28,986	15.8	58.4	25.0	On
EW-2103	44.5	46.2	67,394	18.0	64.4	25.0	On
EW-2104	0.0	0.0	0	16.8	32.4	0.0	Off
EW-3001	0.0	0.0	0	2.1	15.4	0.0	Off
EW-3002	0.4	0.5	577	1.8	14.2	23.5	On
EW-3003	0.0	0.0	0	3.8	14.3	0.0	Off

Daily Log

November 1, 2015 12AM to November 2, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.5	---	0.0	Off
EW-3005	2.5	3.3	3,783	-2.9	---	25.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	5.3	2,761	-3.6	---	24.9	On
EW-3008	1.1	1.4	1,571	0.7	---	25.0	On
EW-3009	1.0	3.2	1,397	-2.0	---	25.0	On
EW-3010	1.4	4.2	1,974	-2.2	---	25.0	On
EW-3011	0.0	0.8	499	1.1	24.8	16.9	Off
EW-3012	0.6	3.0	915	-5.2	29.1	25.0	On
EW-3013	1.2	4.6	1,599	-6.4	36.2	25.0	On
EW-3014	0.3	0.4	161	-4.3	41.1	10.6	On
EW-3015	1.3	4.3	1,913	-6.1	45.3	25.0	On
EW-3016	0.8	2.4	1,127	-3.8	50.6	25.0	On
EW-3017	0.4	0.6	320	-6.7	52.1	16.8	On
EW-3018	0.0	0.6	59	-4.9	52.0	3.7	Off
EW-3019	1.0	3.1	1,347	-1.5	52.7	25.0	On
EW-3020	3.8	6.0	5,708	-1.8	40.8	25.0	On
EW-3021	0.4	0.5	386	0.0	27.0	20.2	On
EW-3022	0.7	2.9	1,130	-2.3	33.7	25.0	On
EW-3023	1.6	4.6	2,464	1.1	26.5	25.0	On
EW-3024	0.5	0.5	622	1.4	---	24.0	On
EW-3025	2.0	2.7	2,970	-0.4	35.8	25.0	On
EW-3026	2.6	4.6	3,970	-2.8	36.6	25.0	On
EW-3027	0.0	0.0	0	1.1	---	0.0	Off
EW-4001	2.9	3.1	4,288	-14.4	30.5	24.9	On
EW-4002	2.3	6.2	3,329	-47.2	15.8	24.8	On
EW-4003	2.0	5.2	2,958	-27.5	---	24.9	On
EW-4004	1.6	1.6	2,329	-14.2	17.3	24.9	On
EW-4005	2.0	2.0	2,888	-16.4	---	24.9	On
EW-4006	1.5	4.9	2,158	-51.0	31.2	24.9	On
EW-4007	1.0	1.1	1,508	-2.9	34.9	24.9	On
EW-4008	3.1	3.2	4,451	-13.7	40.5	24.9	On
EW-4009	0.8	0.9	1,217	-19.4	37.3	24.9	On
EW-4010	2.1	2.3	3,175	-4.0	44.1	24.9	On
EW-4011	2.1	2.1	3,033	-18.6	43.3	24.6	On
EW-5001	2.0	2.0	2,916	-20.6	---	24.9	On
EW-5002	0.0	0.0	0	3.6	0.9	0.0	Off
EW Totals	**160.5**		**239,254**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	238.1	168 GPM
FIT-500	0 GPM	211.1	270 GPM
Effluent Temp	98.6 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

November 1, 2015 12AM to November 2, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	35 GPM	0.0
RC-7003	FIT-665	37 GPM	30.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 1, 2015 12AM to November 2, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	41.5
Permeate Flow	FIT-642	71 GPM	30.3
Concentrate Flow	FIT-643	23 GPM	10.5

Inlet Conductivity	CIT-630	1,046.0 µS
Outlet Conductivity	CIT-642	27.5 µS
Hours Run		6.6 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	99.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 2, 2015 12AM to November 3, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	4.0	2,730	1.4	39.9	23.9	On
EW-2002	0.9	3.0	1,288	6.0	39.4	23.9	On
EW-2003	1.4	2.1	1,925	5.3	37.1	23.9	On
EW-2004	0.5	2.4	770	6.9	32.1	23.9	On
EW-2005	0.5	2.5	724	7.0	29.6	23.9	On
EW-2006	1.3	3.6	1,850	5.3	26.6	23.8	On
EW-2007	2.0	4.9	2,902	7.5	22.4	23.9	On
EW-2008	0.7	3.6	983	3.2	22.4	23.8	On
EW-2009	1.1	4.2	1,585	3.3	22.5	23.8	On
EW-2010	0.0	0.7	255	5.4	21.5	14.5	Off
EW-2011	0.4	0.7	351	8.1	20.1	17.2	On
EW-2012	0.3	0.5	154	13.2	14.0	8.3	On
EW-2013	0.3	0.5	332	17.9	14.1	17.2	On
EW-2014	1.1	5.4	1,494	13.1	16.0	23.9	On
EW-2015	0.5	0.6	594	11.6	13.1	23.1	On
EW-2016	0.6	0.8	847	10.4	---	22.9	On
EW-2017	1.4	4.2	1,974	12.6	---	23.9	On
EW-2018	0.7	5.7	984	11.7	---	23.9	On
EW-2019	0.0	0.4	244	12.8	---	13.9	Off
EW-2020	0.4	0.5	378	10.7	---	17.8	On
EW-2021	0.3	0.4	327	12.3	---	17.3	On
EW-2022	0.4	0.6	460	11.7	---	20.4	On
EW-2023	0.4	0.6	591	11.4	---	23.6	On
EW-2024	0.0	0.5	154	0.0	---	8.6	Off
EW-2025	0.9	6.2	1,315	10.8	---	23.8	On
EW-2026	0.8	6.1	1,100	9.8	---	23.9	On
EW-2027	0.8	6.5	1,202	9.3	---	23.9	On
EW-2028	0.8	5.9	1,126	9.3	---	23.9	On
EW-2029	0.9	7.1	1,292	8.6	---	23.9	On
EW-2030	1.5	7.3	2,155	10.2	---	23.9	On
EW-2031	1.5	7.5	2,159	11.1	---	23.9	On
EW-2032	0.5	4.3	753	9.5	---	23.9	On
EW-2033	0.6	2.8	815	9.5	---	23.9	On
EW-2034	0.7	1.6	1,009	8.9	25.3	23.9	On
EW-2035	0.0	0.0	0	20.9	-1.9	0.0	Off
EW-2036	0.8	3.2	1,075	13.2	26.8	23.8	On
EW-2037	0.0	6.2	970	0.0	-0.1	16.5	Off
EW-2101	20.0	21.1	28,670	15.6	54.3	23.9	On
EW-2102	20.0	20.2	27,875	15.5	59.0	23.8	On
EW-2103	45.1	46.0	60,530	17.9	59.3	22.5	On
EW-2104	0.0	45.4	93	18.9	-0.4	0.1	Off
EW-3001	0.0	0.0	0	2.0	13.9	0.0	Off
EW-3002	0.4	0.6	552	1.6	12.7	22.6	On
EW-3003	0.0	0.1	0	3.8	12.8	0.0	Off

Daily Log

November 2, 2015 12AM to November 3, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.6	---	0.0	Off
EW-3005	2.5	3.0	3,577	-3.1	---	23.8	On
EW-3006	0.0	0.4	1	0.4	---	0.1	Off
EW-3007	1.8	5.6	2,624	-3.6	---	23.5	On
EW-3008	1.1	1.4	1,483	0.6	---	23.8	On
EW-3009	1.0	6.7	1,324	-2.0	---	23.8	On
EW-3010	1.3	5.8	1,854	-2.1	---	23.8	On
EW-3011	0.0	0.9	450	2.2	23.8	14.8	Off
EW-3012	0.6	5.4	875	-5.2	28.3	23.8	On
EW-3013	1.1	4.9	1,527	-6.5	35.7	23.8	On
EW-3014	0.0	0.5	155	-4.2	40.8	10.1	Off
EW-3015	1.3	5.3	1,828	-6.3	45.3	23.8	On
EW-3016	0.7	2.5	1,076	-4.1	50.8	23.8	On
EW-3017	0.3	1.2	303	-5.0	52.2	15.7	On
EW-3018	0.0	0.5	55	-4.0	52.0	3.3	Off
EW-3019	0.9	3.2	1,285	-1.6	52.8	23.8	On
EW-3020	3.8	6.6	5,425	-1.9	39.6	23.8	On
EW-3021	0.3	0.7	383	0.1	24.4	19.5	On
EW-3022	0.7	5.3	1,072	-2.4	31.3	23.8	On
EW-3023	1.7	5.1	2,371	1.3	25.6	23.8	On
EW-3024	0.5	0.6	542	1.3	---	20.9	On
EW-3025	2.0	2.6	2,807	-0.4	33.4	23.8	On
EW-3026	2.6	4.6	3,762	-2.9	34.2	23.8	On
EW-3027	0.0	0.7	25	1.1	---	0.9	Off
EW-4001	2.9	3.4	4,123	-14.4	27.5	23.8	On
EW-4002	2.2	6.4	3,175	-47.1	14.3	23.8	On
EW-4003	2.0	2.7	2,825	-26.5	---	23.8	On
EW-4004	1.6	1.8	2,227	-14.0	16.0	23.8	On
EW-4005	1.9	2.2	2,791	-15.4	---	23.8	On
EW-4006	1.4	5.2	2,055	-51.0	28.6	23.8	On
EW-4007	1.0	1.2	1,459	-2.1	32.5	23.8	On
EW-4008	0.0	3.7	2,366	1.7	34.8	13.1	Off
EW-4009	0.9	1.2	1,162	-19.2	36.7	23.8	On
EW-4010	2.2	2.4	2,924	-4.0	39.9	22.5	On
EW-4011	2.2	2.9	2,824	-19.2	39.2	22.5	On
EW-5001	1.9	2.2	2,807	-20.5	---	23.8	On
EW-5002	0.0	0.0	0	3.6	0.9	0.0	Off
EW Totals	**157.0**		**222,125**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	221.0	176 GPM
FIT-500	206 GPM	203.2	271 GPM
Effluent Temp	99.3 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 2, 2015 12AM to November 3, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	17.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 2, 2015 12AM to November 3, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	27.1
Permeate Flow	FIT-642	0 GPM	19.6
Concentrate Flow	FIT-643	0 GPM	7.0

Inlet Conductivity	CIT-630	1,077.6 µS
Outlet Conductivity	CIT-642	186.9 µS
Hours Run		4.6 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 3, 2015 12AM to November 4, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,730	1.4	39.0	24.0	On
EW-2002	0.9	0.9	1,285	5.9	38.3	24.0	On
EW-2003	1.3	1.4	1,911	5.7	36.0	24.0	On
EW-2004	0.5	0.6	762	6.8	31.1	24.0	On
EW-2005	0.5	0.6	719	7.1	28.7	24.0	On
EW-2006	1.2	1.3	1,825	5.6	25.7	24.0	On
EW-2007	2.0	2.1	2,899	7.4	21.5	24.0	On
EW-2008	0.0	0.8	524	0.0	-0.4	12.9	Off
EW-2009	0.7	1.2	855	0.0	2.9	12.9	Off
EW-2010	0.0	0.4	136	0.0	-0.2	7.8	Off
EW-2011	0.3	0.6	348	9.4	17.8	17.4	On
EW-2012	0.0	0.5	153	13.1	13.9	8.4	Off
EW-2013	0.0	0.5	329	16.9	14.0	17.4	Off
EW-2014	1.1	1.7	1,494	13.1	17.4	24.0	On
EW-2015	0.0	0.7	610	11.4	13.8	23.3	Off
EW-2016	0.6	0.8	843	10.5	---	22.9	On
EW-2017	1.4	1.5	1,994	12.7	---	24.0	On
EW-2018	0.6	1.0	992	11.9	---	24.0	On
EW-2019	0.0	0.3	243	11.5	---	13.9	Off
EW-2020	0.0	0.5	382	10.6	---	18.5	Off
EW-2021	0.3	0.4	329	13.4	---	17.5	On
EW-2022	0.3	0.6	460	13.0	---	20.7	On
EW-2023	0.4	0.5	603	11.1	---	23.9	On
EW-2024	0.0	0.0	0	0.0	---	0.0	Off
EW-2025	0.9	1.2	1,327	10.8	---	24.0	On
EW-2026	0.8	1.0	1,111	9.8	---	24.0	On
EW-2027	0.8	1.1	1,206	9.3	---	24.0	On
EW-2028	0.8	1.1	1,131	9.3	---	24.0	On
EW-2029	0.9	1.1	1,298	8.6	---	24.0	On
EW-2030	1.5	1.7	2,160	10.2	---	24.0	On
EW-2031	1.5	1.6	2,159	11.1	---	24.0	On
EW-2032	0.5	0.8	759	9.5	---	24.0	On
EW-2033	0.6	0.8	818	9.5	---	24.0	On
EW-2034	0.7	0.7	1,000	9.0	25.1	24.0	On
EW-2035	0.0	0.0	0	20.9	-1.9	0.0	Off
EW-2036	0.7	1.3	1,069	13.3	29.7	24.0	On
EW-2037	0.0	0.0	0	21.9	31.5	0.0	Off
EW-2101	20.1	20.1	28,804	15.5	54.6	24.0	On
EW-2102	19.6	20.0	28,285	15.5	59.1	24.0	On
EW-2103	26.1	45.8	42,747	19.0	44.7	23.9	On
EW-2104	26.1	48.0	27,190	15.5	42.1	14.4	On
EW-3001	0.0	0.0	0	2.0	14.0	0.0	Off
EW-3002	0.5	0.6	575	1.6	12.8	23.3	On
EW-3003	0.0	0.0	0	3.8	12.8	0.0	Off

Daily Log

November 3, 2015 12AM to November 4, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.6	---	0.0	Off
EW-3005	2.4	2.5	3,542	-2.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.8	2.0	2,625	-3.6	---	24.0	On
EW-3008	1.1	1.2	1,516	0.6	---	24.0	On
EW-3009	0.9	1.1	1,329	-2.0	---	24.0	On
EW-3010	1.3	1.4	1,850	-2.1	---	24.0	On
EW-3011	0.0	0.8	515	2.1	23.7	17.8	Off
EW-3012	0.6	0.8	875	-5.2	28.3	24.0	On
EW-3013	1.1	1.2	1,527	-6.4	35.8	24.0	On
EW-3014	0.0	0.4	155	-4.3	40.9	10.2	Off
EW-3015	1.3	1.4	1,830	-6.2	45.4	24.0	On
EW-3016	0.7	0.9	1,074	-4.1	50.9	24.0	On
EW-3017	0.0	0.5	305	-4.9	52.3	16.1	On
EW-3018	0.0	0.5	56	-4.2	52.2	3.4	Off
EW-3019	0.9	1.0	1,274	-1.7	53.1	24.0	On
EW-3020	3.8	3.9	5,476	-1.8	38.6	24.0	On
EW-3021	0.0	0.7	403	1.0	25.9	20.7	On
EW-3022	0.8	1.4	1,063	-2.5	32.6	24.0	On
EW-3023	1.7	1.7	2,345	1.3	25.5	24.0	On
EW-3024	0.5	0.6	653	1.2	---	24.0	On
EW-3025	1.9	2.3	2,790	-0.1	34.6	24.0	On
EW-3026	2.6	2.9	3,762	-2.6	35.4	24.0	On
EW-3027	0.0	0.0	0	1.2	---	0.0	Off
EW-4001	2.9	3.4	4,211	-14.5	30.4	24.0	On
EW-4002	2.2	2.4	3,181	-47.2	14.3	24.0	On
EW-4003	2.0	2.2	2,840	-27.5	---	24.0	On
EW-4004	1.6	1.7	2,265	-15.0	15.6	24.0	On
EW-4005	2.0	2.0	2,778	-16.0	---	24.0	On
EW-4006	1.5	2.3	2,066	-51.1	30.0	24.0	On
EW-4007	1.0	1.3	1,455	-1.6	33.8	24.0	On
EW-4008	0.0	0.0	0	2.0	36.3	0.0	Off
EW-4009	0.9	0.9	1,182	-19.3	36.8	24.0	On
EW-4010	2.1	2.3	3,110	-3.4	42.7	23.9	On
EW-4011	2.1	2.8	3,080	-18.3	41.9	23.9	On
EW-5001	2.0	2.0	2,794	-21.0	---	24.0	On
EW-5002	0.0	0.0	0	3.6	0.9	0.0	Off
EW Totals	**160.1**		**227,991**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	227.0	170 GPM
FIT-500	0 GPM	199.7	269 GPM
Effluent Temp	98.3 °F		
Effluent pH	6.9		

Recharge and Injection Daily Report

November 3, 2015 12AM to November 4, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	36 GPM	0.0
RC-7003	FIT-665	38 GPM	30.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 3, 2015 12AM to November 4, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	98 GPM	43.3
Permeate Flow	FIT-642	72 GPM	31.7
Concentrate Flow	FIT-643	25 GPM	11.0

Inlet Conductivity	CIT-630	1,061.4 µS
Outlet Conductivity	CIT-642	28.4 µS
Hours Run		7.0 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	98.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 4, 2015 12AM to November 5, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,719	1.5	38.3	24.0	On
EW-2002	0.9	0.9	1,279	6.0	37.6	24.0	On
EW-2003	1.2	1.3	1,872	6.3	35.3	24.0	On
EW-2004	0.5	0.6	763	6.6	30.5	24.0	On
EW-2005	0.5	0.6	714	7.1	28.2	24.0	On
EW-2006	1.2	1.3	1,787	5.6	25.1	24.0	On
EW-2007	2.0	2.1	2,891	7.4	20.9	24.0	On
EW-2008	0.0	0.0	0	0.0	-0.3	0.0	Off
EW-2009	0.0	1.8	0	0.0	13.1	0.0	Off
EW-2010	0.0	0.0	0	4.7	18.6	0.0	Off
EW-2011	0.0	0.4	349	9.0	17.2	17.3	Off
EW-2012	0.0	0.4	154	11.3	14.1	8.6	Off
EW-2013	0.0	0.4	320	18.7	14.1	17.1	Off
EW-2014	1.1	1.1	1,491	13.1	17.7	24.0	On
EW-2015	0.4	0.5	586	13.1	14.0	22.7	On
EW-2016	0.7	0.7	835	9.9	---	22.8	On
EW-2017	1.4	1.4	1,982	12.6	---	24.0	On
EW-2018	0.7	0.9	999	11.6	---	24.0	On
EW-2019	0.0	0.4	237	12.8	---	13.6	Off
EW-2020	0.3	0.5	378	11.9	---	18.4	On
EW-2021	0.0	0.6	329	12.4	---	17.4	Off
EW-2022	0.0	0.5	219	0.0	---	9.8	Off
EW-2023	0.4	0.5	597	11.3	---	23.8	On
EW-2024	0.0	1.3	143	9.9	---	6.2	Off
EW-2025	0.9	1.1	1,325	10.8	---	24.0	On
EW-2026	0.8	1.0	1,105	9.8	---	24.0	On
EW-2027	0.8	1.0	1,204	9.3	---	24.0	On
EW-2028	0.8	1.0	1,129	9.3	---	24.0	On
EW-2029	0.9	1.1	1,294	8.6	---	24.0	On
EW-2030	1.5	1.6	2,152	10.2	---	24.0	On
EW-2031	1.5	1.6	2,151	11.2	---	24.0	On
EW-2032	0.5	0.8	758	9.5	---	24.0	On
EW-2033	0.6	0.8	816	9.5	---	24.0	On
EW-2034	0.7	0.7	998	9.0	24.9	24.0	On
EW-2035	0.0	0.0	0	20.8	-1.9	0.0	Off
EW-2036	0.7	0.8	1,050	13.1	30.4	24.0	On
EW-2037	0.9	1.1	484	6.4	33.8	9.1	On
EW-2101	20.0	20.1	28,805	15.5	55.1	24.0	On
EW-2102	19.2	19.7	27,751	15.4	59.2	24.0	On
EW-2103	26.1	26.3	37,478	19.0	45.6	24.0	On
EW-2104	26.1	26.2	37,498	15.3	43.0	24.0	On
EW-3001	0.0	0.0	0	2.2	14.1	0.0	Off
EW-3002	0.5	0.5	606	1.7	13.0	23.8	On
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

November 4, 2015 12AM to November 5, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	2	1.7	---	0.1	Off
EW-3005	2.4	2.5	3,502	-2.8	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.9	1.9	2,632	-3.6	---	24.0	On
EW-3008	1.1	1.1	1,504	0.6	---	24.0	On
EW-3009	1.0	1.1	1,326	-2.0	---	24.0	On
EW-3010	1.3	1.4	1,851	-2.2	---	24.0	On
EW-3011	0.0	0.8	363	0.0	-0.1	12.3	Off
EW-3012	0.6	0.9	874	-5.2	28.0	24.0	On
EW-3013	1.1	1.2	1,527	-6.5	35.6	24.0	On
EW-3014	0.0	0.4	153	-3.9	40.7	10.0	Off
EW-3015	1.3	1.4	1,829	-6.2	45.5	24.0	On
EW-3016	0.8	0.8	1,071	-4.0	51.4	24.0	On
EW-3017	0.3	0.5	304	-5.0	53.0	16.0	On
EW-3018	0.0	0.5	56	-4.5	52.8	3.4	Off
EW-3019	0.9	1.0	1,273	-1.6	53.6	24.0	On
EW-3020	3.8	3.9	5,500	-1.9	37.9	24.0	On
EW-3021	0.0	0.4	424	0.6	26.3	21.5	Off
EW-3022	0.8	0.8	1,053	-2.4	33.1	24.0	On
EW-3023	1.8	1.9	2,425	1.1	25.2	24.0	On
EW-3024	0.5	0.5	657	1.2	---	24.0	On
EW-3025	1.9	1.9	2,740	-0.2	34.9	24.0	On
EW-3026	2.6	2.6	3,683	-2.6	35.8	24.0	On
EW-3027	0.0	0.7	5	1.3	---	0.2	Off
EW-4001	2.9	2.9	4,119	-14.4	31.0	24.0	On
EW-4002	2.3	2.4	3,176	-47.2	14.5	24.0	On
EW-4003	2.1	2.1	2,899	-28.0	---	24.0	On
EW-4004	0.0	1.8	1,276	0.0	0.0	12.9	Off
EW-4005	2.0	2.0	2,801	-16.0	---	24.0	On
EW-4006	1.5	1.5	2,061	-51.0	30.5	24.0	On
EW-4007	1.0	1.1	1,412	-1.5	34.3	24.0	On
EW-4008	0.0	0.0	0	2.1	36.9	0.0	Off
EW-4009	0.9	0.9	1,195	-19.5	36.7	24.0	On
EW-4010	2.1	2.2	3,067	-3.3	44.6	24.0	On
EW-4011	2.1	2.1	2,993	-17.7	43.8	24.0	On
EW-5001	2.0	2.0	2,819	-21.2	---	24.0	On
EW-5002	0.0	0.0	0	3.6	0.9	0.0	Off
EW Totals	**158.4**		**229,818**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	228.9	164 GPM
FIT-500	0 GPM	194.0	273 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.9		

Recharge and Injection Daily Report

November 4, 2015 12AM to November 5, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	36 GPM	0.0
RC-7003	FIT-665	38 GPM	31.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 4, 2015 12AM to November 5, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	45.7
Permeate Flow	FIT-642	0 GPM	33.1
Concentrate Flow	FIT-643	0 GPM	11.7

Inlet Conductivity	CIT-630	1,066.3 µS
Outlet Conductivity	CIT-642	31.0 µS
Hours Run		7.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	98.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 5, 2015 12AM to November 6, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,706	1.4	39.6	24.0	On
EW-2002	0.9	0.9	1,266	6.0	39.0	24.0	On
EW-2003	1.2	1.2	1,713	6.4	36.6	24.0	On
EW-2004	0.5	0.6	760	6.8	31.9	24.0	On
EW-2005	0.4	0.7	707	7.1	29.6	24.0	On
EW-2006	1.2	1.3	1,768	5.7	26.6	24.0	On
EW-2007	2.0	2.1	2,866	7.5	22.5	24.0	On
EW-2008	0.8	4.1	390	3.1	23.2	7.7	On
EW-2009	1.2	4.8	584	3.1	23.4	7.8	On
EW-2010	0.4	4.4	117	5.1	22.4	4.3	On
EW-2011	0.0	2.1	348	9.1	20.6	17.0	Off
EW-2012	0.3	0.4	149	12.9	15.2	8.2	On
EW-2013	0.3	0.4	318	18.3	15.4	17.0	On
EW-2014	1.0	1.2	1,484	13.1	18.2	24.0	On
EW-2015	0.3	0.5	587	11.6	14.7	23.1	On
EW-2016	0.5	0.7	830	11.2	---	22.6	On
EW-2017	1.3	1.5	1,960	12.7	---	24.0	On
EW-2018	0.4	1.2	988	11.9	---	24.0	On
EW-2019	0.3	0.3	236	11.9	---	13.5	On
EW-2020	0.3	0.5	373	12.0	---	18.1	On
EW-2021	0.3	0.4	325	12.3	---	17.1	On
EW-2022	0.0	0.0	0	0.0	---	0.0	Off
EW-2023	0.3	0.5	589	11.4	---	23.9	On
EW-2024	0.0	0.5	401	10.2	---	18.4	Off
EW-2025	0.7	1.2	1,321	11.0	---	24.0	On
EW-2026	0.5	1.1	1,091	10.0	---	24.0	On
EW-2027	0.6	1.2	1,198	9.5	---	24.0	On
EW-2028	0.5	1.2	1,123	9.6	---	24.0	On
EW-2029	0.7	1.2	1,286	8.8	---	24.0	On
EW-2030	1.4	1.7	2,144	10.3	---	24.0	On
EW-2031	1.4	1.7	2,144	11.2	---	24.0	On
EW-2032	0.2	0.9	748	9.7	---	24.0	On
EW-2033	0.4	0.9	811	9.6	---	24.0	On
EW-2034	0.7	0.7	997	9.2	25.4	24.0	On
EW-2035	0.0	1.5	0	20.8	19.1	0.0	Off
EW-2036	0.7	0.8	1,035	13.1	30.6	24.0	On
EW-2037	0.9	5.1	1,384	4.2	33.2	24.0	On
EW-2101	19.9	20.1	28,805	15.4	55.6	24.0	On
EW-2102	18.6	19.4	27,313	15.4	59.3	24.0	On
EW-2103	25.9	26.4	37,477	18.9	45.4	24.0	On
EW-2104	25.9	26.3	37,465	15.2	42.8	24.0	On
EW-3001	0.0	0.0	0	2.4	15.2	0.0	Off
EW-3002	0.3	0.5	614	2.0	14.0	24.0	On
EW-3003	0.0	0.0	0	3.8	13.9	0.0	Off

Daily Log

November 5, 2015 12AM to November 6, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.8	---	0.0	Off
EW-3005	2.3	2.4	3,353	-2.5	---	24.0	On
EW-3006	0.0	0.5	2	0.4	---	0.1	Off
EW-3007	1.8	2.0	2,663	-3.5	---	24.0	On
EW-3008	0.9	1.1	1,484	0.5	---	24.0	On
EW-3009	0.7	1.2	1,353	-1.8	---	24.0	On
EW-3010	1.2	1.5	1,875	-2.1	---	24.0	On
EW-3011	0.0	0.0	0	0.0	-0.1	0.0	Off
EW-3012	0.5	0.8	888	-5.1	28.4	24.0	On
EW-3013	1.0	1.2	1,528	-6.4	36.1	24.0	On
EW-3014	0.0	0.4	155	-4.0	41.3	10.2	Off
EW-3015	1.2	1.4	1,829	-6.2	45.8	24.0	On
EW-3016	0.7	0.9	1,067	-4.0	51.8	24.0	On
EW-3017	0.3	0.5	304	-5.0	53.5	16.0	On
EW-3018	0.0	0.5	55	-4.7	53.3	3.3	Off
EW-3019	0.8	1.0	1,273	-1.6	54.2	24.0	On
EW-3020	3.8	3.9	5,480	-1.8	39.2	24.0	On
EW-3021	0.3	0.5	451	-0.1	26.9	22.2	On
EW-3022	0.7	1.0	1,048	-2.4	33.4	24.0	On
EW-3023	1.7	2.0	2,549	1.2	25.7	24.0	On
EW-3024	0.3	0.6	638	1.6	---	24.0	On
EW-3025	2.0	2.1	2,835	-0.4	35.3	24.0	On
EW-3026	2.6	2.6	3,679	-2.6	36.3	24.0	On
EW-3027	0.0	0.0	0	1.4	---	0.0	Off
EW-4001	2.9	3.0	4,183	-15.3	31.3	24.0	On
EW-4002	2.1	2.4	3,197	-46.8	15.5	24.0	On
EW-4003	1.9	2.2	2,940	-27.7	---	24.0	On
EW-4004	0.0	0.0	0	0.0	0.0	0.0	Off
EW-4005	2.0	2.2	2,856	-17.2	---	24.0	On
EW-4006	1.4	1.5	2,047	-50.9	30.9	24.0	On
EW-4007	0.9	1.1	1,395	-1.7	34.6	24.0	On
EW-4008	0.0	0.0	0	2.0	37.0	0.0	Off
EW-4009	0.8	0.9	1,181	-19.4	37.0	24.0	On
EW-4010	2.2	2.2	3,097	-3.7	45.5	24.0	On
EW-4011	2.3	2.4	3,174	-21.7	44.8	24.0	On
EW-5001	2.0	2.2	2,874	-22.2	---	24.0	On
EW-5002	0.0	0.0	0	3.6	1.0	0.0	Off
EW Totals	**156.2**		**229,876**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	229.0	166 GPM
FIT-500	0 GPM	204.6	272 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

November 5, 2015 12AM to November 6, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	1 GPM	31.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 5, 2015 12AM to November 6, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	43.5
Permeate Flow	FIT-642	0 GPM	31.6
Concentrate Flow	FIT-643	0 GPM	11.1

Inlet Conductivity	CIT-630	1,046.3 µS
Outlet Conductivity	CIT-642	176.5 µS
Hours Run		7.5 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	98.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 6, 2015 12AM to November 7, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.2	2,684	1.6	39.0	24.0	On
EW-2002	0.9	3.5	1,253	6.2	38.6	23.9	On
EW-2003	1.1	1.3	1,592	6.8	36.3	23.9	On
EW-2004	0.5	2.7	754	6.8	31.6	23.8	On
EW-2005	0.5	1.3	704	7.1	29.3	24.0	On
EW-2006	1.2	1.5	1,740	5.7	26.4	24.0	On
EW-2007	2.0	2.2	2,831	7.6	22.1	24.0	On
EW-2008	0.7	2.4	1,106	3.0	22.5	24.0	On
EW-2009	1.2	1.4	1,725	3.2	22.7	24.0	On
EW-2010	0.0	0.6	312	6.1	21.7	15.2	Off
EW-2011	0.3	0.6	346	9.4	20.0	17.3	On
EW-2012	0.0	4.7	152	11.8	14.3	8.1	Off
EW-2013	0.3	2.4	314	18.6	14.4	16.4	On
EW-2014	1.1	5.4	1,479	13.0	17.8	23.7	On
EW-2015	0.0	6.0	578	11.7	14.0	22.8	Off
EW-2016	0.6	0.7	829	11.0	---	22.6	On
EW-2017	1.4	1.4	1,957	12.7	---	24.0	On
EW-2018	0.7	1.0	984	11.6	---	24.0	On
EW-2019	0.0	0.3	233	12.6	---	13.3	Off
EW-2020	0.0	0.5	376	11.8	---	18.4	Off
EW-2021	0.0	0.4	322	13.3	---	17.0	Off
EW-2022	0.0	0.0	0	0.0	---	0.0	Off
EW-2023	0.4	0.5	585	11.4	---	23.9	On
EW-2024	0.0	0.5	400	10.9	---	18.6	Off
EW-2025	0.9	1.2	1,317	10.8	---	24.0	On
EW-2026	0.8	1.2	1,087	9.8	---	24.0	On
EW-2027	0.8	1.2	1,195	9.3	---	24.0	On
EW-2028	0.8	1.2	1,122	9.3	---	24.0	On
EW-2029	0.9	1.3	1,284	8.6	---	24.0	On
EW-2030	1.5	1.8	2,140	10.2	---	24.0	On
EW-2031	1.5	1.8	2,133	11.1	---	24.0	On
EW-2032	0.5	1.0	749	9.5	---	24.0	On
EW-2033	0.6	0.9	809	9.5	---	24.0	On
EW-2034	0.7	0.8	991	9.1	25.2	24.0	On
EW-2035	0.0	0.0	0	20.8	10.2	0.0	Off
EW-2036	0.7	0.9	1,034	13.2	30.5	24.0	On
EW-2037	1.4	5.0	1,395	4.5	36.1	24.0	On
EW-2101	19.9	21.1	28,806	15.4	56.8	24.0	On
EW-2102	18.7	19.8	27,131	15.4	60.5	23.9	On
EW-2103	4.9	26.4	26,188	20.0	36.0	24.0	On
EW-2104	45.0	45.3	47,766	14.3	60.0	24.0	On
EW-3001	0.0	0.0	0	2.3	14.3	0.0	Off
EW-3002	0.5	0.6	615	1.8	13.1	24.0	On
EW-3003	0.0	0.0	0	3.8	13.1	0.0	Off

Daily Log

November 6, 2015 12AM to November 7, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	2.0	---	0.0	Off
EW-3005	2.2	2.3	3,222	-2.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.1	2,784	-3.7	---	24.0	On
EW-3008	1.1	1.1	1,490	0.6	---	24.0	On
EW-3009	0.0	5.1	480	0.9	---	8.5	Off
EW-3010	1.4	1.6	1,932	-2.2	---	24.0	On
EW-3011	0.0	0.0	0	0.0	-0.1	0.0	Off
EW-3012	0.6	2.1	900	-5.2	28.4	24.0	On
EW-3013	1.1	5.6	1,483	-6.3	36.4	22.8	On
EW-3014	0.3	0.8	155	-4.5	41.7	10.2	On
EW-3015	1.3	2.8	1,836	-6.1	46.6	24.0	On
EW-3016	0.7	1.8	1,064	-3.8	52.9	24.0	On
EW-3017	0.3	0.9	306	-6.1	54.7	16.0	On
EW-3018	0.0	4.7	56	-4.1	54.5	3.2	Off
EW-3019	0.9	2.4	1,270	-1.6	55.2	24.0	On
EW-3020	3.8	4.3	5,460	-1.7	38.9	24.0	On
EW-3021	0.4	0.6	482	0.2	26.8	23.0	On
EW-3022	0.7	1.1	1,063	-2.5	33.6	24.0	On
EW-3023	1.8	5.3	2,482	1.1	25.7	22.8	On
EW-3024	0.5	0.5	638	1.5	---	24.0	On
EW-3025	2.0	2.2	2,932	-0.4	35.6	24.0	On
EW-3026	2.6	2.6	3,680	-2.6	36.6	24.0	On
EW-3027	0.5	6.1	338	1.1	---	12.8	On
EW-4001	2.9	5.5	4,134	-14.9	31.2	23.6	On
EW-4002	2.2	2.6	3,189	-47.1	14.6	24.0	On
EW-4003	2.0	2.2	2,929	-28.2	---	24.0	On
EW-4004	1.6	2.9	812	-10.3	16.3	8.9	On
EW-4005	2.0	2.2	2,910	-17.8	---	24.0	On
EW-4006	1.4	1.8	2,028	-51.1	31.0	24.0	On
EW-4007	1.0	1.1	1,403	-2.6	34.8	24.0	On
EW-4008	3.0	3.4	2,588	-9.8	36.9	14.8	On
EW-4009	0.8	1.2	1,193	-20.1	37.3	24.0	On
EW-4010	2.2	2.5	2,990	-4.0	47.8	23.6	On
EW-4011	2.3	2.5	3,176	-21.8	47.1	24.0	On
EW-5001	2.0	2.2	2,919	-22.1	---	24.0	On
EW-5002	0.0	0.0	0	3.5	0.8	0.0	Off
EW Totals	**162.1**		**233,340**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	232.2	168 GPM
FIT-500	200 GPM	217.9	271 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 6, 2015 12AM to November 7, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	19.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 6, 2015 12AM to November 7, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	27.2
Permeate Flow	FIT-642	0 GPM	19.8
Concentrate Flow	FIT-643	0 GPM	7.0

Inlet Conductivity	CIT-630	1,036.5 µS
Outlet Conductivity	CIT-642	117.8 µS
Hours Run		4.6 hrs
Recharge Tank pH	AIT-660A	6.0
Recharge Tank Temp	TIT-660C	95.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 7, 2015 12AM to November 8, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,684	1.4	39.7	24.0	On
EW-2002	0.9	0.9	1,250	5.9	39.0	24.0	On
EW-2003	1.0	1.1	1,528	7.0	36.7	24.0	On
EW-2004	0.5	0.6	750	6.8	32.0	24.0	On
EW-2005	0.5	0.7	697	7.1	29.6	24.0	On
EW-2006	1.2	1.3	1,728	5.6	26.6	24.0	On
EW-2007	2.0	2.1	2,818	7.4	22.2	24.0	On
EW-2008	0.7	1.0	1,075	3.1	22.4	24.0	On
EW-2009	1.2	4.9	1,250	3.2	22.6	17.2	On
EW-2010	0.0	1.5	232	6.5	21.7	12.3	Off
EW-2011	0.3	0.6	346	9.4	20.0	17.8	On
EW-2012	0.0	0.4	150	12.0	14.1	8.3	Off
EW-2013	0.0	0.4	309	17.6	14.1	16.0	Off
EW-2014	1.0	1.1	1,483	13.0	17.8	24.0	On
EW-2015	0.5	0.5	603	11.8	14.1	23.5	On
EW-2016	0.6	0.7	857	10.7	---	23.1	On
EW-2017	1.4	1.4	1,964	12.7	---	24.0	On
EW-2018	0.7	0.9	982	11.6	---	24.0	On
EW-2019	0.0	0.3	234	13.3	---	13.4	On
EW-2020	0.3	0.4	375	12.2	---	18.5	On
EW-2021	0.0	0.3	327	11.9	---	17.4	Off
EW-2022	0.0	0.0	0	0.0	---	0.0	Off
EW-2023	0.4	0.5	592	11.3	---	24.0	On
EW-2024	0.3	0.5	411	11.0	---	18.7	On
EW-2025	0.9	1.1	1,321	10.8	---	24.0	On
EW-2026	0.8	1.0	1,086	9.8	---	24.0	On
EW-2027	0.8	1.0	1,194	9.3	---	24.0	On
EW-2028	0.8	1.0	1,123	9.3	---	24.0	On
EW-2029	0.9	1.1	1,283	8.6	---	24.0	On
EW-2030	1.5	1.6	2,137	10.2	---	24.0	On
EW-2031	1.5	1.6	2,126	11.1	---	24.0	On
EW-2032	0.5	0.8	749	9.5	---	24.0	On
EW-2033	0.6	0.7	806	9.5	---	24.0	On
EW-2034	0.7	0.7	983	9.1	25.1	24.0	On
EW-2035	0.0	0.0	0	20.7	10.2	0.0	Off
EW-2036	0.7	2.8	1,012	13.1	30.5	23.9	On
EW-2037	1.0	5.2	1,349	4.2	34.6	24.0	On
EW-2101	20.0	20.2	28,807	15.3	57.4	24.0	On
EW-2102	18.5	19.3	27,030	15.4	60.9	24.0	On
EW-2103	5.1	5.4	7,273	20.4	35.9	24.0	On
EW-2104	45.1	45.3	64,826	13.9	59.7	24.0	On
EW-3001	0.0	0.0	0	2.2	14.1	0.0	Off
EW-3002	0.5	0.5	613	1.8	13.0	24.0	On
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

November 7, 2015 12AM to November 8, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	2.0	---	0.0	Off
EW-3005	2.3	2.3	3,274	-2.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.1	2,850	-3.7	---	24.0	On
EW-3008	1.1	1.1	1,487	0.6	---	24.0	On
EW-3009	0.0	0.0	0	0.9	---	0.0	Off
EW-3010	1.4	1.6	1,997	-2.2	---	24.0	On
EW-3011	0.0	0.0	0	0.0	-0.1	0.0	Off
EW-3012	0.6	1.1	964	-5.1	28.3	24.0	On
EW-3013	1.0	5.5	1,134	-6.4	36.2	17.2	On
EW-3014	0.3	0.5	158	-4.2	41.7	10.4	On
EW-3015	1.3	1.9	1,858	-6.2	46.9	24.0	On
EW-3016	0.8	1.1	1,071	-3.9	53.6	24.0	On
EW-3017	0.3	0.5	306	-5.5	55.3	16.1	On
EW-3018	0.0	0.5	57	-4.3	55.1	3.4	Off
EW-3019	0.9	1.3	1,265	-1.6	55.9	24.0	On
EW-3020	3.8	3.8	5,463	-1.9	39.2	24.0	On
EW-3021	0.4	0.5	512	0.0	26.8	23.3	On
EW-3022	0.7	1.0	1,083	-2.4	33.5	24.0	On
EW-3023	1.8	5.3	1,891	1.0	25.5	17.2	On
EW-3024	0.5	0.5	634	1.5	---	24.0	On
EW-3025	2.1	2.2	3,001	-0.4	35.4	24.0	On
EW-3026	2.4	2.6	3,511	-2.0	36.0	24.0	On
EW-3027	0.5	0.5	632	1.1	---	24.0	On
EW-4001	3.0	3.2	4,184	-15.3	31.2	23.9	On
EW-4002	2.2	2.3	3,154	-47.2	14.4	24.0	On
EW-4003	2.0	2.1	2,885	-28.3	---	24.0	On
EW-4004	1.7	1.8	2,360	-10.9	16.0	24.0	On
EW-4005	2.0	2.0	2,860	-18.1	---	24.0	On
EW-4006	1.4	1.5	1,999	-51.1	30.9	24.0	On
EW-4007	1.0	1.1	1,421	-3.0	34.7	24.0	On
EW-4008	3.0	3.1	4,271	-10.4	36.8	24.0	On
EW-4009	0.8	0.9	1,183	-20.5	37.2	24.0	On
EW-4010	2.2	2.2	3,129	-4.2	46.9	24.0	On
EW-4011	2.3	2.5	3,319	-22.1	46.2	24.0	On
EW-5001	2.0	2.1	2,900	-22.1	---	24.0	On
EW-5002	0.0	0.0	0	3.4	0.8	0.0	Off
EW Totals	**162.8**		**233,178**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	231.7	172 GPM
FIT-500	196 GPM	232.1	232 GPM
Effluent Temp	97.7 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 7, 2015 12AM to November 8, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 7, 2015 12AM to November 8, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,038.5 µS
Outlet Conductivity	CIT-642	274.9 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.1
Recharge Tank Temp	TIT-660C	89.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 8, 2015 12AM to November 9, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,683	1.6	39.4	24.0	On
EW-2002	0.9	0.9	1,256	6.1	38.9	24.0	On
EW-2003	1.0	1.0	1,433	7.4	36.5	24.0	On
EW-2004	0.5	0.5	740	7.0	31.8	24.0	On
EW-2005	0.5	0.6	694	7.3	29.5	24.0	On
EW-2006	1.2	1.2	1,692	5.7	26.5	24.0	On
EW-2007	2.0	2.0	2,822	7.6	22.0	24.0	On
EW-2008	0.8	0.8	1,074	3.0	22.1	24.0	On
EW-2009	1.2	1.3	1,709	3.2	22.2	24.0	On
EW-2010	0.0	0.4	307	5.3	21.4	16.4	Off
EW-2011	0.0	0.4	346	9.0	19.6	18.0	Off
EW-2012	0.0	0.4	95	10.7	0.0	5.3	Off
EW-2013	0.0	0.4	192	16.2	0.0	10.0	Off
EW-2014	1.1	1.1	1,482	13.4	17.6	24.0	On
EW-2015	0.5	0.5	636	12.2	14.0	24.0	On
EW-2016	0.7	0.7	876	10.6	---	23.4	On
EW-2017	1.4	1.4	2,005	12.9	---	24.0	On
EW-2018	0.8	0.9	975	11.8	---	24.0	On
EW-2019	0.0	0.3	241	12.4	---	13.8	Off
EW-2020	0.4	0.4	382	10.1	---	18.7	On
EW-2021	0.3	0.3	333	11.8	---	17.7	On
EW-2022	0.0	0.0	0	0.0	---	0.0	Off
EW-2023	0.4	0.5	591	11.9	---	23.9	On
EW-2024	0.5	0.5	409	9.6	---	19.0	On
EW-2025	1.1	1.1	1,334	11.1	---	24.0	On
EW-2026	0.9	0.9	1,091	10.0	---	24.0	On
EW-2027	1.0	1.0	1,198	9.5	---	24.0	On
EW-2028	1.0	1.0	1,128	9.5	---	24.0	On
EW-2029	1.1	1.1	1,286	8.8	---	24.0	On
EW-2030	1.6	1.6	2,145	10.5	---	24.0	On
EW-2031	1.5	1.6	2,129	11.4	---	24.0	On
EW-2032	0.7	0.8	749	9.7	---	24.0	On
EW-2033	0.7	0.7	807	9.8	---	24.0	On
EW-2034	0.7	0.7	979	9.0	25.1	24.0	On
EW-2035	0.0	0.0	0	20.7	8.8	0.0	Off
EW-2036	0.7	0.7	1,010	13.2	30.4	24.0	On
EW-2037	1.1	2.2	1,458	4.0	34.6	24.0	On
EW-2101	20.0	20.1	28,806	15.3	58.2	24.0	On
EW-2102	18.3	18.7	26,328	15.4	61.5	24.0	On
EW-2103	5.1	5.3	7,318	20.5	35.9	24.0	On
EW-2104	44.9	45.2	64,813	13.6	60.2	24.0	On
EW-3001	0.0	0.0	0	1.5	0.0	0.0	Off
EW-3002	0.0	0.5	380	0.7	0.0	15.3	Off
EW-3003	0.0	0.0	0	3.8	0.0	0.0	Off

Daily Log

November 8, 2015 12AM to November 9, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	2.4	---	0.0	Off
EW-3005	2.2	2.3	3,215	-2.1	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.0	2,788	-3.4	---	24.0	On
EW-3008	1.1	1.1	1,496	0.6	---	24.0	On
EW-3009	0.0	0.0	0	1.3	---	0.0	Off
EW-3010	1.4	1.4	1,911	-1.9	---	24.0	On
EW-3011	0.0	0.0	0	0.0	-0.1	0.0	Off
EW-3012	0.7	0.8	886	-4.9	28.0	24.0	On
EW-3013	1.1	1.2	1,539	-6.2	35.9	24.0	On
EW-3014	0.0	0.4	155	-4.2	41.3	10.2	Off
EW-3015	1.3	1.4	1,828	-6.0	47.1	24.0	On
EW-3016	0.8	0.9	1,060	-3.8	54.2	24.0	On
EW-3017	0.0	0.5	309	-7.0	56.0	16.3	Off
EW-3018	0.0	0.5	57	-4.6	55.8	3.4	Off
EW-3019	0.9	1.0	1,262	-1.7	56.5	24.0	On
EW-3020	3.8	3.8	5,486	-1.8	39.1	24.0	On
EW-3021	0.4	0.4	517	0.4	26.3	23.9	On
EW-3022	0.8	0.9	1,056	-2.2	33.1	24.0	On
EW-3023	1.8	1.9	2,603	1.3	25.3	24.0	On
EW-3024	0.5	0.5	640	2.3	---	24.0	On
EW-3025	2.1	2.1	2,995	-0.3	36.5	24.0	On
EW-3026	2.3	2.5	3,411	-1.9	38.2	24.0	On
EW-3027	0.4	0.5	638	1.4	---	24.0	On
EW-4001	2.9	3.0	4,240	-15.5	31.1	24.0	On
EW-4002	0.0	2.3	1,996	-57.7	0.0	15.3	Off
EW-4003	2.1	2.1	2,885	-27.7	---	24.0	On
EW-4004	1.8	1.8	2,482	-10.2	16.0	24.0	On
EW-4005	2.0	2.0	2,847	-17.9	---	24.0	On
EW-4006	1.4	1.5	1,986	-50.9	30.4	24.0	On
EW-4007	1.0	1.1	1,438	-3.0	34.0	24.0	On
EW-4008	3.0	3.1	4,304	-10.6	36.8	24.0	On
EW-4009	0.9	0.9	1,191	-20.5	36.9	24.0	On
EW-4010	2.2	2.2	3,119	-4.4	46.8	24.0	On
EW-4011	2.3	2.4	3,318	-21.9	46.1	24.0	On
EW-5001	2.0	2.1	2,899	-21.8	---	24.0	On
EW-5002	0.0	0.0	0	3.4	0.8	0.0	Off
EW Totals	**161.7**		**232,489**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	231.0	166 GPM
FIT-500	0 GPM	236.0	232 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 8, 2015 12AM to November 9, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 8, 2015 12AM to November 9, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,038.5 µS
Outlet Conductivity	CIT-642	390.4 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.2
Recharge Tank Temp	TIT-660C	85.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 9, 2015 12AM to November 10, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.1	2,658	1.5	37.0	23.9	On
EW-2002	0.9	3.0	1,245	6.1	36.4	23.9	On
EW-2003	0.6	1.1	1,019	10.1	33.9	23.9	On
EW-2004	0.5	2.2	757	6.7	29.8	23.9	On
EW-2005	0.5	2.6	691	7.3	27.7	23.9	On
EW-2006	1.2	4.1	1,702	5.7	24.9	23.6	On
EW-2007	1.9	5.0	2,784	7.7	21.0	23.9	On
EW-2008	0.8	3.5	1,071	3.1	21.2	23.8	On
EW-2009	1.2	4.4	1,711	3.3	21.5	23.9	On
EW-2010	0.0	0.7	302	5.3	20.6	16.2	Off
EW-2011	0.0	0.6	346	8.1	18.9	17.8	Off
EW-2012	0.0	2.5	46	0.0	0.9	2.4	Off
EW-2013	0.0	0.6	77	0.0	-0.2	3.9	Off
EW-2014	0.0	4.6	757	0.0	17.0	12.1	Off
EW-2015	0.0	0.7	317	0.0	10.1	12.2	Off
EW-2016	0.7	0.8	890	10.7	---	23.7	On
EW-2017	1.4	4.2	2,025	12.8	---	23.9	On
EW-2018	0.8	3.9	969	12.0	---	23.9	On
EW-2019	0.0	0.4	241	12.8	---	13.8	Off
EW-2020	0.4	0.6	380	10.7	---	18.5	On
EW-2021	0.3	0.4	335	13.5	---	17.7	On
EW-2022	0.0	0.0	0	0.0	---	0.0	Off
EW-2023	0.4	0.6	569	12.4	---	23.8	On
EW-2024	0.4	0.6	410	9.7	---	19.0	On
EW-2025	1.0	4.6	1,338	11.2	---	23.9	On
EW-2026	0.8	4.2	1,089	10.2	---	23.9	On
EW-2027	0.9	4.7	1,197	9.7	---	23.9	On
EW-2028	0.9	4.2	1,127	9.7	---	23.9	On
EW-2029	1.0	5.1	1,285	9.0	---	23.9	On
EW-2030	1.5	7.2	2,142	10.6	---	23.9	On
EW-2031	1.5	7.4	2,123	11.5	---	23.9	On
EW-2032	0.6	2.8	748	9.9	---	23.9	On
EW-2033	0.7	2.5	804	9.8	---	23.9	On
EW-2034	0.7	1.1	984	9.0	23.8	23.9	On
EW-2035	0.0	0.0	0	20.7	8.3	0.0	Off
EW-2036	0.7	3.0	1,002	13.3	30.0	23.9	On
EW-2037	0.9	6.2	1,361	3.8	33.6	23.9	On
EW-2101	17.2	20.5	25,388	15.7	53.4	23.5	On
EW-2102	18.7	20.6	26,598	15.2	58.1	23.9	On
EW-2103	5.0	6.3	7,225	20.6	35.5	23.9	On
EW-2104	45.1	45.4	64,460	13.5	59.5	23.9	On
EW-3001	0.0	2.2	7	2.3	14.1	0.4	Off
EW-3002	0.4	2.2	435	2.0	12.9	17.0	On
EW-3003	0.0	2.2	2	3.8	13.0	0.1	Off

Daily Log

November 9, 2015 12AM to November 10, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	2.2	2.3	3,149	-2.4	---	23.9	On
EW-3006	0.0	0.5	4	0.4	---	0.2	Off
EW-3007	1.8	5.5	2,700	-3.4	---	22.3	On
EW-3008	1.0	1.4	1,474	0.6	---	23.9	On
EW-3009	1.1	6.0	1,031	-1.6	---	15.1	On
EW-3010	1.3	5.7	1,911	-1.8	---	23.9	On
EW-3011	0.0	0.0	0	0.0	-0.2	0.0	Off
EW-3012	0.7	5.5	888	-4.8	26.5	23.9	On
EW-3013	1.1	5.2	1,538	-6.1	33.7	23.9	On
EW-3014	0.3	0.8	154	-4.5	38.7	10.1	On
EW-3015	1.3	4.7	1,828	-5.9	43.7	23.9	On
EW-3016	0.7	2.7	1,058	-3.8	50.5	23.9	On
EW-3017	0.3	0.9	305	-5.5	51.7	15.9	On
EW-3018	0.0	0.9	56	-4.0	51.4	3.3	Off
EW-3019	0.8	3.4	1,262	-1.3	52.2	23.9	On
EW-3020	3.8	6.2	5,471	-1.8	36.7	23.9	On
EW-3021	0.3	0.6	501	0.2	25.7	23.2	On
EW-3022	0.7	5.4	1,065	-2.2	31.1	23.9	On
EW-3023	1.8	5.2	2,669	1.2	24.0	23.9	On
EW-3024	0.5	0.6	620	1.9	---	23.9	On
EW-3025	2.1	2.9	3,024	-0.4	30.9	23.9	On
EW-3026	2.0	3.1	3,088	-0.7	31.1	23.9	On
EW-3027	0.0	0.9	268	1.4	---	10.5	Off
EW-4001	2.9	3.2	4,142	-15.2	30.7	23.8	On
EW-4002	2.3	6.9	2,372	-46.9	14.7	17.0	On
EW-4003	2.1	2.6	2,867	-28.9	---	23.8	On
EW-4004	0.0	1.9	1,358	4.4	15.0	13.7	Off
EW-4005	2.1	2.2	2,835	-19.0	---	23.8	On
EW-4006	1.3	5.3	1,973	-50.9	29.0	23.8	On
EW-4007	1.0	1.2	1,440	-3.0	32.6	23.8	On
EW-4008	3.0	3.1	4,219	-10.8	36.4	23.8	On
EW-4009	0.8	1.2	1,165	-20.3	34.8	23.8	On
EW-4010	2.2	2.2	3,080	-4.4	45.1	23.8	On
EW-4011	2.2	2.4	3,077	-20.1	44.4	23.8	On
EW-5001	2.1	2.2	2,863	-22.7	---	23.8	On
EW-5002	0.0	0.0	0	3.3	0.8	0.0	Off
EW Totals	**157.1**		**226,074**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	224.3	177 GPM
FIT-500	205 GPM	227.4	232 GPM
Effluent Temp	98.3 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 9, 2015 12AM to November 10, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 9, 2015 12AM to November 10, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,038.8 µS
Outlet Conductivity	CIT-642	458.3 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.3
Recharge Tank Temp	TIT-660C	83.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 10, 2015 12AM to November 11, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,646	1.7	37.5	24.0	On
EW-2002	0.8	0.9	1,237	6.2	36.9	24.0	On
EW-2003	0.6	0.6	833	10.0	34.5	24.0	On
EW-2004	0.5	0.5	769	6.7	30.5	24.0	On
EW-2005	0.4	0.6	691	7.2	28.4	24.0	On
EW-2006	1.1	1.2	1,686	5.6	25.8	24.0	On
EW-2007	1.9	2.0	2,771	7.6	21.9	24.0	On
EW-2008	0.7	0.8	1,069	3.2	22.7	24.0	On
EW-2009	1.2	1.3	1,713	3.4	23.0	24.0	On
EW-2010	0.3	0.4	300	6.1	22.1	16.4	On
EW-2011	0.3	0.4	343	9.0	20.4	17.7	On
EW-2012	0.0	0.0	0	0.0	-0.1	0.0	Off
EW-2013	0.0	0.0	0	0.0	-0.2	0.0	Off
EW-2014	0.0	0.0	0	0.0	15.7	0.0	Off
EW-2015	0.0	0.0	0	0.0	6.9	0.0	Off
EW-2016	0.5	0.7	915	10.2	---	23.9	On
EW-2017	1.4	1.5	2,042	12.7	---	24.0	On
EW-2018	0.4	0.9	978	11.9	---	24.0	On
EW-2019	0.3	0.3	243	11.9	---	13.9	On
EW-2020	0.3	0.4	383	10.1	---	18.9	On
EW-2021	0.3	0.3	341	11.3	---	18.2	On
EW-2022	0.0	0.0	0	10.4	---	0.0	Off
EW-2023	0.3	0.5	584	11.4	---	24.0	On
EW-2024	0.3	0.5	405	11.0	---	18.7	On
EW-2025	0.7	1.1	1,345	10.9	---	24.0	On
EW-2026	0.5	0.9	1,095	9.9	---	24.0	On
EW-2027	0.6	1.0	1,203	9.5	---	24.0	On
EW-2028	0.5	1.0	1,133	9.5	---	24.0	On
EW-2029	0.7	1.1	1,289	8.8	---	24.0	On
EW-2030	1.4	1.6	2,150	10.3	---	24.0	On
EW-2031	1.4	1.6	2,135	11.2	---	24.0	On
EW-2032	0.2	0.8	753	9.7	---	24.0	On
EW-2033	0.4	0.7	806	9.6	---	24.0	On
EW-2034	0.6	0.7	941	10.3	23.9	24.0	On
EW-2035	0.0	0.0	0	20.7	8.1	0.0	Off
EW-2036	0.7	0.8	997	13.2	31.1	24.0	On
EW-2037	0.0	3.5	677	2.9	0.0	13.1	Off
EW-2101	16.7	17.4	24,544	15.7	53.7	24.0	On
EW-2102	18.3	18.9	26,794	15.1	58.4	24.0	On
EW-2103	4.8	5.7	7,320	20.6	37.4	24.0	On
EW-2104	47.5	47.8	65,896	13.2	64.1	24.0	On
EW-3001	0.0	0.0	0	2.1	14.8	0.0	Off
EW-3002	0.3	0.5	632	1.8	13.6	24.0	On
EW-3003	0.0	0.0	0	3.8	13.7	0.0	Off

Daily Log

November 10, 2015 12AM to November 11, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.9	---	0.0	Off
EW-3005	2.1	2.2	3,063	-2.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.7	2.1	2,656	-3.5	---	24.0	On
EW-3008	0.9	1.1	1,475	0.6	---	24.0	On
EW-3009	1.0	1.4	1,631	-1.9	---	24.0	On
EW-3010	1.2	1.8	1,856	-2.1	---	24.0	On
EW-3011	0.0	0.0	0	0.0	-0.2	0.0	Off
EW-3012	0.4	0.9	887	-5.1	26.4	24.0	On
EW-3013	1.0	1.2	1,534	-6.2	33.6	24.0	On
EW-3014	0.3	0.4	153	-3.8	38.8	10.0	On
EW-3015	1.2	1.4	1,824	-6.0	43.9	24.0	On
EW-3016	0.7	0.8	1,055	-3.8	50.7	24.0	On
EW-3017	0.3	0.5	308	-6.5	52.0	16.1	On
EW-3018	0.0	0.5	58	-4.5	51.7	3.5	Off
EW-3019	0.9	1.0	1,257	-1.6	52.5	24.0	On
EW-3020	3.8	3.9	5,524	-1.8	37.1	24.0	On
EW-3021	0.3	0.5	470	0.2	26.4	22.7	On
EW-3022	0.7	0.9	1,030	-2.4	32.8	24.0	On
EW-3023	1.7	3.8	2,635	1.3	24.2	24.0	On
EW-3024	0.3	0.5	645	1.4	---	24.0	On
EW-3025	2.0	2.2	3,017	-0.3	36.2	24.0	On
EW-3026	2.1	2.3	2,993	-1.4	37.8	24.0	On
EW-3027	0.0	0.7	67	1.4	---	2.5	Off
EW-4001	2.9	3.1	4,191	-15.3	31.8	24.0	On
EW-4002	2.1	2.4	3,235	-47.1	15.2	24.0	On
EW-4003	2.0	2.1	3,008	-29.4	---	24.0	On
EW-4004	1.4	1.6	660	-7.4	16.1	7.3	On
EW-4005	2.0	2.1	2,990	-19.5	---	24.0	On
EW-4006	1.3	1.5	1,964	-51.2	30.2	24.0	On
EW-4007	1.0	1.1	1,421	-3.1	33.7	24.0	On
EW-4008	2.8	3.2	4,264	-10.3	38.1	24.0	On
EW-4009	0.8	0.9	1,195	-21.0	34.6	24.0	On
EW-4010	2.3	2.3	3,187	-4.9	45.5	23.8	On
EW-4011	2.1	2.8	3,092	-19.5	44.6	23.8	On
EW-5001	2.0	2.1	2,995	-23.0	---	24.0	On
EW-5002	0.0	0.0	0	3.2	0.8	0.0	Off
EW Totals	**153.9**		**225,997**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	223.9	162 GPM
FIT-500	197 GPM	228.6	270 GPM
Effluent Temp	98.3 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 10, 2015 12AM to November 11, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 10, 2015 12AM to November 11, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,038.5 µS
Outlet Conductivity	CIT-642	484.1 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.4
Recharge Tank Temp	TIT-660C	82.5 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 11, 2015 12AM to November 12, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.7	2,651	1.6	31.4	24.0	On
EW-2002	0.0	1.0	529	0.0	-0.1	10.3	Off
EW-2003	0.0	0.7	368	0.0	0.0	10.3	Off
EW-2004	0.0	0.6	325	0.0	-0.1	10.3	Off
EW-2005	0.5	1.3	689	7.2	25.1	24.0	On
EW-2006	1.2	1.5	1,677	5.6	23.4	24.0	On
EW-2007	1.9	2.2	2,748	7.6	20.8	24.0	On
EW-2008	0.7	0.9	1,067	3.0	21.4	24.0	On
EW-2009	1.2	1.3	1,704	3.2	21.7	24.0	On
EW-2010	0.0	0.5	299	5.9	20.8	16.3	Off
EW-2011	0.0	0.5	343	8.8	19.1	17.6	Off
EW-2012	0.0	4.0	0	0.0	0.0	0.0	Off
EW-2013	0.0	0.0	0	0.0	-0.2	0.0	Off
EW-2014	1.2	5.1	604	13.2	19.3	8.3	On
EW-2015	0.5	7.6	273	12.6	15.4	8.4	On
EW-2016	0.7	0.7	908	10.2	---	24.0	On
EW-2017	1.4	1.5	2,056	12.7	---	24.0	On
EW-2018	0.7	1.0	976	11.6	---	24.0	On
EW-2019	0.0	0.3	241	12.4	---	13.8	Off
EW-2020	0.4	0.5	382	10.4	---	18.8	On
EW-2021	0.3	0.4	338	12.7	---	18.0	On
EW-2022	0.5	3.5	275	12.4	---	11.4	On
EW-2023	0.4	0.5	579	11.5	---	23.8	On
EW-2024	0.3	0.5	406	10.9	---	19.3	On
EW-2025	0.9	1.2	1,339	10.8	---	24.0	On
EW-2026	0.8	1.0	1,094	9.8	---	24.0	On
EW-2027	0.8	1.1	1,201	9.3	---	24.0	On
EW-2028	0.8	1.1	1,131	9.3	---	24.0	On
EW-2029	0.9	1.1	1,286	8.6	---	24.0	On
EW-2030	1.5	1.6	2,145	10.2	---	24.0	On
EW-2031	1.5	1.6	2,127	11.1	---	24.0	On
EW-2032	0.5	0.8	750	9.5	---	24.0	On
EW-2033	0.6	0.8	804	9.5	---	24.0	On
EW-2034	0.6	0.6	842	10.9	25.1	24.0	On
EW-2035	0.0	0.9	4	20.7	-2.6	0.6	Off
EW-2036	0.7	1.2	983	13.3	32.2	24.0	On
EW-2037	1.0	6.2	789	4.0	35.8	11.9	On
EW-2101	19.1	20.4	22,799	15.5	59.7	23.9	On
EW-2102	18.4	21.0	22,982	15.1	63.6	23.9	On
EW-2103	5.2	11.4	6,857	20.6	38.6	22.6	On
EW-2104	47.4	48.3	49,616	13.4	65.4	22.6	On
EW-3001	0.0	0.0	0	2.3	15.1	0.0	Off
EW-3002	0.4	0.6	576	2.1	14.0	23.8	On
EW-3003	0.0	0.0	0	4.0	14.0	0.0	Off

Daily Log

November 11, 2015 12AM to November 12, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	2.4	---	0.0	Off
EW-3005	2.1	2.1	2,983	-1.6	---	24.0	On
EW-3006	0.0	0.0	0	0.5	---	0.0	Off
EW-3007	2.1	2.1	2,766	-3.6	---	24.0	On
EW-3008	1.0	1.1	1,447	0.6	---	24.0	On
EW-3009	0.0	1.3	767	0.0	---	11.5	Off
EW-3010	1.4	1.5	1,934	-2.1	---	24.0	On
EW-3011	0.0	0.0	0	0.0	-0.2	0.0	Off
EW-3012	0.6	1.9	883	-5.2	28.3	24.0	On
EW-3013	1.1	2.5	1,527	-6.2	36.3	24.0	On
EW-3014	0.0	0.8	154	-4.3	42.0	10.0	Off
EW-3015	1.3	5.3	1,820	-5.9	48.1	24.0	On
EW-3016	0.7	2.0	1,052	-3.8	56.0	24.0	On
EW-3017	0.4	1.1	305	-5.9	57.8	15.9	On
EW-3018	0.4	1.0	57	-4.8	57.7	3.4	On
EW-3019	0.9	2.8	1,260	-1.3	58.5	24.0	On
EW-3020	3.9	6.6	5,581	-1.6	31.4	24.0	On
EW-3021	0.4	0.7	475	0.5	27.8	22.8	On
EW-3022	0.8	1.5	1,049	-2.5	34.3	24.0	On
EW-3023	1.9	3.0	2,607	1.2	25.8	24.0	On
EW-3024	0.5	0.5	623	1.9	---	24.0	On
EW-3025	2.1	2.5	2,972	-0.2	37.1	24.0	On
EW-3026	2.1	2.4	3,198	-1.2	38.8	24.0	On
EW-3027	0.0	0.0	0	2.0	---	0.0	Off
EW-4001	2.9	3.4	4,269	-15.3	32.8	24.0	On
EW-4002	2.2	2.5	3,203	-47.2	15.5	24.0	On
EW-4003	2.0	2.2	2,948	-27.5	---	24.0	On
EW-4004	1.6	1.8	2,247	-7.6	16.0	24.0	On
EW-4005	2.0	2.2	2,940	-17.8	---	24.0	On
EW-4006	1.4	2.2	1,956	-51.1	31.5	24.0	On
EW-4007	1.0	1.2	1,405	-3.0	35.1	24.0	On
EW-4008	2.9	3.7	3,940	-10.3	39.4	22.6	On
EW-4009	0.8	1.2	1,193	-20.2	37.2	24.0	On
EW-4010	2.1	2.4	3,015	-3.9	46.5	22.6	On
EW-4011	2.1	2.9	2,943	-18.5	45.9	22.6	On
EW-5001	2.0	2.2	2,929	-21.2	---	24.0	On
EW-5002	0.0	0.0	0	3.2	31.1	0.0	Off
EW Totals	**161.2**		**203,212**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	201.3	165 GPM
FIT-500	203 GPM	202.6	231 GPM
Effluent Temp	97.2 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

November 11, 2015 12AM to November 12, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 11, 2015 12AM to November 12, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,037.9 µS
Outlet Conductivity	CIT-642	554.1 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.2
Recharge Tank Temp	TIT-660C	78.8 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 12, 2015 12AM to November 13, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.0	2,654	1.6	30.9	24.0	On
EW-2002	0.0	0.0	0	0.0	-0.1	0.0	Off
EW-2003	0.0	0.0	0	13.1	28.6	0.0	Off
EW-2004	0.0	0.0	0	14.9	25.7	0.0	Off
EW-2005	0.5	1.1	694	7.3	24.6	24.0	On
EW-2006	1.1	1.6	1,671	5.6	22.9	24.0	On
EW-2007	1.9	4.9	2,734	7.6	20.3	23.7	On
EW-2008	0.7	3.6	1,047	3.1	22.0	23.7	On
EW-2009	1.2	4.4	1,691	3.4	22.2	23.7	On
EW-2010	0.3	1.2	296	5.4	21.3	16.2	On
EW-2011	0.4	0.6	341	8.5	19.6	17.7	On
EW-2012	0.3	5.9	71	13.4	15.2	3.7	On
EW-2013	0.3	0.5	170	18.9	15.3	7.5	On
EW-2014	1.2	1.3	1,693	13.2	18.5	24.0	On
EW-2015	0.6	0.9	722	12.7	14.7	24.0	On
EW-2016	0.7	0.8	865	11.1	---	23.4	On
EW-2017	1.4	1.6	2,033	12.7	---	24.0	On
EW-2018	0.8	1.1	960	11.7	---	24.0	On
EW-2019	0.3	0.3	234	12.6	---	13.4	On
EW-2020	0.4	0.5	376	11.6	---	18.4	On
EW-2021	0.3	0.4	332	11.4	---	17.6	On
EW-2022	0.5	0.8	617	11.7	---	23.9	On
EW-2023	0.5	0.6	570	12.8	---	23.6	On
EW-2024	0.5	0.6	398	10.4	---	18.8	On
EW-2025	1.1	1.3	1,320	11.0	---	24.0	On
EW-2026	0.9	1.1	1,083	9.9	---	24.0	On
EW-2027	1.0	1.2	1,197	9.4	---	24.0	On
EW-2028	0.9	1.1	1,126	9.4	---	24.0	On
EW-2029	1.0	1.3	1,281	8.7	---	24.0	On
EW-2030	1.5	1.8	2,140	10.5	---	24.0	On
EW-2031	1.5	1.8	2,127	11.4	---	24.0	On
EW-2032	0.7	0.9	744	9.5	---	24.0	On
EW-2033	0.7	1.0	802	9.7	---	24.0	On
EW-2034	0.6	0.6	802	10.9	25.0	24.0	On
EW-2035	0.0	0.0	0	20.7	-2.6	0.0	Off
EW-2036	0.7	0.7	971	13.1	31.7	24.0	On
EW-2037	1.0	1.2	1,474	4.0	35.2	24.0	On
EW-2101	18.9	19.6	27,318	15.4	58.6	24.0	On
EW-2102	18.2	18.8	26,149	15.0	62.5	24.0	On
EW-2103	5.1	5.3	7,303	20.6	37.9	24.0	On
EW-2104	47.5	47.7	68,129	13.0	64.5	24.0	On
EW-3001	0.0	0.0	0	2.0	15.1	0.0	Off
EW-3002	0.4	0.5	592	2.3	13.7	23.9	On
EW-3003	0.0	0.0	0	3.8	13.5	0.0	Off

Daily Log

November 12, 2015 12AM to November 13, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	8	1.9	---	0.4	Off
EW-3005	2.2	2.2	3,044	-2.5	---	24.0	On
EW-3006	0.0	0.5	13	0.4	---	0.6	Off
EW-3007	1.9	2.7	2,881	-3.5	---	24.0	On
EW-3008	1.0	1.1	1,467	0.6	---	24.0	On
EW-3009	0.0	0.0	0	0.0	---	0.0	Off
EW-3010	1.3	1.9	1,994	-1.9	---	24.0	On
EW-3011	0.6	1.1	439	0.4	24.0	13.0	On
EW-3012	0.6	1.4	876	-4.9	27.7	24.0	On
EW-3013	1.0	5.3	1,519	-6.2	35.5	23.7	On
EW-3014	0.0	0.5	154	-4.1	41.5	10.2	Off
EW-3015	1.2	1.8	1,817	-6.0	47.4	24.0	On
EW-3016	0.7	1.1	1,050	-3.9	54.8	24.0	On
EW-3017	0.3	0.5	302	-5.2	56.6	15.8	On
EW-3018	0.0	0.6	57	-4.1	56.3	3.3	Off
EW-3019	0.9	1.3	1,261	-1.4	57.1	24.0	On
EW-3020	3.9	6.5	5,603	-1.7	30.8	23.7	On
EW-3021	0.4	0.5	522	0.1	26.4	23.8	On
EW-3022	0.7	1.0	1,077	-2.3	31.3	24.0	On
EW-3023	1.7	5.3	2,570	1.1	25.1	23.7	On
EW-3024	0.5	0.6	627	1.5	---	24.0	On
EW-3025	2.2	2.4	3,070	-0.4	32.7	24.0	On
EW-3026	1.8	2.3	2,946	0.0	32.7	24.0	On
EW-3027	0.4	0.9	228	1.1	---	8.7	On
EW-4001	3.0	3.0	4,168	-16.3	32.3	24.0	On
EW-4002	2.2	2.5	3,193	-47.0	15.4	24.0	On
EW-4003	2.1	2.2	2,843	-29.4	---	24.0	On
EW-4004	1.7	1.8	2,351	-9.2	15.5	24.0	On
EW-4005	2.1	2.2	2,870	-20.2	---	24.0	On
EW-4006	1.3	1.5	1,942	-50.9	29.5	24.0	On
EW-4007	1.0	1.1	1,424	-3.6	33.0	24.0	On
EW-4008	3.0	3.0	4,176	-11.2	38.8	24.0	On
EW-4009	0.9	1.0	1,181	-21.5	36.6	24.0	On
EW-4010	2.1	2.1	2,984	-4.2	46.0	24.0	On
EW-4011	2.1	2.1	2,976	-19.1	45.3	24.0	On
EW-5001	2.1	2.2	2,876	-23.1	---	24.0	On
EW-5002	0.0	0.0	0	3.2	21.3	0.0	Off
EW Totals	**164.7**		**231,240**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	229.4	173 GPM
FIT-500	0 GPM	235.5	232 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

November 12, 2015 12AM to November 13, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 12, 2015 12AM to November 13, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,039.1 µS
Outlet Conductivity	CIT-642	570.0 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.1
Recharge Tank Temp	TIT-660C	80.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 13, 2015 12AM to November 14, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.9	2,570	1.4	39.2	23.2	On
EW-2002	0.8	6.1	488	6.1	38.8	9.4	On
EW-2003	1.3	6.3	1,028	5.3	36.5	12.5	On
EW-2004	0.6	5.8	504	6.6	31.6	13.0	On
EW-2005	0.5	2.8	671	7.0	29.3	23.2	On
EW-2006	1.2	3.6	1,621	5.3	26.2	23.1	On
EW-2007	1.9	4.7	2,662	7.4	22.4	23.2	On
EW-2008	0.7	3.8	1,024	3.2	22.7	23.1	On
EW-2009	1.1	4.4	1,649	3.3	22.9	23.1	On
EW-2010	0.3	0.6	289	6.5	22.1	15.6	On
EW-2011	0.3	0.6	333	9.3	20.4	16.9	On
EW-2012	0.3	0.5	163	13.5	14.9	9.0	On
EW-2013	0.4	0.6	467	18.8	15.0	20.7	On
EW-2014	1.2	5.4	1,640	13.0	18.1	23.1	On
EW-2015	0.5	7.6	684	12.6	14.4	23.2	On
EW-2016	0.6	0.8	824	11.2	---	22.4	On
EW-2017	1.5	4.2	1,974	12.5	---	23.2	On
EW-2018	0.7	7.5	936	11.6	---	23.2	On
EW-2019	0.0	0.3	228	12.4	---	13.1	Off
EW-2020	0.3	0.5	367	12.1	---	17.8	On
EW-2021	0.0	0.4	318	12.8	---	16.8	Off
EW-2022	0.5	0.7	576	11.1	---	22.7	On
EW-2023	0.4	0.6	545	11.4	---	22.8	On
EW-2024	0.4	0.6	387	9.6	---	18.0	On
EW-2025	0.9	7.3	1,281	10.8	---	23.1	On
EW-2026	0.8	7.3	1,055	9.8	---	23.2	On
EW-2027	0.8	7.2	1,168	9.3	---	23.2	On
EW-2028	0.8	7.2	1,095	9.3	---	23.2	On
EW-2029	0.9	7.3	1,247	8.6	---	23.2	On
EW-2030	1.5	7.3	2,074	10.2	---	23.2	On
EW-2031	1.5	7.5	2,066	11.1	---	23.2	On
EW-2032	0.5	7.0	729	9.5	---	23.2	On
EW-2033	0.6	3.0	784	9.5	---	23.2	On
EW-2034	0.7	3.5	884	8.9	25.5	23.0	On
EW-2035	0.0	1.3	8	20.6	-2.7	1.2	Off
EW-2036	0.7	3.0	943	13.1	30.7	23.1	On
EW-2037	1.0	6.3	1,435	4.0	34.1	23.1	On
EW-2101	18.7	19.9	26,136	15.4	59.1	23.2	On
EW-2102	17.5	18.8	24,654	15.1	62.7	23.2	On
EW-2103	5.1	8.7	7,028	20.6	36.3	23.1	On
EW-2104	45.0	47.7	64,500	13.2	60.3	23.1	On
EW-3001	0.0	0.6	3	2.1	14.7	0.1	Off
EW-3002	0.4	0.5	539	1.7	13.4	22.3	On
EW-3003	0.0	0.6	6	3.8	13.3	0.3	Off

Daily Log

November 13, 2015 12AM to November 14, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	14	1.9	---	0.6	Off
EW-3005	2.1	2.2	2,948	-2.2	---	23.1	On
EW-3006	0.0	0.6	13	0.4	---	0.6	Off
EW-3007	2.0	5.8	2,706	-3.7	---	23.1	On
EW-3008	1.1	1.3	1,395	0.6	---	23.1	On
EW-3009	0.0	6.2	2	0.9	---	0.0	Off
EW-3010	1.4	5.8	1,884	-2.2	---	23.1	On
EW-3011	0.6	0.9	765	0.2	24.2	21.9	On
EW-3012	0.6	5.6	850	-5.1	27.7	23.1	On
EW-3013	1.1	5.1	1,488	-6.5	35.7	23.1	On
EW-3014	0.0	0.5	154	-4.6	41.9	10.0	Off
EW-3015	1.3	4.4	1,768	-6.0	47.8	23.1	On
EW-3016	0.7	2.5	1,024	-3.9	55.3	23.1	On
EW-3017	0.3	0.5	304	-7.0	57.0	16.3	On
EW-3018	0.0	0.5	20	-8.7	0.8	1.2	Off
EW-3019	0.9	3.2	1,223	-1.6	57.7	23.1	On
EW-3020	3.8	6.1	5,336	-1.9	39.0	23.1	On
EW-3021	0.4	0.6	477	0.1	27.1	22.3	On
EW-3022	0.8	5.3	1,031	-2.4	34.1	23.1	On
EW-3023	1.7	5.3	2,360	1.1	25.2	23.1	On
EW-3024	0.5	0.6	595	1.5	---	22.9	On
EW-3025	2.0	2.7	2,955	-0.5	36.3	23.1	On
EW-3026	2.6	4.0	2,734	-2.8	37.0	23.1	On
EW-3027	0.5	0.7	536	1.0	---	20.6	On
EW-4001	2.9	3.3	4,097	-15.0	31.2	23.0	On
EW-4002	2.2	6.8	3,098	-47.0	15.1	23.0	On
EW-4003	1.9	3.5	2,776	-26.6	---	23.0	On
EW-4004	1.6	1.8	2,313	-7.6	15.9	23.0	On
EW-4005	1.9	2.2	2,827	-16.3	---	23.0	On
EW-4006	1.4	5.7	1,909	-51.1	31.4	23.0	On
EW-4007	1.0	1.2	1,401	-3.2	35.3	23.0	On
EW-4008	3.0	3.5	4,101	-11.0	37.1	23.0	On
EW-4009	0.8	0.9	1,130	-18.3	36.6	23.0	On
EW-4010	2.2	2.3	2,882	-4.3	45.2	23.0	On
EW-4011	2.1	2.4	2,884	-18.0	44.5	23.0	On
EW-5001	1.9	2.2	2,820	-20.6	---	23.0	On
EW-5002	0.0	1.5	0	3.2	0.3	0.0	Off
EW Totals	**162.0**		**224,407**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	222.8	184 GPM
FIT-500	200 GPM	224.8	231 GPM
Effluent Temp	97.2 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 13, 2015 12AM to November 14, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 13, 2015 12AM to November 14, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,038.8 µS
Outlet Conductivity	CIT-642	579.9 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.3
Recharge Tank Temp	TIT-660C	79.8 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 14, 2015 12AM to November 15, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.0	2,665	1.4	38.9	24.0	On
EW-2002	0.8	1.0	1,128	6.1	38.4	24.0	On
EW-2003	1.3	1.4	1,861	5.5	36.2	24.0	On
EW-2004	0.6	0.6	823	6.9	31.3	24.0	On
EW-2005	0.5	0.5	680	7.2	29.2	24.0	On
EW-2006	1.2	1.2	1,728	5.7	26.1	24.0	On
EW-2007	1.9	2.0	2,761	7.5	22.4	24.0	On
EW-2008	0.7	0.8	1,048	3.0	22.9	24.0	On
EW-2009	1.2	1.3	1,697	3.2	23.1	24.0	On
EW-2010	0.3	0.4	295	5.2	22.2	16.3	On
EW-2011	0.3	0.4	339	8.1	20.5	17.6	On
EW-2012	0.3	0.4	150	13.3	14.9	8.5	On
EW-2013	0.4	0.5	445	17.1	14.9	20.0	On
EW-2014	1.2	1.2	1,688	13.1	18.0	24.0	On
EW-2015	0.5	0.7	684	12.7	14.3	24.0	On
EW-2016	0.6	0.7	837	11.2	---	22.8	On
EW-2017	1.4	1.5	2,033	12.7	---	24.0	On
EW-2018	0.7	0.9	961	11.6	---	24.0	On
EW-2019	0.3	0.3	229	12.3	---	13.1	On
EW-2020	0.4	0.4	373	10.6	---	18.3	On
EW-2021	0.3	0.3	322	12.5	---	17.1	On
EW-2022	0.4	0.6	569	11.8	---	22.6	On
EW-2023	0.4	0.5	584	11.1	---	23.7	On
EW-2024	0.0	0.5	389	9.6	---	18.1	Off
EW-2025	0.9	1.1	1,314	10.8	---	24.0	On
EW-2026	0.8	1.0	1,079	9.8	---	24.0	On
EW-2027	0.8	1.0	1,193	9.3	---	24.0	On
EW-2028	0.8	1.0	1,113	9.3	---	24.0	On
EW-2029	0.9	1.1	1,273	8.6	---	24.0	On
EW-2030	1.5	1.6	2,142	10.2	---	24.0	On
EW-2031	1.5	1.6	2,135	11.1	---	24.0	On
EW-2032	0.5	0.8	741	9.5	---	24.0	On
EW-2033	0.5	0.7	799	9.6	---	24.0	On
EW-2034	0.7	0.8	982	9.0	24.6	24.0	On
EW-2035	0.0	0.0	0	20.6	-2.6	0.0	Off
EW-2036	0.7	0.7	972	13.1	30.5	24.0	On
EW-2037	1.0	1.1	1,460	3.9	34.0	24.0	On
EW-2101	18.7	19.0	26,936	15.3	58.1	24.0	On
EW-2102	17.4	17.7	24,925	15.0	61.4	24.0	On
EW-2103	5.1	5.2	7,312	20.5	36.2	24.0	On
EW-2104	45.1	45.2	64,812	12.9	60.2	24.0	On
EW-3001	0.0	0.0	0	1.8	14.7	0.0	Off
EW-3002	0.0	0.5	381	2.5	13.2	16.7	Off
EW-3003	0.0	0.0	0	3.8	13.2	0.0	Off

Daily Log

November 14, 2015 12AM to November 15, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	1.9	2.1	2,919	-3.0	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	2.0	2,475	-3.6	---	24.0	On
EW-3008	1.0	1.1	1,460	0.6	---	24.0	On
EW-3009	3.3	6.7	2,476	-1.9	---	12.0	On
EW-3010	1.1	1.5	1,804	-2.2	---	24.0	On
EW-3011	0.0	0.8	400	1.9	23.2	11.9	Off
EW-3012	0.6	0.7	858	-5.2	27.2	24.0	On
EW-3013	1.0	1.2	1,520	-6.5	35.1	24.0	On
EW-3014	0.3	0.4	151	-3.9	41.3	10.0	On
EW-3015	1.2	1.3	1,809	-6.3	47.0	24.0	On
EW-3016	0.7	0.8	1,042	-4.0	54.5	24.0	On
EW-3017	0.0	0.4	302	-4.9	55.9	16.7	On
EW-3018	0.0	0.0	0	-8.7	0.4	0.0	Off
EW-3019	0.8	0.9	1,241	-1.6	56.7	24.0	On
EW-3020	3.8	3.8	5,426	-1.9	38.6	24.0	On
EW-3021	0.3	0.4	344	0.3	26.3	18.1	On
EW-3022	0.6	0.8	993	-2.4	32.4	24.0	On
EW-3023	1.6	1.7	2,356	1.1	24.7	24.0	On
EW-3024	0.4	0.5	565	1.3	---	22.7	On
EW-3025	1.8	2.1	2,789	-0.4	34.4	24.0	On
EW-3026	2.5	2.6	3,655	-2.9	35.1	24.0	On
EW-3027	0.0	0.5	309	0.3	---	12.0	Off
EW-4001	2.9	3.0	4,196	-15.5	31.0	24.0	On
EW-4002	2.1	2.4	3,190	-47.1	15.1	24.0	On
EW-4003	2.0	2.0	2,767	-27.5	---	24.0	On
EW-4004	1.6	1.6	2,254	-7.8	15.9	24.0	On
EW-4005	1.9	1.9	2,728	-17.1	---	24.0	On
EW-4006	1.3	1.5	1,969	-51.0	30.1	24.0	On
EW-4007	1.1	1.1	1,507	-3.7	33.7	24.0	On
EW-4008	3.0	3.1	4,344	-11.5	37.1	24.0	On
EW-4009	0.8	0.9	1,159	-20.7	36.0	24.0	On
EW-4010	2.2	2.2	3,135	-4.6	45.4	24.0	On
EW-4011	2.1	2.1	2,954	-18.5	44.5	24.0	On
EW-5001	1.9	2.0	2,746	-21.0	---	24.0	On
EW-5002	0.0	0.0	0	3.2	0.3	0.0	Off
EW Totals	**162.1**		**231,697**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	230.0	167 GPM
FIT-500	203 GPM	229.1	232 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 14, 2015 12AM to November 15, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 14, 2015 12AM to November 15, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,039.1 µS
Outlet Conductivity	CIT-642	570.0 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.3
Recharge Tank Temp	TIT-660C	79.7 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 15, 2015 12AM to November 16, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	4.3	2,648	1.5	38.5	23.9	On
EW-2002	0.8	4.6	1,107	6.0	38.0	23.9	On
EW-2003	1.2	4.8	1,803	5.6	35.8	23.9	On
EW-2004	0.6	4.2	808	6.7	31.0	23.8	On
EW-2005	0.5	2.3	676	7.1	28.8	23.9	On
EW-2006	1.2	3.5	1,694	5.4	25.8	23.8	On
EW-2007	1.9	4.7	2,739	7.4	22.2	23.9	On
EW-2008	0.6	3.6	1,043	3.1	22.4	23.9	On
EW-2009	1.1	4.3	1,690	3.3	22.7	23.9	On
EW-2010	0.3	0.7	289	6.6	21.8	15.9	On
EW-2011	0.3	0.7	336	9.5	20.1	17.3	On
EW-2012	0.0	0.5	133	11.7	14.4	7.6	Off
EW-2013	0.4	0.6	404	17.5	14.4	18.1	On
EW-2014	1.2	5.2	1,670	13.1	17.9	23.9	On
EW-2015	0.5	3.6	671	12.6	14.3	23.9	On
EW-2016	0.0	0.8	833	11.3	---	22.7	Off
EW-2017	1.4	4.2	1,997	12.6	---	23.9	On
EW-2018	0.7	4.9	958	11.7	---	23.9	On
EW-2019	0.0	0.4	227	12.0	---	13.1	Off
EW-2020	0.0	0.6	369	10.1	---	17.9	Off
EW-2021	0.0	0.4	318	12.1	---	16.9	Off
EW-2022	0.5	0.7	557	11.1	---	22.4	On
EW-2023	0.5	0.6	587	11.0	---	23.7	On
EW-2024	0.0	0.6	384	10.5	---	17.7	Off
EW-2025	0.9	5.6	1,299	10.8	---	23.9	On
EW-2026	0.8	5.3	1,071	9.8	---	23.9	On
EW-2027	0.8	5.9	1,182	9.3	---	23.9	On
EW-2028	0.8	5.2	1,101	9.3	---	23.9	On
EW-2029	0.9	6.4	1,265	8.6	---	23.9	On
EW-2030	1.5	7.2	2,125	10.2	---	23.9	On
EW-2031	1.5	7.4	2,118	11.1	---	23.9	On
EW-2032	0.5	3.6	739	9.5	---	23.9	On
EW-2033	0.6	2.7	794	9.5	---	23.9	On
EW-2034	0.7	3.4	969	9.1	24.5	23.9	On
EW-2035	0.0	0.0	0	20.6	-2.7	0.0	Off
EW-2036	0.7	2.9	954	13.3	30.6	23.9	On
EW-2037	1.0	6.0	1,451	3.9	34.1	23.9	On
EW-2101	18.6	20.0	26,676	15.3	58.2	23.9	On
EW-2102	17.3	18.4	24,560	15.0	61.7	23.9	On
EW-2103	5.2	5.4	7,259	20.5	36.2	23.9	On
EW-2104	45.0	45.3	64,570	12.9	60.5	23.9	On
EW-3001	0.0	0.0	0	1.8	14.3	0.0	Off
EW-3002	0.0	0.5	203	2.5	13.0	10.5	Off
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

November 15, 2015 12AM to November 16, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	1.9	2.0	2,715	-3.1	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	5.4	2,166	-3.7	---	23.9	On
EW-3008	0.9	1.3	1,418	0.6	---	23.9	On
EW-3009	3.4	6.9	4,805	-2.0	---	23.9	On
EW-3010	1.1	5.7	1,574	-2.2	---	23.9	On
EW-3011	0.0	0.8	13	1.9	23.3	0.3	Off
EW-3012	0.6	5.4	856	-5.2	27.1	23.9	On
EW-3013	1.1	5.0	1,510	-6.4	35.1	23.9	On
EW-3014	0.0	0.5	151	-4.0	40.9	9.9	Off
EW-3015	1.3	4.3	1,799	-6.1	46.8	23.9	On
EW-3016	0.7	2.4	1,038	-4.0	54.7	23.9	On
EW-3017	0.3	0.5	305	-6.1	56.4	16.8	On
EW-3018	0.0	0.0	0	-8.7	0.2	0.0	Off
EW-3019	0.9	3.1	1,232	-1.3	56.9	23.9	On
EW-3020	3.7	6.5	5,402	-1.7	38.3	23.9	On
EW-3021	0.0	0.5	240	0.9	26.0	13.9	Off
EW-3022	0.7	4.6	907	-2.5	32.3	23.9	On
EW-3023	1.6	5.2	2,326	1.2	24.7	23.9	On
EW-3024	0.5	0.6	523	1.1	---	21.5	On
EW-3025	1.8	2.3	2,628	-0.5	34.2	23.9	On
EW-3026	2.5	3.7	3,566	-2.8	35.0	23.9	On
EW-3027	0.0	0.2	0	0.2	---	0.0	Off
EW-4001	3.0	3.1	4,186	-16.0	31.2	23.9	On
EW-4002	2.2	6.2	3,167	-47.1	14.7	23.9	On
EW-4003	2.0	3.4	2,755	-27.8	---	23.9	On
EW-4004	1.6	1.8	2,256	-8.4	15.9	23.9	On
EW-4005	1.9	2.2	2,719	-17.5	---	23.9	On
EW-4006	1.4	4.5	1,954	-51.1	29.9	23.9	On
EW-4007	1.1	1.1	1,504	-3.7	33.6	23.9	On
EW-4008	3.0	3.2	4,319	-11.8	37.0	23.9	On
EW-4009	0.8	0.9	1,158	-20.0	36.0	23.9	On
EW-4010	2.2	2.2	3,097	-4.7	45.4	23.9	On
EW-4011	2.1	2.2	2,953	-19.3	44.6	23.9	On
EW-5001	2.0	2.2	2,747	-21.4	---	23.9	On
EW-5002	0.0	0.0	0	3.2	0.3	0.0	Off
EW Totals	**159.9**		**230,261**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	228.2	189 GPM
FIT-500	202 GPM	238.5	231 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 15, 2015 12AM to November 16, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 15, 2015 12AM to November 16, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,039.1 µS
Outlet Conductivity	CIT-642	595.8 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	78.7 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 16, 2015 12AM to November 17, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.1	2,640	1.4	38.5	24.0	On
EW-2002	0.7	1.0	1,088	6.1	38.0	24.0	On
EW-2003	1.2	1.3	1,751	5.6	35.8	24.0	On
EW-2004	0.5	0.7	811	6.8	31.1	24.0	On
EW-2005	0.4	0.6	669	7.2	29.1	24.0	On
EW-2006	1.1	1.3	1,691	5.6	26.2	24.0	On
EW-2007	1.9	2.0	2,721	7.6	22.8	24.0	On
EW-2008	0.7	0.9	1,045	3.2	23.3	24.0	On
EW-2009	1.2	1.3	1,684	3.4	23.7	24.0	On
EW-2010	0.3	0.4	290	5.9	22.7	16.1	On
EW-2011	0.3	0.5	338	8.9	21.0	17.6	On
EW-2012	0.0	0.4	128	12.5	14.9	7.4	Off
EW-2013	0.3	0.5	379	17.4	15.0	17.4	On
EW-2014	1.1	5.3	1,641	13.2	17.4	23.6	On
EW-2015	0.5	2.2	616	13.0	14.5	23.5	On
EW-2016	0.5	0.7	821	11.1	---	22.7	On
EW-2017	1.3	1.4	1,974	12.7	---	24.0	On
EW-2018	0.7	3.0	948	11.6	---	24.0	On
EW-2019	0.3	0.3	224	12.9	---	12.9	On
EW-2020	0.3	0.4	366	11.6	---	18.1	On
EW-2021	0.3	0.3	312	13.9	---	16.6	On
EW-2022	0.0	0.6	548	13.0	---	21.9	Off
EW-2023	0.3	0.5	571	11.5	---	23.4	On
EW-2024	0.3	0.5	378	10.6	---	18.0	On
EW-2025	0.9	1.1	1,295	11.2	---	24.0	On
EW-2026	0.7	1.0	1,067	10.2	---	24.0	On
EW-2027	0.8	1.0	1,179	9.7	---	24.0	On
EW-2028	0.7	1.0	1,098	9.7	---	24.0	On
EW-2029	0.8	1.1	1,261	9.0	---	24.0	On
EW-2030	1.3	1.6	2,119	10.5	---	24.0	On
EW-2031	1.3	1.6	2,111	11.4	---	24.0	On
EW-2032	0.5	0.8	734	9.9	---	24.0	On
EW-2033	0.5	0.8	792	9.9	---	24.0	On
EW-2034	0.6	0.9	970	9.0	25.6	24.0	On
EW-2035	0.0	0.0	0	20.6	-2.7	0.0	Off
EW-2036	0.6	0.9	933	13.1	25.5	24.0	On
EW-2037	0.9	1.6	1,445	4.0	28.9	24.0	On
EW-2101	18.7	24.1	26,792	15.3	59.7	23.9	On
EW-2102	17.5	21.4	24,894	15.3	63.8	23.9	On
EW-2103	4.8	5.4	7,312	20.4	34.0	24.0	On
EW-2104	44.9	45.3	64,824	12.8	57.9	24.0	On
EW-3001	0.0	0.0	0	1.8	14.8	0.0	Off
EW-3002	0.3	0.5	183	1.6	13.5	9.3	On
EW-3003	0.0	0.0	0	3.8	13.5	0.0	Off

Daily Log

November 16, 2015 12AM to November 17, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	1.8	1.9	2,675	-2.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.4	2.1	2,170	-3.4	---	24.0	On
EW-3008	0.9	1.1	1,455	0.6	---	24.0	On
EW-3009	3.2	6.4	5,014	-1.6	---	24.0	On
EW-3010	0.9	1.6	1,519	-1.9	---	24.0	On
EW-3011	0.3	0.5	218	0.6	24.5	8.1	On
EW-3012	0.5	1.2	850	-4.8	28.1	24.0	On
EW-3013	1.0	2.3	1,499	-6.3	36.2	24.0	On
EW-3014	0.0	0.5	151	-4.2	42.0	10.0	Off
EW-3015	1.2	2.7	1,799	-6.1	48.1	24.0	On
EW-3016	0.7	1.8	1,036	-4.0	56.2	24.0	On
EW-3017	0.3	0.9	302	-5.8	57.8	16.6	On
EW-3018	0.0	0.0	0	0.0	0.0	0.0	Off
EW-3019	0.8	2.0	1,226	-1.3	58.3	24.0	On
EW-3020	3.7	3.8	5,342	-1.6	38.3	24.0	On
EW-3021	0.3	0.5	252	-0.2	25.0	14.4	On
EW-3022	0.6	1.4	904	-2.3	30.9	24.0	On
EW-3023	1.4	2.3	2,284	1.2	25.6	24.0	On
EW-3024	0.3	0.5	533	1.3	---	21.9	On
EW-3025	1.8	2.4	2,557	-0.4	32.9	23.6	On
EW-3026	2.5	4.2	3,555	-2.8	33.5	23.6	On
EW-3027	0.0	0.0	0	0.0	---	0.0	Off
EW-4001	0.0	3.0	1,950	0.0	0.7	10.9	Off
EW-4002	2.1	2.4	3,155	-47.0	15.1	24.0	On
EW-4003	1.8	2.0	2,796	-27.9	---	24.0	On
EW-4004	1.4	2.7	2,176	-7.4	16.6	23.2	On
EW-4005	1.8	2.0	2,757	-17.3	---	24.0	On
EW-4006	1.3	2.0	1,949	-50.9	28.6	24.0	On
EW-4007	1.0	1.4	1,510	-3.1	32.2	24.0	On
EW-4008	3.0	3.2	4,426	-11.7	35.0	24.0	On
EW-4009	0.8	1.2	1,171	-21.1	37.1	24.0	On
EW-4010	0.0	2.2	1,768	0.0	1.7	13.6	Off
EW-4011	2.3	2.5	3,166	-21.6	33.0	24.0	On
EW-5001	1.8	2.1	2,801	-21.3	---	24.0	On
EW-5002	0.0	0.0	0	3.2	0.3	0.0	Off
EW Totals	**153.2**		**227,607**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	225.3	166 GPM
FIT-500	200 GPM	222.9	232 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

November 16, 2015 12AM to November 17, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 16, 2015 12AM to November 17, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,039.7 µS
Outlet Conductivity	CIT-642	595.8 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	79.1 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 17, 2015 12AM to November 18, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.1	2,626	1.4	38.5	24.0	On
EW-2002	0.8	1.0	1,078	6.0	38.0	24.0	On
EW-2003	1.2	1.3	1,717	5.7	35.7	24.0	On
EW-2004	0.6	0.6	806	6.9	31.0	24.0	On
EW-2005	0.5	0.5	663	7.2	28.7	24.0	On
EW-2006	1.2	1.2	1,655	5.6	25.7	24.0	On
EW-2007	1.9	1.9	2,695	7.6	22.1	24.0	On
EW-2008	0.7	0.8	1,040	3.0	21.9	24.0	On
EW-2009	1.3	1.3	1,678	3.2	22.2	24.0	On
EW-2010	0.0	0.4	288	5.8	21.2	16.0	Off
EW-2011	0.0	0.4	337	8.3	19.4	17.4	Off
EW-2012	0.3	0.5	127	13.1	15.2	7.4	On
EW-2013	0.3	0.5	359	18.5	15.2	16.7	On
EW-2014	1.2	1.2	1,642	13.2	17.4	24.0	On
EW-2015	0.5	0.7	660	12.6	14.1	24.0	On
EW-2016	0.7	0.7	821	11.6	---	22.6	On
EW-2017	1.4	1.4	1,939	12.8	---	24.0	On
EW-2018	0.7	0.9	966	11.2	---	24.0	On
EW-2019	0.0	0.3	224	12.7	---	12.9	Off
EW-2020	0.4	0.4	366	10.2	---	17.9	On
EW-2021	0.3	0.3	313	11.9	---	16.7	On
EW-2022	0.5	0.6	550	12.1	---	22.5	On
EW-2023	0.5	0.5	560	11.1	---	23.4	On
EW-2024	0.4	0.5	374	9.7	---	17.6	On
EW-2025	0.9	1.1	1,284	10.8	---	24.0	On
EW-2026	0.7	0.9	1,057	9.8	---	24.0	On
EW-2027	0.8	1.0	1,170	9.3	---	24.0	On
EW-2028	0.8	1.0	1,089	9.3	---	24.0	On
EW-2029	0.9	1.1	1,250	8.6	---	24.0	On
EW-2030	1.5	1.6	2,102	10.3	---	24.0	On
EW-2031	1.5	1.6	2,094	11.2	---	24.0	On
EW-2032	0.5	0.8	724	9.5	---	24.0	On
EW-2033	0.5	0.8	781	9.5	---	24.0	On
EW-2034	0.7	3.4	960	8.9	25.3	23.6	On
EW-2035	0.0	0.0	0	20.5	-2.7	0.0	Off
EW-2036	0.6	0.7	922	13.2	26.1	24.0	On
EW-2037	1.0	1.1	1,435	4.1	29.9	24.0	On
EW-2101	18.5	18.9	26,664	15.2	59.1	24.0	On
EW-2102	17.1	17.8	24,906	15.1	63.2	24.0	On
EW-2103	5.2	5.2	7,285	20.3	35.8	24.0	On
EW-2104	47.8	48.1	67,425	12.5	62.8	24.0	On
EW-3001	0.0	0.0	0	1.9	14.9	0.0	Off
EW-3002	0.4	0.5	215	1.6	13.4	11.0	On
EW-3003	0.0	0.0	0	3.8	13.2	0.0	Off

Daily Log

November 17, 2015 12AM to November 18, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	1.7	1.8	2,529	-2.7	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	1.8	2,166	-3.5	---	24.0	On
EW-3008	1.0	1.1	1,405	0.6	---	24.0	On
EW-3009	3.7	4.7	5,151	-1.9	---	24.0	On
EW-3010	1.1	1.3	1,467	-2.1	---	24.0	On
EW-3011	0.5	2.0	612	0.4	24.0	23.6	On
EW-3012	0.6	5.8	838	-5.0	27.6	23.6	On
EW-3013	1.0	1.7	1,490	-6.2	35.9	24.0	On
EW-3014	0.3	0.5	149	-4.0	41.8	9.9	On
EW-3015	1.2	1.7	1,792	-6.1	47.9	24.0	On
EW-3016	0.7	1.1	1,028	-3.9	55.6	24.0	On
EW-3017	0.3	0.5	301	-5.5	57.4	16.6	On
EW-3018	0.0	0.0	0	0.0	0.0	0.0	Off
EW-3019	0.8	1.2	1,226	-1.5	57.9	24.0	On
EW-3020	3.7	3.7	5,302	-1.7	38.2	24.0	On
EW-3021	0.0	0.4	282	0.4	25.2	15.6	Off
EW-3022	0.6	0.7	883	-2.4	31.5	24.0	On
EW-3023	1.5	5.3	2,126	1.1	25.2	23.6	On
EW-3024	0.5	0.5	552	1.7	---	22.3	On
EW-3025	1.8	1.9	2,535	-0.4	33.4	24.0	On
EW-3026	2.5	2.5	3,595	-2.8	34.1	24.0	On
EW-3027	0.0	1.1	0	0.5	---	0.0	Off
EW-4001	0.0	0.0	0	0.0	0.6	0.0	Off
EW-4002	2.2	2.4	3,155	-47.1	15.3	24.0	On
EW-4003	2.0	2.0	2,819	-27.7	---	24.0	On
EW-4004	1.7	1.7	2,286	-7.9	15.9	24.0	On
EW-4005	2.0	2.0	2,784	-17.1	---	24.0	On
EW-4006	1.4	1.5	1,964	-51.1	29.1	24.0	On
EW-4007	1.1	1.1	1,485	-2.6	32.8	24.0	On
EW-4008	2.9	3.1	4,295	-10.5	36.6	24.0	On
EW-4009	0.8	0.9	1,209	-21.1	36.8	24.0	On
EW-4010	0.0	0.0	0	0.0	1.8	0.0	Off
EW-4011	2.3	2.4	3,313	-20.6	34.0	24.0	On
EW-5001	2.0	2.0	2,799	-21.4	---	24.0	On
EW-5002	0.0	0.0	0	3.2	0.3	0.0	Off
EW Totals	**160.0**		**226,383**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	223.9	168 GPM
FIT-500	0 GPM	233.8	231 GPM
Effluent Temp	99.0 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

November 17, 2015 12AM to November 18, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 17, 2015 12AM to November 18, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,040.8 µS
Outlet Conductivity	CIT-642	608.5 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	80.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 18, 2015 12AM to November 19, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.2	2,232	1.5	38.2	20.0	On
EW-2002	0.8	5.4	931	6.2	37.7	19.8	On
EW-2003	1.2	5.3	1,494	5.5	35.4	20.0	On
EW-2004	0.6	5.2	702	6.9	30.6	19.8	On
EW-2005	0.5	2.6	574	7.3	28.6	19.8	On
EW-2006	1.2	3.7	1,481	5.5	25.7	20.0	On
EW-2007	1.9	4.5	2,289	7.6	22.2	20.0	On
EW-2008	0.7	3.8	1,018	3.1	22.7	23.2	On
EW-2009	1.2	4.5	1,632	3.4	22.9	23.2	On
EW-2010	0.3	0.6	285	5.2	22.1	15.6	On
EW-2011	0.3	0.6	330	8.5	20.4	17.0	On
EW-2012	0.0	0.5	163	13.2	14.6	9.0	Off
EW-2013	0.4	0.5	349	18.5	14.7	16.6	On
EW-2014	1.2	1.8	1,664	12.9	17.4	24.0	On
EW-2015	0.6	0.9	656	12.7	14.1	24.0	On
EW-2016	0.7	0.7	810	10.8	---	22.6	On
EW-2017	1.4	1.4	1,951	12.6	---	24.0	On
EW-2018	0.8	1.1	944	11.1	---	24.0	On
EW-2019	0.3	0.3	223	12.2	---	12.9	On
EW-2020	0.4	0.5	359	11.9	---	17.7	On
EW-2021	0.3	0.4	308	12.5	---	16.5	On
EW-2022	0.6	0.6	534	12.4	---	21.4	On
EW-2023	0.5	0.5	587	11.0	---	23.5	On
EW-2024	0.4	0.5	365	10.1	---	18.0	On
EW-2025	1.0	1.1	1,277	11.0	---	24.0	On
EW-2026	0.9	1.2	1,071	9.6	---	24.0	On
EW-2027	1.0	1.2	1,166	9.4	---	24.0	On
EW-2028	1.0	1.4	1,120	8.9	---	24.0	On
EW-2029	1.1	4.2	1,303	7.5	---	24.0	On
EW-2030	1.5	1.7	2,093	10.5	---	24.0	On
EW-2031	1.5	1.7	2,088	11.4	---	24.0	On
EW-2032	0.7	1.9	741	9.0	---	24.0	On
EW-2033	0.7	1.5	790	9.4	---	24.0	On
EW-2034	0.7	3.5	841	9.0	24.1	20.0	On
EW-2035	0.0	2.6	25	20.5	-2.7	0.6	Off
EW-2036	0.6	1.0	913	13.1	26.2	24.0	On
EW-2037	1.0	2.4	1,429	4.1	29.8	24.0	On
EW-2101	15.5	19.5	20,775	15.7	53.3	20.0	On
EW-2102	17.5	18.4	20,542	14.9	59.1	20.0	On
EW-2103	5.1	11.1	7,327	20.3	35.9	24.0	On
EW-2104	47.8	48.5	68,603	12.4	63.0	23.9	On
EW-3001	0.0	0.0	0	1.9	14.6	0.0	Off
EW-3002	0.4	0.5	303	1.7	13.2	14.7	On
EW-3003	0.0	0.0	0	3.8	13.1	0.0	Off

Daily Log

November 18, 2015 12AM to November 19, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	1	1.2	---	0.1	Off
EW-3005	1.6	1.7	2,399	-2.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.7	1.9	2,320	-3.5	---	24.0	On
EW-3008	0.9	1.0	1,370	0.6	---	24.0	On
EW-3009	2.3	4.2	4,322	-0.6	---	23.5	On
EW-3010	1.1	1.5	1,613	-1.9	---	24.0	On
EW-3011	0.5	0.9	589	0.2	22.8	19.7	On
EW-3012	0.7	5.6	770	-5.9	26.0	20.0	On
EW-3013	0.9	5.0	1,212	-4.5	33.4	20.0	On
EW-3014	0.3	0.5	144	-4.5	38.7	9.0	On
EW-3015	1.2	4.6	1,546	-6.1	44.0	20.0	On
EW-3016	0.8	2.6	970	-6.0	51.0	20.0	On
EW-3017	0.0	1.0	275	-6.5	51.9	14.7	Off
EW-3018	0.0	0.0	0	0.0	0.1	0.0	Off
EW-3019	0.9	3.7	1,114	-2.5	52.7	20.0	On
EW-3020	3.8	7.1	4,584	-1.8	38.0	20.0	On
EW-3021	0.3	0.7	341	-0.1	25.7	18.3	On
EW-3022	0.6	1.4	913	-2.2	31.8	24.0	On
EW-3023	1.6	5.4	1,955	0.7	23.8	20.0	On
EW-3024	0.5	0.6	607	1.4	---	23.3	On
EW-3025	1.8	2.2	2,603	-0.4	33.9	24.0	On
EW-3026	2.5	2.9	3,600	-2.8	34.5	24.0	On
EW-3027	0.7	1.3	471	0.3	---	12.3	On
EW-4001	0.0	0.0	0	0.0	0.7	0.0	Off
EW-4002	2.3	2.4	3,152	-47.0	14.9	24.0	On
EW-4003	2.1	2.2	2,905	-29.8	---	24.0	On
EW-4004	1.6	2.1	2,297	-8.0	15.7	23.1	On
EW-4005	2.2	2.3	2,950	-19.8	---	24.0	On
EW-4006	1.4	2.2	1,966	-50.9	29.5	24.0	On
EW-4007	1.0	1.2	1,469	-2.5	33.1	24.0	On
EW-4008	3.0	3.6	4,224	-10.8	36.7	24.0	On
EW-4009	0.8	2.0	959	-19.2	34.4	20.0	On
EW-4010	0.0	0.0	0	0.0	1.8	0.0	Off
EW-4011	2.1	2.6	3,108	-18.1	33.3	24.0	On
EW-5001	2.2	2.3	2,960	-24.1	---	24.0	On
EW-5002	0.0	0.0	0	3.1	0.3	0.0	Off
EW Totals	**159.6**		**213,992**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	211.5	177 GPM
FIT-500	0 GPM	215.9	232 GPM
Effluent Temp	99.0 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

November 18, 2015 12AM to November 19, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 18, 2015 12AM to November 19, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,041.4 µS
Outlet Conductivity	CIT-642	610.0 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	81.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 19, 2015 12AM to November 20, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	4.0	2,235	1.4	38.6	19.9	On
EW-2002	0.8	5.6	927	6.1	38.2	19.7	On
EW-2003	1.2	6.0	1,478	5.5	35.7	19.9	On
EW-2004	0.6	4.9	698	6.8	30.9	19.7	On
EW-2005	0.5	3.0	572	7.2	28.7	19.9	On
EW-2006	1.3	4.2	1,506	5.5	25.8	19.5	On
EW-2007	1.9	5.0	2,273	7.6	22.3	19.9	On
EW-2008	0.7	4.3	898	3.0	22.7	19.6	On
EW-2009	1.2	5.2	1,418	3.2	23.0	19.8	On
EW-2010	0.3	0.7	254	5.5	22.1	13.6	On
EW-2011	0.3	0.7	286	8.5	20.4	14.6	On
EW-2012	0.4	0.6	221	12.2	13.0	11.7	On
EW-2013	0.0	0.6	339	17.4	12.3	16.5	Off
EW-2014	1.2	5.5	1,597	13.0	13.6	21.2	On
EW-2015	0.5	7.7	637	12.6	12.0	23.1	On
EW-2016	0.7	0.9	788	10.1	---	21.9	On
EW-2017	1.4	4.2	1,895	12.6	---	23.1	On
EW-2018	0.7	7.6	935	11.0	---	23.1	On
EW-2019	0.3	0.4	218	12.9	---	12.6	On
EW-2020	0.0	0.7	352	11.2	---	17.5	Off
EW-2021	0.3	0.5	305	12.7	---	16.1	On
EW-2022	0.4	0.8	514	11.9	---	22.1	On
EW-2023	0.4	0.7	559	11.4	---	23.1	On
EW-2024	0.0	0.7	356	11.0	---	17.4	Off
EW-2025	0.9	7.3	1,239	10.8	---	23.1	On
EW-2026	0.7	7.3	1,058	9.5	---	23.1	On
EW-2027	0.8	7.2	1,136	9.4	---	23.1	On
EW-2028	0.8	7.2	1,129	8.9	---	23.1	On
EW-2029	0.9	7.4	1,332	7.5	---	23.1	On
EW-2030	1.5	7.4	2,020	10.2	---	23.1	On
EW-2031	1.5	7.6	2,023	11.1	---	23.1	On
EW-2032	0.5	7.0	745	9.0	---	23.1	On
EW-2033	1.5	3.4	735	9.0	---	16.4	On
EW-2034	0.7	3.6	833	9.1	25.0	19.9	On
EW-2035	1.1	2.8	965	6.4	19.8	13.4	On
EW-2036	0.6	2.8	888	13.2	18.8	23.1	On
EW-2037	1.0	6.2	1,391	3.8	21.0	23.1	On
EW-2101	17.8	20.7	19,279	15.4	59.5	20.0	On
EW-2102	16.4	21.9	20,221	15.3	63.4	20.0	On
EW-2103	0.0	5.3	3,068	20.6	22.4	10.1	Off
EW-2104	34.1	49.3	59,843	13.2	36.1	23.1	On
EW-3001	0.0	0.6	5	1.9	13.1	0.3	Off
EW-3002	0.0	0.6	386	2.0	12.2	17.3	Off
EW-3003	0.0	0.6	7	3.8	12.4	0.4	Off

Daily Log

November 19, 2015 12AM to November 20, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	48	1.2	---	3.5	Off
EW-3005	1.6	1.7	2,230	-2.2	---	22.8	On
EW-3006	0.0	0.6	11	0.4	---	0.5	Off
EW-3007	1.7	5.9	2,356	-3.6	---	21.3	On
EW-3008	1.1	1.1	1,345	0.6	---	22.8	On
EW-3009	2.2	3.1	3,033	-0.7	---	22.8	On
EW-3010	1.2	5.9	1,685	-2.1	---	22.8	On
EW-3011	0.6	0.8	610	0.0	23.6	19.4	On
EW-3012	0.7	6.1	817	-6.0	27.2	19.4	On
EW-3013	1.0	1.3	1,078	-4.3	35.2	19.6	On
EW-3014	0.0	0.8	145	-4.5	41.3	9.0	Off
EW-3015	1.3	5.2	1,524	-6.2	47.7	19.6	On
EW-3016	0.9	2.9	1,029	-6.0	56.2	19.4	On
EW-3017	0.3	1.0	272	-5.2	57.8	14.4	On
EW-3018	0.0	0.0	0	0.0	0.0	0.0	Off
EW-3019	0.9	3.8	1,136	-2.4	58.5	19.4	On
EW-3020	3.8	6.6	4,543	-1.9	38.4	19.6	On
EW-3021	0.3	0.7	379	-0.1	20.4	18.9	On
EW-3022	0.7	5.4	944	-2.3	26.9	22.8	On
EW-3023	1.7	5.6	2,056	0.6	24.7	19.5	On
EW-3024	0.5	0.7	581	1.2	---	22.8	On
EW-3025	1.8	2.7	2,591	-0.5	28.9	22.8	On
EW-3026	2.5	4.2	3,510	-2.9	29.5	22.8	On
EW-3027	0.7	1.0	856	0.2	---	22.8	On
EW-4001	0.0	0.0	0	0.0	0.7	0.0	Off
EW-4002	2.2	6.8	3,051	-47.2	13.6	22.7	On
EW-4003	3.5	7.5	3,520	-55.9	---	22.7	On
EW-4004	1.7	1.9	1,891	-8.2	15.7	19.5	On
EW-4005	3.5	6.7	3,564	-44.8	---	22.7	On
EW-4006	1.4	5.8	1,928	-51.1	24.4	22.7	On
EW-4007	1.0	1.4	1,405	-3.0	28.1	22.7	On
EW-4008	3.2	3.7	4,150	-11.8	23.8	22.7	On
EW-4009	0.8	1.3	921	-17.5	36.2	19.5	On
EW-4010	0.0	0.0	0	0.0	1.8	0.0	Off
EW-4011	2.2	2.5	2,904	-19.4	24.9	22.7	On
EW-5001	2.0	2.3	2,792	-22.3	---	22.7	On
EW-5002	0.0	1.6	96	4.9	20.4	1.9	Off
EW Totals	**144.5**		**198,563**				

	Value	Total (KGal)	Peak Flow
FIT-100	144 GPM	197.1	206 GPM
FIT-500	203 GPM	201.7	231 GPM
Effluent Temp	98.6 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 19, 2015 12AM to November 20, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 19, 2015 12AM to November 20, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,042.5 µS
Outlet Conductivity	CIT-642	620.4 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	79.7 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 20, 2015 12AM to November 21, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.3	2,362	1.4	38.8	21.0	On
EW-2002	0.8	4.9	988	6.1	38.3	21.0	On
EW-2003	1.2	5.2	1,528	5.5	35.8	21.0	On
EW-2004	0.6	4.4	736	6.6	30.6	21.0	On
EW-2005	0.5	2.8	604	7.1	28.5	21.0	On
EW-2006	1.3	3.6	1,626	5.4	25.6	21.0	On
EW-2007	1.9	4.7	2,404	7.4	21.9	21.0	On
EW-2008	0.7	4.0	964	3.1	21.3	20.9	On
EW-2009	1.2	4.5	1,498	3.2	21.6	20.9	On
EW-2010	0.0	0.6	268	6.2	20.7	14.4	Off
EW-2011	0.0	0.6	309	9.1	19.0	15.6	Off
EW-2012	0.3	0.6	201	13.1	13.1	10.7	On
EW-2013	0.4	0.6	306	17.6	13.1	15.2	On
EW-2014	1.2	5.6	1,484	13.0	12.5	21.0	On
EW-2015	0.5	7.9	593	12.6	11.6	21.0	On
EW-2016	0.7	0.9	710	9.9	---	20.0	On
EW-2017	1.4	4.3	1,747	12.6	---	21.0	On
EW-2018	0.7	7.7	868	11.0	---	21.0	On
EW-2019	0.0	0.3	207	11.6	---	11.9	Off
EW-2020	0.0	0.6	327	10.2	---	16.1	Off
EW-2021	0.0	0.4	279	12.6	---	14.9	Off
EW-2022	0.0	0.7	479	11.6	---	19.7	Off
EW-2023	0.5	0.6	511	11.1	---	21.0	On
EW-2024	0.4	0.6	334	10.2	---	16.4	On
EW-2025	0.9	7.4	1,163	10.8	---	20.9	On
EW-2026	0.8	7.5	995	9.4	---	21.0	On
EW-2027	0.8	7.4	1,062	9.3	---	21.0	On
EW-2028	0.8	7.4	1,048	8.8	---	21.0	On
EW-2029	1.0	7.5	1,234	7.4	---	21.0	On
EW-2030	1.5	7.5	1,870	10.2	---	21.0	On
EW-2031	1.5	7.8	1,903	11.1	---	21.0	On
EW-2032	0.5	7.2	697	8.9	---	21.0	On
EW-2033	0.5	4.2	642	9.4	---	9.8	On
EW-2034	0.8	3.8	880	8.9	24.2	21.0	On
EW-2035	0.0	3.0	621	20.7	-2.7	9.1	Off
EW-2036	0.6	2.9	831	13.0	20.1	20.9	On
EW-2037	1.0	6.5	1,288	3.8	22.5	20.9	On
EW-2101	17.5	19.1	22,286	15.4	58.8	21.0	On
EW-2102	16.1	17.2	20,388	15.1	63.2	21.0	On
EW-2103	0.0	0.0	0	20.8	17.7	0.0	Off
EW-2104	19.9	34.3	42,639	13.7	22.1	20.9	On
EW-3001	0.0	0.6	15	1.9	12.8	0.8	Off
EW-3002	0.0	0.6	219	2.7	11.6	10.0	Off
EW-3003	0.0	0.5	17	3.8	11.5	0.8	Off

Daily Log

November 20, 2015 12AM to November 21, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	23	1.3	---	1.6	Off
EW-3005	1.5	1.7	1,958	-2.2	---	20.9	On
EW-3006	0.0	0.6	15	0.4	---	0.6	Off
EW-3007	1.6	6.0	2,147	-3.7	---	20.9	On
EW-3008	0.9	1.1	1,222	0.6	---	20.9	On
EW-3009	3.8	7.1	4,261	-2.0	---	20.9	On
EW-3010	1.1	5.9	1,494	-2.2	---	20.9	On
EW-3011	0.0	0.7	608	0.1	22.6	19.8	Off
EW-3012	0.7	5.7	885	-6.2	26.6	20.9	On
EW-3013	1.1	5.4	1,309	-6.5	34.6	20.9	On
EW-3014	0.0	0.5	150	-3.4	40.3	9.1	On
EW-3015	1.2	4.5	1,608	-6.3	46.5	20.9	On
EW-3016	0.9	2.4	1,130	-6.5	55.5	20.9	On
EW-3017	0.2	1.0	287	-7.6	56.9	15.3	On
EW-3018	0.0	1.3	1	9.9	57.2	0.0	Off
EW-3019	1.0	3.2	1,251	-3.0	57.7	20.9	On
EW-3020	3.9	6.1	4,886	-2.0	38.5	20.9	On
EW-3021	0.0	0.5	286	0.8	18.7	14.9	Off
EW-3022	0.7	5.5	901	-2.6	25.8	20.9	On
EW-3023	1.7	5.4	2,185	0.5	24.2	20.9	On
EW-3024	0.5	0.6	549	0.9	---	20.9	On
EW-3025	2.1	2.8	2,544	-1.3	27.8	20.9	On
EW-3026	2.5	4.2	3,237	-2.8	28.4	20.9	On
EW-3027	0.0	0.7	446	0.3	---	12.4	Off
EW-4001	3.2	3.3	1,356	-1.0	21.0	7.8	On
EW-4002	2.2	6.8	2,858	-47.1	13.4	20.7	On
EW-4003	3.7	8.0	4,590	-56.1	---	20.7	On
EW-4004	1.6	1.9	1,965	-7.8	15.3	20.7	On
EW-4005	3.8	6.8	4,693	-45.1	---	20.7	On
EW-4006	1.4	6.0	1,866	-51.2	23.0	20.7	On
EW-4007	1.1	1.2	1,267	-3.6	26.9	20.7	On
EW-4008	3.2	3.3	3,721	-11.8	19.1	20.7	On
EW-4009	0.9	1.1	969	-18.6	35.5	20.7	On
EW-4010	2.4	2.7	1,034	1.3	36.1	7.7	On
EW-4011	2.3	2.5	2,713	-20.9	35.4	20.7	On
EW-5001	2.0	2.1	2,425	-20.6	---	20.7	On
EW-5002	0.0	0.0	0	5.2	15.2	0.0	Off
EW Totals	**133.2**		**183,973**				

	Value	Total (KGal)	Peak Flow
FIT-100	132 GPM	182.5	187 GPM
FIT-500	202 GPM	180.5	231 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

November 20, 2015 12AM to November 21, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 20, 2015 12AM to November 21, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,042.0 µS
Outlet Conductivity	CIT-642	622.7 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	78.9 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 21, 2015 12AM to November 22, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	4.2	2,619	1.4	38.8	23.4	On
EW-2002	0.7	4.9	1,080	6.1	38.2	23.4	On
EW-2003	1.2	5.1	1,689	5.4	35.8	23.4	On
EW-2004	0.6	4.4	793	6.7	30.7	23.3	On
EW-2005	0.5	2.6	650	7.2	28.6	23.4	On
EW-2006	1.3	4.1	1,763	5.3	25.7	23.2	On
EW-2007	1.9	4.8	2,643	7.4	22.1	23.4	On
EW-2008	0.6	4.0	1,045	3.1	22.2	23.2	On
EW-2009	1.1	4.6	1,650	3.3	22.5	23.2	On
EW-2010	0.3	0.7	285	6.6	21.6	15.5	On
EW-2011	0.3	0.6	331	9.5	20.0	16.9	On
EW-2012	0.3	0.5	151	12.6	13.3	8.4	On
EW-2013	0.0	0.6	333	18.3	13.3	15.8	Off
EW-2014	1.2	5.5	1,644	13.0	14.4	23.3	On
EW-2015	0.4	7.7	644	12.6	12.5	23.5	On
EW-2016	0.6	0.9	794	11.0	---	22.0	On
EW-2017	1.4	4.3	1,929	12.5	---	23.5	On
EW-2018	0.6	7.6	946	11.0	---	23.5	On
EW-2019	0.0	0.4	218	12.4	---	12.6	Off
EW-2020	0.0	0.5	355	11.4	---	17.2	Off
EW-2021	0.3	0.4	302	13.8	---	16.0	On
EW-2022	0.4	0.7	524	11.5	---	22.0	On
EW-2023	0.4	0.6	585	11.1	---	23.4	On
EW-2024	0.0	0.6	363	10.6	---	17.5	Off
EW-2025	0.9	7.3	1,271	10.8	---	23.3	On
EW-2026	0.8	7.5	1,088	9.4	---	23.5	On
EW-2027	0.8	7.4	1,160	9.3	---	23.5	On
EW-2028	0.8	7.4	1,146	8.8	---	23.5	On
EW-2029	0.9	7.5	1,353	7.4	---	23.4	On
EW-2030	1.5	7.5	2,064	10.2	---	23.5	On
EW-2031	1.5	7.8	2,115	11.2	---	23.5	On
EW-2032	0.5	7.1	753	8.9	---	23.5	On
EW-2033	0.5	3.7	785	9.4	---	23.5	On
EW-2034	0.7	3.7	956	9.0	24.3	23.5	On
EW-2035	1.2	1.9	572	6.4	20.4	7.7	On
EW-2036	0.7	2.9	916	13.0	23.9	23.2	On
EW-2037	1.0	6.4	1,405	3.8	26.2	23.2	On
EW-2101	15.8	18.7	23,573	15.6	57.1	23.4	On
EW-2102	16.5	17.7	22,824	14.8	62.5	23.4	On
EW-2103	0.0	0.0	0	20.8	24.0	0.0	Off
EW-2104	33.1	34.5	40,982	13.7	37.0	23.2	On
EW-3001	0.0	0.4	8	1.9	13.2	0.4	Off
EW-3002	0.0	0.6	291	2.7	11.9	12.6	Off
EW-3003	0.0	0.0	0	3.8	12.0	0.0	Off

Daily Log

November 21, 2015 12AM to November 22, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	9	1.2	---	0.5	Off
EW-3005	1.5	1.6	2,112	-2.3	---	23.1	On
EW-3006	0.0	0.6	4	0.4	---	0.2	Off
EW-3007	1.6	5.7	2,233	-3.7	---	23.1	On
EW-3008	0.9	1.0	1,298	0.6	---	23.1	On
EW-3009	3.8	7.1	5,390	-2.0	---	23.1	On
EW-3010	1.1	5.9	1,538	-2.1	---	23.1	On
EW-3011	0.5	0.7	651	-0.1	22.9	21.7	On
EW-3012	0.7	5.7	933	-6.1	26.4	23.1	On
EW-3013	1.1	5.2	1,475	-6.4	34.1	23.1	On
EW-3014	0.0	0.7	151	-4.0	39.5	9.3	Off
EW-3015	1.3	4.5	1,739	-6.3	45.4	23.1	On
EW-3016	0.9	2.6	1,231	-6.5	54.4	23.1	On
EW-3017	0.4	0.9	296	-6.7	55.7	15.8	On
EW-3018	0.0	1.3	81	-7.5	55.7	2.0	Off
EW-3019	1.0	3.6	1,374	-3.2	56.5	23.1	On
EW-3020	3.9	6.6	5,440	-2.2	38.5	23.1	On
EW-3021	0.0	0.7	275	1.0	21.6	14.6	On
EW-3022	0.7	5.5	934	-2.6	28.6	23.1	On
EW-3023	1.6	5.3	2,298	0.5	24.0	23.1	On
EW-3024	0.5	0.6	603	0.8	---	23.1	On
EW-3025	2.1	3.0	2,920	-1.3	30.7	23.1	On
EW-3026	2.5	4.3	3,515	-2.9	31.3	23.1	On
EW-3027	0.0	0.7	39	0.3	---	1.3	Off
EW-4001	3.2	3.3	2,943	-1.1	24.6	15.7	On
EW-4002	2.2	6.9	2,234	-47.0	13.7	15.7	On
EW-4003	3.8	7.4	3,709	-56.1	---	15.7	On
EW-4004	1.5	1.8	1,486	-7.3	15.6	15.7	On
EW-4005	3.8	6.8	3,781	-45.1	---	15.7	On
EW-4006	1.4	6.2	1,481	-51.1	25.8	15.7	On
EW-4007	1.1	1.1	976	-3.8	29.7	15.7	On
EW-4008	2.9	3.4	2,846	-10.8	25.2	15.7	On
EW-4009	0.8	0.9	725	-17.5	35.0	15.7	On
EW-4010	2.4	2.8	2,232	1.2	38.1	15.8	On
EW-4011	2.0	2.4	1,923	-17.6	37.4	15.7	On
EW-5001	1.9	2.0	1,773	-19.4	---	15.7	On
EW-5002	0.0	0.0	0	5.7	20.9	0.0	Off
EW Totals	**146.0**		**189,242**				

	Value	Total (KGal)	Peak Flow
FIT-100	144 GPM	187.6	184 GPM
FIT-500	200 GPM	198.0	232 GPM
Effluent Temp	97.7 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

November 21, 2015 12AM to November 22, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 21, 2015 12AM to November 22, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,042.0 µS
Outlet Conductivity	CIT-642	625.0 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.9
Recharge Tank Temp	TIT-660C	77.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 22, 2015 12AM to November 23, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.0	2,629	1.5	38.7	23.9	On
EW-2002	0.8	4.8	1,072	6.0	38.1	23.9	On
EW-2003	1.2	4.6	1,660	5.6	35.6	23.9	On
EW-2004	0.6	4.1	789	6.9	30.6	23.8	On
EW-2005	0.5	2.0	651	7.4	28.5	23.9	On
EW-2006	1.2	3.7	1,766	5.5	25.6	23.8	On
EW-2007	1.9	4.9	2,648	7.6	22.0	23.9	On
EW-2008	0.8	3.9	1,060	3.0	21.7	23.9	On
EW-2009	1.2	4.3	1,683	3.2	21.9	23.9	On
EW-2010	0.0	0.6	293	5.6	21.0	16.5	Off
EW-2011	0.0	0.6	337	8.4	19.3	17.7	Off
EW-2012	0.0	0.6	188	12.9	13.4	10.6	Off
EW-2013	0.4	0.6	337	18.1	13.4	16.7	On
EW-2014	1.2	4.8	1,654	13.2	14.4	23.9	On
EW-2015	0.6	2.4	644	12.8	12.5	23.9	On
EW-2016	0.7	0.7	802	10.6	---	22.5	On
EW-2017	1.4	4.3	1,938	12.7	---	23.9	On
EW-2018	0.9	3.4	945	11.1	---	23.9	On
EW-2019	0.0	0.3	219	12.7	---	12.6	Off
EW-2020	0.0	0.5	360	11.5	---	18.2	Off
EW-2021	0.0	0.4	306	14.0	---	16.5	On
EW-2022	0.5	0.6	546	11.9	---	22.9	On
EW-2023	0.5	0.5	593	11.3	---	23.9	On
EW-2024	0.5	0.5	362	10.7	---	18.0	On
EW-2025	1.0	4.1	1,275	11.1	---	23.9	On
EW-2026	0.9	3.9	1,091	9.6	---	23.9	On
EW-2027	1.0	4.1	1,165	9.5	---	23.9	On
EW-2028	1.0	4.1	1,153	9.0	---	23.9	On
EW-2029	1.1	4.5	1,360	7.6	---	23.9	On
EW-2030	1.5	6.9	2,081	10.5	---	23.9	On
EW-2031	1.5	7.2	2,122	11.4	---	23.9	On
EW-2032	0.7	2.6	758	9.1	---	23.9	On
EW-2033	0.7	2.7	790	9.6	---	23.9	On
EW-2034	0.7	3.1	958	9.1	24.2	23.9	On
EW-2035	1.2	1.8	1,734	6.6	20.3	23.9	On
EW-2036	0.6	2.9	905	13.3	23.8	23.9	On
EW-2037	1.0	6.2	1,421	4.1	26.2	23.9	On
EW-2101	14.9	16.3	22,039	15.7	55.4	23.9	On
EW-2102	16.5	17.6	23,575	14.8	61.7	23.9	On
EW-2103	0.0	0.0	0	20.9	24.0	0.0	Off
EW-2104	33.1	33.2	47,302	13.7	37.0	23.9	On
EW-3001	0.0	0.0	0	1.6	13.2	0.0	Off
EW-3002	0.0	0.5	3	2.5	12.0	0.1	Off
EW-3003	0.0	0.0	0	3.8	12.0	0.0	Off

Daily Log

November 22, 2015 12AM to November 23, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	1.5	1.5	2,129	-2.2	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	5.5	2,198	-3.5	---	23.9	On
EW-3008	0.9	1.0	1,319	0.6	---	23.9	On
EW-3009	3.7	6.9	5,201	-1.9	---	23.9	On
EW-3010	1.1	5.7	1,524	-1.9	---	23.9	On
EW-3011	0.5	1.1	659	0.0	22.8	22.4	On
EW-3012	0.7	5.3	928	-6.0	26.1	23.9	On
EW-3013	1.1	5.0	1,490	-6.4	33.7	23.9	On
EW-3014	0.0	1.4	147	-3.6	39.0	9.3	Off
EW-3015	1.3	4.7	1,758	-6.3	44.9	23.8	On
EW-3016	0.9	2.4	1,247	-6.6	53.2	23.9	On
EW-3017	0.0	1.4	293	-5.0	54.2	15.8	On
EW-3018	0.0	0.9	111	-5.1	54.1	2.8	Off
EW-3019	0.9	3.2	1,395	-3.0	54.8	23.9	On
EW-3020	3.9	6.6	5,515	-2.1	38.4	23.9	On
EW-3021	0.3	0.7	246	0.5	21.6	14.0	On
EW-3022	0.6	4.6	903	-2.3	28.3	23.9	On
EW-3023	1.6	5.2	2,290	0.5	23.9	23.9	On
EW-3024	0.5	0.6	635	1.0	---	23.8	On
EW-3025	2.0	2.6	2,881	-1.3	30.4	23.9	On
EW-3026	2.5	4.3	3,524	-2.8	31.0	23.9	On
EW-3027	0.0	0.6	5	0.2	---	0.2	Off
EW-4001	3.2	3.6	4,236	-1.8	24.6	23.9	On
EW-4002	2.3	6.3	3,174	-46.9	13.8	23.9	On
EW-4003	3.8	6.7	5,375	-55.9	---	23.9	On
EW-4004	1.7	1.9	2,372	-8.8	15.6	23.9	On
EW-4005	3.8	6.4	5,412	-44.9	---	23.9	On
EW-4006	1.4	5.0	2,042	-51.0	25.7	23.9	On
EW-4007	1.0	1.2	1,424	-4.3	29.5	23.9	On
EW-4008	2.9	3.6	4,238	-11.5	25.1	23.9	On
EW-4009	0.8	1.6	1,148	-19.9	34.7	23.9	On
EW-4010	2.4	2.7	3,054	0.5	38.2	23.9	On
EW-4011	2.0	2.4	2,979	-18.4	37.4	23.9	On
EW-5001	1.9	2.2	2,742	-20.2	---	23.9	On
EW-5002	0.0	0.0	0	5.4	20.8	0.0	Off
EW Totals	**146.6**		**207,807**				

	Value	Total (KGal)	Peak Flow
FIT-100	146 GPM	207.1	183 GPM
FIT-500	197 GPM	206.2	231 GPM
Effluent Temp	97.7 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

November 22, 2015 12AM to November 23, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 22, 2015 12AM to November 23, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,043.7 µS
Outlet Conductivity	CIT-642	627.9 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.0
Recharge Tank Temp	TIT-660C	76.7 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 23, 2015 12AM to November 24, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.9	1,995	1.4	39.7	17.8	On
EW-2002	0.8	4.9	830	6.0	39.2	17.8	On
EW-2003	1.2	4.9	1,269	5.4	36.6	17.8	On
EW-2004	0.6	4.3	609	6.8	31.5	17.8	On
EW-2005	0.5	2.7	494	7.1	29.4	17.8	On
EW-2006	1.2	3.9	1,342	5.4	26.3	17.7	On
EW-2007	1.9	4.6	1,999	7.5	22.7	17.8	On
EW-2008	0.7	4.2	806	3.2	23.0	17.8	On
EW-2009	1.2	4.4	1,264	3.4	23.2	17.8	On
EW-2010	0.3	0.6	225	6.1	22.3	12.3	On
EW-2011	0.3	0.6	257	9.1	20.7	13.3	On
EW-2012	0.3	0.5	113	12.9	14.1	6.4	On
EW-2013	0.3	0.6	259	17.2	14.1	12.3	On
EW-2014	1.2	5.5	1,246	13.0	14.5	17.8	On
EW-2015	0.5	7.9	516	11.8	12.6	17.9	On
EW-2016	0.6	0.7	601	10.9	---	16.8	On
EW-2017	1.4	4.3	1,502	12.5	---	17.9	On
EW-2018	0.7	7.8	727	11.1	---	17.9	On
EW-2019	0.3	0.3	172	12.8	---	9.9	On
EW-2020	0.3	0.5	275	11.6	---	13.5	On
EW-2021	0.3	0.4	237	13.6	---	12.7	On
EW-2022	0.4	0.6	408	11.2	---	17.1	On
EW-2023	0.4	0.5	433	11.3	---	17.9	On
EW-2024	0.3	0.5	283	10.3	---	13.5	On
EW-2025	0.9	7.4	978	10.9	---	17.8	On
EW-2026	0.8	7.6	835	9.5	---	17.9	On
EW-2027	0.8	7.5	893	9.4	---	17.9	On
EW-2028	0.8	7.5	880	8.9	---	17.9	On
EW-2029	1.0	7.6	1,037	7.5	---	17.9	On
EW-2030	1.5	7.5	1,580	10.2	---	17.9	On
EW-2031	1.6	7.8	1,638	11.1	---	17.9	On
EW-2032	0.5	7.2	581	9.0	---	17.9	On
EW-2033	0.5	3.9	607	9.5	---	17.9	On
EW-2034	0.7	3.5	727	8.8	25.8	17.9	On
EW-2035	1.2	1.9	1,295	6.4	20.8	17.9	On
EW-2036	0.7	3.0	701	13.0	23.6	17.8	On
EW-2037	1.0	6.5	1,076	3.9	26.4	17.8	On
EW-2101	17.4	23.7	17,147	15.5	62.9	17.7	On
EW-2102	16.4	19.9	17,211	15.2	68.0	17.6	On
EW-2103	0.0	0.0	0	20.9	24.0	0.0	Off
EW-2104	33.1	33.2	35,324	13.9	37.2	17.8	On
EW-3001	0.0	0.6	27	2.0	13.8	1.3	Off
EW-3002	0.3	0.5	178	2.2	12.5	7.2	On
EW-3003	0.0	0.5	26	3.8	12.4	1.3	Off

Daily Log

November 23, 2015 12AM to November 24, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	50	1.3	---	3.0	Off
EW-3005	1.4	1.5	1,524	-1.5	---	17.6	On
EW-3006	0.0	0.6	28	0.4	---	1.2	Off
EW-3007	1.8	6.1	1,900	-3.7	---	17.6	On
EW-3008	0.9	1.5	980	0.6	---	17.6	On
EW-3009	2.5	3.7	3,270	-0.8	---	17.6	On
EW-3010	1.3	6.1	1,405	-2.2	---	17.6	On
EW-3011	0.6	0.9	505	-0.2	24.5	16.5	On
EW-3012	0.7	5.8	724	-6.2	28.3	17.6	On
EW-3013	1.0	5.2	1,140	-6.5	37.0	17.6	On
EW-3014	0.0	0.7	128	-4.2	43.3	7.7	Off
EW-3015	1.3	4.4	1,347	-6.3	50.2	17.6	On
EW-3016	0.9	2.3	957	-6.7	59.8	17.6	On
EW-3017	0.0	1.3	237	-6.0	61.3	12.4	Off
EW-3018	0.0	1.0	106	-7.0	61.0	2.6	Off
EW-3019	1.0	3.0	1,057	-3.2	61.8	17.6	On
EW-3020	3.9	6.7	4,147	-2.1	39.5	17.6	On
EW-3021	0.3	0.5	252	0.3	22.3	12.3	On
EW-3022	0.7	5.5	805	-2.5	30.0	17.6	On
EW-3023	1.7	5.5	1,885	0.4	25.6	17.6	On
EW-3024	0.5	0.5	447	1.2	---	17.6	On
EW-3025	2.2	2.7	2,299	-1.3	32.2	17.6	On
EW-3026	2.6	4.4	2,808	-2.9	33.0	17.6	On
EW-3027	0.5	0.6	204	0.3	---	7.7	On
EW-4001	3.0	3.4	3,240	-1.0	24.4	17.5	On
EW-4002	2.2	6.9	2,411	-46.9	14.2	17.5	On
EW-4003	3.9	7.5	4,104	-56.1	---	17.5	On
EW-4004	1.5	2.0	1,656	-7.0	16.1	17.5	On
EW-4005	3.7	6.9	4,004	-44.9	---	17.5	On
EW-4006	1.4	6.0	1,570	-51.1	27.0	17.5	On
EW-4007	1.1	1.4	1,103	-3.6	31.1	17.5	On
EW-4008	2.9	3.6	3,033	-11.1	25.2	17.5	On
EW-4009	0.8	1.5	824	-18.0	37.9	17.5	On
EW-4010	2.4	2.8	2,496	1.2	38.4	17.5	On
EW-4011	2.0	2.2	2,138	-17.5	37.5	17.5	On
EW-5001	1.9	2.1	1,983	-19.3	---	17.5	On
EW-5002	0.0	0.0	0	5.7	21.3	0.0	Off
EW Totals	**149.3**		**157,371**				

	Value	Total (KGal)	Peak Flow
FIT-100	149 GPM	157.4	183 GPM
FIT-500	207 GPM	163.9	231 GPM
Effluent Temp	98.3 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 23, 2015 12AM to November 24, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 23, 2015 12AM to November 24, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,043.4 µS
Outlet Conductivity	CIT-642	624.7 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.9
Recharge Tank Temp	TIT-660C	77.8 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 24, 2015 12AM to November 25, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.9	2,665	1.5	39.8	24.0	On
EW-2002	0.8	3.3	1,086	6.1	39.4	24.0	On
EW-2003	1.2	4.1	1,670	5.4	36.8	24.0	On
EW-2004	0.6	2.5	804	6.9	31.7	24.0	On
EW-2005	0.4	2.3	648	7.2	29.5	24.0	On
EW-2006	1.2	3.2	1,775	5.4	26.5	24.0	On
EW-2007	1.8	4.6	2,664	7.5	22.9	24.0	On
EW-2008	0.7	2.9	1,056	3.2	23.2	24.0	On
EW-2009	1.2	2.7	1,677	3.4	23.5	24.0	On
EW-2010	0.3	0.5	288	6.4	22.6	16.2	On
EW-2011	0.3	0.5	335	9.3	20.9	17.6	On
EW-2012	0.0	0.3	117	11.7	13.7	6.9	Off
EW-2013	0.5	0.5	341	17.3	13.8	16.1	On
EW-2014	1.2	3.5	1,661	13.1	14.8	24.0	On
EW-2015	0.5	2.0	719	11.7	12.9	24.0	On
EW-2016	0.7	1.0	802	10.8	---	22.5	On
EW-2017	1.4	4.0	1,985	12.6	---	24.0	On
EW-2018	0.7	2.5	959	10.9	---	24.0	On
EW-2019	0.3	0.3	220	11.9	---	12.7	On
EW-2020	0.4	0.8	363	10.6	---	18.1	On
EW-2021	0.3	0.6	309	13.6	---	16.6	On
EW-2022	0.5	1.0	540	12.0	---	22.0	On
EW-2023	0.4	0.8	592	11.5	---	24.0	On
EW-2024	0.4	0.9	370	9.6	---	18.0	On
EW-2025	0.9	3.1	1,295	10.8	---	24.0	On
EW-2026	0.8	2.8	1,099	9.4	---	24.0	On
EW-2027	0.8	2.9	1,177	9.3	---	24.0	On
EW-2028	0.8	3.0	1,152	8.8	---	24.0	On
EW-2029	0.9	3.5	1,369	7.4	---	24.0	On
EW-2030	1.5	4.4	2,095	10.4	---	24.0	On
EW-2031	1.6	4.7	2,232	11.3	---	24.0	On
EW-2032	0.5	1.6	763	8.9	---	24.0	On
EW-2033	0.5	2.2	791	9.3	---	24.0	On
EW-2034	0.7	2.3	956	9.1	26.0	24.0	On
EW-2035	1.2	1.7	1,732	6.4	21.1	24.0	On
EW-2036	0.6	2.4	938	13.1	24.1	24.0	On
EW-2037	1.0	3.9	1,410	4.0	26.7	24.0	On
EW-2101	17.2	18.5	24,722	15.4	63.4	24.0	On
EW-2102	16.1	17.0	23,054	14.8	68.3	24.0	On
EW-2103	0.0	0.0	0	20.9	24.3	0.0	Off
EW-2104	33.1	33.6	47,495	13.7	37.5	24.0	On
EW-3001	0.0	0.0	0	1.6	13.6	0.0	Off
EW-3002	0.0	0.5	217	2.2	12.4	11.0	Off
EW-3003	0.0	0.0	0	3.8	12.4	0.0	Off

Daily Log

November 24, 2015 12AM to November 25, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	1.4	1.4	1,989	-1.6	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.8	5.4	2,517	-3.6	---	23.9	On
EW-3008	1.0	1.2	1,346	0.6	---	23.9	On
EW-3009	2.6	2.8	3,568	-0.9	---	23.9	On
EW-3010	1.3	4.9	1,809	-2.1	---	23.9	On
EW-3011	0.5	0.8	741	0.1	24.6	23.6	On
EW-3012	0.7	3.6	931	-5.9	28.7	23.9	On
EW-3013	1.1	4.8	1,485	-6.3	37.4	23.9	On
EW-3014	0.0	0.5	152	-4.3	43.7	9.6	Off
EW-3015	1.2	4.1	1,767	-6.0	50.7	23.9	On
EW-3016	0.9	2.2	1,253	-6.5	60.2	23.9	On
EW-3017	0.3	0.5	294	-7.4	61.8	15.7	On
EW-3018	0.0	0.9	115	-6.0	61.6	2.9	Off
EW-3019	1.0	2.8	1,403	-2.9	62.4	23.9	On
EW-3020	3.9	6.0	5,551	-2.2	39.6	23.9	On
EW-3021	0.3	0.6	321	0.8	22.3	17.2	On
EW-3022	0.7	3.4	1,025	-2.5	29.4	23.9	On
EW-3023	1.7	5.1	2,381	0.6	26.0	23.9	On
EW-3024	0.5	0.8	645	1.1	---	23.9	On
EW-3025	2.1	2.6	3,108	-1.3	31.5	23.9	On
EW-3026	2.5	4.3	3,651	-2.9	32.2	23.9	On
EW-3027	0.0	0.5	382	0.6	---	14.8	Off
EW-4001	3.2	3.3	4,333	-2.0	24.9	23.9	On
EW-4002	2.2	6.2	3,193	-47.2	13.9	23.9	On
EW-4003	3.8	6.6	5,504	-55.9	---	23.9	On
EW-4004	1.7	2.0	2,197	-9.1	16.4	23.9	On
EW-4005	3.6	6.2	5,143	-45.0	---	23.9	On
EW-4006	1.4	4.8	2,084	-51.1	26.6	23.9	On
EW-4007	1.0	1.2	1,501	-4.5	30.6	23.9	On
EW-4008	2.9	3.3	4,151	-11.7	25.5	23.9	On
EW-4009	0.8	1.0	1,155	-20.3	38.3	23.9	On
EW-4010	2.4	2.7	3,393	0.5	38.9	23.9	On
EW-4011	2.0	2.2	2,929	-18.4	38.1	23.9	On
EW-5001	1.9	2.4	2,730	-22.1	---	23.9	On
EW-5002	0.0	0.0	0	5.3	21.6	0.0	Off
EW Totals	**148.2**		**210,890**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	210.9	183 GPM
FIT-500	9 GPM	208.9	231 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

November 24, 2015 12AM to November 25, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 24, 2015 12AM to November 25, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,046.0 µS
Outlet Conductivity	CIT-642	635.7 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.0
Recharge Tank Temp	TIT-660C	79.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 25, 2015 12AM to November 26, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.1	2,643	1.4	40.0	24.0	On
EW-2002	0.7	1.0	1,075	6.0	39.5	24.0	On
EW-2003	1.1	1.3	1,651	5.6	37.0	24.0	On
EW-2004	0.5	0.7	792	6.9	32.1	24.0	On
EW-2005	0.4	0.5	640	7.3	30.0	24.0	On
EW-2006	1.2	1.3	1,741	5.7	27.0	24.0	On
EW-2007	1.8	1.9	2,631	7.6	23.5	24.0	On
EW-2008	0.8	0.8	1,052	3.2	23.7	24.0	On
EW-2009	1.2	1.2	1,663	3.4	23.9	24.0	On
EW-2010	0.0	0.3	288	5.2	23.0	16.1	Off
EW-2011	0.4	0.4	336	8.4	21.4	17.5	On
EW-2012	0.0	0.3	114	11.5	14.7	6.8	Off
EW-2013	0.3	0.5	335	18.4	14.8	15.9	On
EW-2014	1.1	1.2	1,647	13.2	15.8	24.0	On
EW-2015	0.5	0.7	708	12.1	13.9	24.0	On
EW-2016	0.5	0.7	805	10.9	---	22.5	On
EW-2017	1.3	1.4	1,945	12.8	---	24.0	On
EW-2018	0.7	0.9	957	11.3	---	24.0	On
EW-2019	0.0	0.3	217	12.8	---	12.5	Off
EW-2020	0.3	0.4	361	10.7	---	17.8	On
EW-2021	0.3	0.3	309	12.0	---	16.6	On
EW-2022	0.3	0.6	526	13.0	---	22.0	On
EW-2023	0.3	0.5	582	11.2	---	24.0	On
EW-2024	0.3	0.5	366	10.3	---	17.6	On
EW-2025	0.9	1.1	1,280	11.2	---	24.0	On
EW-2026	0.7	0.9	1,086	9.8	---	24.0	On
EW-2027	0.8	1.0	1,168	9.7	---	24.0	On
EW-2028	0.8	1.0	1,144	9.2	---	24.0	On
EW-2029	0.9	1.1	1,360	7.8	---	24.0	On
EW-2030	1.4	1.6	2,080	10.6	---	24.0	On
EW-2031	1.4	1.6	2,207	11.5	---	24.0	On
EW-2032	0.5	0.8	757	9.3	---	24.0	On
EW-2033	0.5	0.7	786	9.7	---	24.0	On
EW-2034	0.6	0.7	946	8.9	26.1	24.0	On
EW-2035	1.2	1.2	1,712	6.6	21.7	24.0	On
EW-2036	0.6	0.7	912	13.2	24.8	24.0	On
EW-2037	0.9	1.1	1,395	4.1	27.2	24.0	On
EW-2101	16.9	17.4	24,532	15.3	63.3	24.0	On
EW-2102	15.6	16.1	22,691	14.8	68.4	24.0	On
EW-2103	0.0	0.0	0	20.9	25.3	0.0	Off
EW-2104	32.9	33.2	47,528	13.7	38.4	24.0	On
EW-3001	0.0	0.0	0	1.6	14.5	0.0	Off
EW-3002	0.0	0.4	33	2.6	13.4	1.7	Off
EW-3003	0.0	0.0	0	3.8	13.5	0.0	Off

Daily Log

November 25, 2015 12AM to November 26, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	1.3	1.4	1,957	-1.7	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.7	1.8	2,513	-3.4	---	24.0	On
EW-3008	0.9	1.0	1,346	0.6	---	24.0	On
EW-3009	2.4	2.6	3,638	-0.9	---	24.0	On
EW-3010	1.1	1.3	1,751	-1.9	---	24.0	On
EW-3011	0.0	0.6	721	1.1	24.8	23.5	On
EW-3012	0.6	0.8	926	-6.0	29.2	24.0	On
EW-3013	1.0	1.2	1,475	-6.3	37.9	24.0	On
EW-3014	0.0	0.4	148	-3.5	44.2	9.4	On
EW-3015	1.2	1.4	1,759	-6.1	51.1	24.0	On
EW-3016	0.8	1.0	1,248	-6.5	60.3	24.0	On
EW-3017	0.3	0.5	287	-5.4	62.0	15.5	On
EW-3018	0.0	0.9	114	-5.9	61.9	2.9	Off
EW-3019	0.9	1.2	1,397	-2.8	62.6	24.0	On
EW-3020	3.8	3.9	5,517	-2.1	39.8	24.0	On
EW-3021	0.3	0.4	314	-0.2	23.0	17.0	On
EW-3022	0.6	0.8	1,001	-2.2	29.7	24.0	On
EW-3023	1.6	1.7	2,365	0.6	26.4	24.0	On
EW-3024	0.4	0.5	633	1.2	---	24.0	On
EW-3025	2.1	2.2	3,082	-1.3	31.7	24.0	On
EW-3026	2.5	2.5	3,614	-2.8	32.4	24.0	On
EW-3027	0.0	0.0	0	0.5	---	0.0	Off
EW-4001	3.1	3.2	4,534	-2.2	25.6	24.0	On
EW-4002	2.2	2.4	3,160	-46.8	15.0	24.0	On
EW-4003	3.7	3.9	5,435	-55.9	---	24.0	On
EW-4004	1.5	1.7	2,327	-9.0	17.3	24.0	On
EW-4005	3.5	3.7	5,138	-44.8	---	24.0	On
EW-4006	1.4	1.5	2,050	-50.9	27.0	24.0	On
EW-4007	1.0	1.1	1,486	-4.6	30.8	24.0	On
EW-4008	2.8	2.9	4,130	-12.0	26.5	24.0	On
EW-4009	0.8	0.9	1,161	-21.3	38.8	24.0	On
EW-4010	2.3	2.4	3,415	0.2	39.3	24.0	On
EW-4011	2.0	2.1	2,931	-18.9	38.5	24.0	On
EW-5001	1.8	2.0	2,732	-22.7	---	24.0	On
EW-5002	0.0	0.0	0	5.2	22.3	0.0	Off
EW Totals	**142.2**		**209,303**				

	Value	Total (KGal)	Peak Flow
FIT-100	142 GPM	209.3	151 GPM
FIT-500	0 GPM	197.2	268 GPM
Effluent Temp	99.0 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

November 25, 2015 12AM to November 26, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	26 GPM	0.0
RC-7003	FIT-665	28 GPM	20.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 25, 2015 12AM to November 26, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	7 GPM	30.1
Permeate Flow	FIT-642	0 GPM	22.0
Concentrate Flow	FIT-643	8 GPM	7.6

Inlet Conductivity	CIT-630	1,085.4 µS
Outlet Conductivity	CIT-642	183.8 µS
Hours Run		5.1 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	99.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 26, 2015 12AM to November 27, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.0	2,629	1.5	39.3	24.0	On
EW-2002	0.8	1.0	1,068	6.0	38.8	24.0	On
EW-2003	1.1	1.2	1,628	5.6	36.3	24.0	On
EW-2004	0.6	0.7	787	6.9	31.1	24.0	On
EW-2005	0.5	0.5	639	7.2	29.0	24.0	On
EW-2006	1.2	1.2	1,712	5.6	26.0	24.0	On
EW-2007	1.8	1.9	2,618	7.5	22.3	24.0	On
EW-2008	0.7	0.9	1,045	3.0	21.8	24.0	On
EW-2009	1.2	1.2	1,663	3.2	22.0	24.0	On
EW-2010	0.0	0.4	284	6.2	21.2	16.0	Off
EW-2011	0.0	0.4	333	9.0	19.5	17.5	Off
EW-2012	0.0	0.5	129	13.0	12.9	7.4	Off
EW-2013	0.0	0.5	332	18.2	12.9	15.9	Off
EW-2014	1.2	1.6	1,643	13.0	14.2	24.0	On
EW-2015	0.5	1.0	706	11.7	12.4	24.0	On
EW-2016	0.7	0.8	798	10.3	---	22.5	On
EW-2017	1.3	1.4	1,928	12.7	---	24.0	On
EW-2018	0.7	0.9	960	10.9	---	24.0	On
EW-2019	0.3	0.4	215	12.9	---	12.5	On
EW-2020	0.4	0.5	357	10.8	---	17.6	On
EW-2021	0.3	0.3	303	13.5	---	16.3	On
EW-2022	0.4	0.6	521	11.4	---	21.6	On
EW-2023	0.5	0.6	623	11.2	---	24.0	On
EW-2024	0.0	0.5	361	10.0	---	18.0	Off
EW-2025	0.9	1.1	1,275	10.8	---	24.0	On
EW-2026	0.8	0.9	1,082	9.4	---	24.0	On
EW-2027	0.8	1.0	1,166	9.3	---	24.0	On
EW-2028	0.8	1.0	1,144	8.8	---	24.0	On
EW-2029	0.9	1.1	1,357	7.4	---	24.0	On
EW-2030	1.5	1.6	2,074	10.3	---	24.0	On
EW-2031	1.5	1.7	2,194	11.2	---	24.0	On
EW-2032	0.5	0.8	756	8.9	---	24.0	On
EW-2033	0.5	0.7	783	9.3	---	24.0	On
EW-2034	0.6	0.7	942	9.1	25.7	24.0	On
EW-2035	1.2	1.2	1,712	6.4	20.7	24.0	On
EW-2036	0.6	1.0	893	13.1	23.3	24.0	On
EW-2037	1.0	1.7	1,393	4.0	25.7	24.0	On
EW-2101	16.8	17.1	24,311	15.3	63.2	24.0	On
EW-2102	15.4	15.8	22,465	14.6	67.7	24.0	On
EW-2103	0.0	0.0	0	21.0	24.0	0.0	Off
EW-2104	33.1	33.2	47,555	13.7	37.2	24.0	On
EW-3001	0.0	0.0	0	1.5	12.7	0.0	Off
EW-3002	0.0	0.0	0	2.5	11.7	0.0	Off
EW-3003	0.0	0.0	0	3.8	11.8	0.0	Off

Daily Log

November 26, 2015 12AM to November 27, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	1.4	1.4	1,972	-1.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.8	1.9	2,515	-3.7	---	24.0	On
EW-3008	1.0	1.0	1,358	0.6	---	24.0	On
EW-3009	2.6	2.6	3,638	-1.0	---	24.0	On
EW-3010	1.2	1.4	1,707	-2.1	---	24.0	On
EW-3011	0.5	0.6	691	0.0	24.3	22.9	On
EW-3012	0.7	0.8	922	-6.2	28.5	24.0	On
EW-3013	1.0	1.2	1,469	-6.2	37.5	24.0	On
EW-3014	0.3	0.4	148	-4.0	43.9	9.4	On
EW-3015	1.2	1.4	1,755	-5.9	50.7	24.0	On
EW-3016	0.9	1.0	1,245	-6.3	60.0	24.0	On
EW-3017	0.3	0.5	290	-6.8	61.7	15.7	On
EW-3018	0.0	0.9	113	-5.6	61.6	2.9	Off
EW-3019	0.9	1.2	1,392	-2.9	62.3	24.0	On
EW-3020	3.8	3.9	5,484	-2.1	39.1	24.0	On
EW-3021	0.0	0.4	292	0.5	21.2	16.0	Off
EW-3022	0.7	1.1	991	-2.5	28.2	24.0	On
EW-3023	1.6	1.7	2,373	0.5	25.7	24.0	On
EW-3024	0.5	0.6	644	0.8	---	24.0	On
EW-3025	2.1	2.3	2,973	-1.1	30.2	24.0	On
EW-3026	2.5	2.7	3,513	-2.7	30.8	24.0	On
EW-3027	0.0	0.0	0	0.4	---	0.0	Off
EW-4001	3.0	3.7	4,299	-2.3	24.0	24.0	On
EW-4002	2.2	2.4	3,140	-47.2	13.1	24.0	On
EW-4003	3.7	3.9	5,400	-56.0	---	24.0	On
EW-4004	1.7	1.7	2,334	-9.9	16.0	24.0	On
EW-4005	3.5	3.6	5,071	-45.0	---	24.0	On
EW-4006	1.4	1.9	2,024	-51.2	25.1	24.0	On
EW-4007	1.1	1.2	1,467	-5.1	29.4	24.0	On
EW-4008	3.1	3.7	4,429	-13.8	25.2	24.0	On
EW-4009	0.8	0.9	1,187	-21.6	38.5	24.0	On
EW-4010	2.1	2.5	3,010	0.2	36.9	24.0	On
EW-4011	2.1	2.4	3,042	-20.3	36.3	24.0	On
EW-5001	2.0	2.1	2,821	-24.3	---	24.0	On
EW-5002	0.0	0.0	0	5.0	21.2	0.0	Off
EW Totals	**144.5**		**208,091**				

	Value	Total (KGal)	Peak Flow
FIT-100	144 GPM	208.1	150 GPM
FIT-500	54 GPM	162.4	269 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

November 26, 2015 12AM to November 27, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	39.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 26, 2015 12AM to November 27, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	58.7
Permeate Flow	FIT-642	74 GPM	42.7
Concentrate Flow	FIT-643	22 GPM	14.8

Inlet Conductivity	CIT-630	1,075.0 µS
Outlet Conductivity	CIT-642	28.7 µS
Hours Run		9.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	99.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 27, 2015 12AM to November 28, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.4	2,611	1.5	39.1	23.9	On
EW-2002	0.7	4.5	1,063	6.2	38.7	23.9	On
EW-2003	1.1	4.1	1,613	5.6	36.2	23.9	On
EW-2004	0.5	3.5	776	6.8	31.2	23.8	On
EW-2005	0.4	2.2	633	7.1	29.1	23.9	On
EW-2006	1.2	3.5	1,688	5.4	26.1	23.9	On
EW-2007	1.8	4.6	2,602	7.5	22.5	23.9	On
EW-2008	0.7	3.8	1,037	3.2	22.9	23.9	On
EW-2009	1.2	2.6	1,656	3.4	23.1	23.9	On
EW-2010	0.3	0.7	283	6.5	22.3	15.8	On
EW-2011	0.3	0.7	332	9.3	20.6	17.2	On
EW-2012	0.3	0.5	140	11.3	13.8	8.0	On
EW-2013	0.4	0.5	326	17.5	13.8	16.0	On
EW-2014	1.1	4.8	1,624	13.2	14.4	23.9	On
EW-2015	0.5	2.9	700	11.7	12.2	23.9	On
EW-2016	0.7	0.8	794	10.7	---	22.2	On
EW-2017	1.3	4.2	1,904	12.8	---	23.9	On
EW-2018	0.8	3.6	953	10.9	---	23.9	On
EW-2019	0.3	0.4	216	12.1	---	12.5	On
EW-2020	0.4	0.6	357	10.6	---	17.7	On
EW-2021	0.3	0.5	301	13.1	---	16.1	On
EW-2022	0.5	0.8	520	11.6	---	22.1	On
EW-2023	0.4	0.6	605	11.2	---	23.9	On
EW-2024	0.4	0.7	359	10.4	---	17.1	On
EW-2025	1.0	4.4	1,264	10.8	---	23.9	On
EW-2026	0.9	4.1	1,074	9.4	---	23.9	On
EW-2027	0.8	4.5	1,158	9.3	---	23.9	On
EW-2028	0.9	4.4	1,137	8.8	---	23.9	On
EW-2029	1.0	4.9	1,349	7.4	---	23.9	On
EW-2030	1.5	7.0	2,057	10.4	---	23.9	On
EW-2031	1.5	7.4	2,170	11.4	---	23.9	On
EW-2032	0.5	2.7	751	8.9	---	23.9	On
EW-2033	0.6	2.9	780	9.4	---	23.9	On
EW-2034	0.6	2.8	935	9.0	25.7	23.9	On
EW-2035	1.2	1.7	1,712	6.4	20.8	23.9	On
EW-2036	0.6	2.7	882	13.2	23.6	23.9	On
EW-2037	1.0	5.6	1,382	4.1	26.4	23.9	On
EW-2101	16.8	18.3	24,089	15.3	63.0	23.9	On
EW-2102	15.5	16.8	22,220	14.6	67.4	23.9	On
EW-2103	0.0	0.0	0	21.0	24.2	0.0	Off
EW-2104	33.2	33.6	47,436	13.7	37.3	23.9	On
EW-3001	0.0	0.0	0	1.5	13.6	0.0	Off
EW-3002	0.0	0.4	6	2.4	12.3	0.3	Off
EW-3003	0.0	0.0	0	3.8	12.2	0.0	Off

Daily Log

November 27, 2015 12AM to November 28, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	1	1.3	---	0.1	Off
EW-3005	1.4	1.4	2,026	-2.3	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.7	5.4	2,437	-3.6	---	23.9	On
EW-3008	0.9	1.0	1,346	0.5	---	23.9	On
EW-3009	3.0	3.1	3,932	-1.5	---	23.9	On
EW-3010	1.1	5.8	1,588	-2.0	---	23.9	On
EW-3011	0.5	0.7	662	0.4	24.3	22.5	On
EW-3012	0.6	5.4	914	-5.8	28.5	23.9	On
EW-3013	0.9	4.9	1,463	-6.2	37.5	23.9	On
EW-3014	0.3	0.5	147	-3.8	43.7	9.3	On
EW-3015	1.1	4.2	1,753	-6.1	50.5	23.9	On
EW-3016	0.8	2.2	1,239	-6.6	59.7	23.9	On
EW-3017	0.3	0.5	284	-4.9	61.4	15.4	On
EW-3018	0.0	0.9	112	-5.1	61.2	2.8	Off
EW-3019	0.9	2.8	1,384	-3.1	62.0	23.9	On
EW-3020	3.8	6.3	5,458	-2.0	39.1	23.9	On
EW-3021	0.0	0.5	268	0.3	21.4	14.7	Off
EW-3022	0.7	5.2	954	-2.3	28.4	23.9	On
EW-3023	1.6	5.2	2,350	0.6	25.6	23.9	On
EW-3024	0.5	0.6	613	1.0	---	23.6	On
EW-3025	2.1	2.7	2,979	-1.3	30.5	23.9	On
EW-3026	2.5	4.6	3,541	-2.8	31.0	23.9	On
EW-3027	0.0	0.5	8	0.2	---	0.3	Off
EW-4001	3.1	3.2	4,336	-2.3	24.4	23.8	On
EW-4002	2.3	6.4	3,122	-47.0	13.9	23.8	On
EW-4003	3.8	6.9	5,377	-56.0	---	23.8	On
EW-4004	1.5	1.8	2,298	-8.6	16.2	23.8	On
EW-4005	3.6	6.5	5,075	-45.0	---	23.8	On
EW-4006	1.5	5.2	2,007	-51.1	25.7	23.8	On
EW-4007	1.1	1.2	1,501	-5.0	29.5	23.8	On
EW-4008	2.9	3.2	4,333	-12.6	25.3	23.8	On
EW-4009	0.8	0.9	1,160	-20.9	38.4	23.8	On
EW-4010	2.4	2.6	3,104	0.1	38.6	23.8	On
EW-4011	2.0	2.2	3,001	-19.2	37.9	23.8	On
EW-5001	1.9	2.3	2,796	-23.3	---	23.8	On
EW-5002	0.0	0.0	0	4.9	21.3	0.0	Off
EW Totals	**147.1**		**207,068**				

	Value	Total (KGal)	Peak Flow
FIT-100	147 GPM	206.8	169 GPM
FIT-500	0 GPM	171.2	271 GPM
Effluent Temp	98.3 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 27, 2015 12AM to November 28, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	41.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 27, 2015 12AM to November 28, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	59.8
Permeate Flow	FIT-642	0 GPM	43.6
Concentrate Flow	FIT-643	0 GPM	15.2

Inlet Conductivity	CIT-630	1,081.3 µS
Outlet Conductivity	CIT-642	171.0 µS
Hours Run		10.3 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	98.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 28, 2015 12AM to November 29, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.0	2,597	1.7	39.3	24.0	On
EW-2002	0.7	1.0	1,037	6.1	38.8	24.0	On
EW-2003	1.1	1.2	1,595	5.7	36.3	24.0	On
EW-2004	0.5	0.6	767	6.9	31.2	24.0	On
EW-2005	0.4	0.5	627	7.3	29.1	24.0	On
EW-2006	1.2	1.2	1,681	5.7	26.2	24.0	On
EW-2007	1.8	1.8	2,596	7.6	22.6	24.0	On
EW-2008	0.7	0.8	1,033	3.2	23.1	24.0	On
EW-2009	1.2	1.2	1,647	3.4	23.3	24.0	On
EW-2010	0.3	0.4	284	5.3	22.5	15.9	On
EW-2011	0.3	0.4	332	8.4	20.8	17.3	On
EW-2012	0.0	0.4	130	11.2	13.5	7.5	Off
EW-2013	0.5	0.5	323	17.2	13.6	15.7	On
EW-2014	1.1	1.2	1,621	13.2	14.4	24.0	On
EW-2015	0.7	0.7	698	11.9	12.6	24.0	On
EW-2016	0.7	0.7	790	10.8	---	22.2	On
EW-2017	1.3	1.3	1,897	12.8	---	24.0	On
EW-2018	0.8	0.9	948	11.1	---	24.0	On
EW-2019	0.3	0.3	215	11.9	---	12.5	On
EW-2020	0.4	0.4	356	10.6	---	17.9	On
EW-2021	0.3	0.3	300	13.0	---	16.1	On
EW-2022	0.5	0.6	515	12.6	---	21.7	On
EW-2023	0.4	0.5	595	11.2	---	24.0	On
EW-2024	0.5	0.5	358	10.1	---	17.2	On
EW-2025	1.0	1.0	1,260	11.0	---	24.0	On
EW-2026	0.9	0.9	1,067	9.6	---	24.0	On
EW-2027	1.0	1.0	1,153	9.5	---	24.0	On
EW-2028	1.0	1.0	1,135	9.0	---	24.0	On
EW-2029	1.1	1.1	1,348	7.6	---	24.0	On
EW-2030	1.5	1.5	2,051	10.5	---	24.0	On
EW-2031	1.5	1.6	2,161	11.4	---	24.0	On
EW-2032	0.7	0.7	748	9.1	---	24.0	On
EW-2033	0.7	0.8	779	9.6	---	24.0	On
EW-2034	0.6	0.7	930	9.1	25.8	24.0	On
EW-2035	1.2	1.2	1,705	6.5	20.8	24.0	On
EW-2036	0.6	0.6	868	13.3	23.6	24.0	On
EW-2037	1.0	1.0	1,379	4.2	26.3	24.0	On
EW-2101	16.6	17.0	23,955	15.2	62.4	24.0	On
EW-2102	15.3	15.7	22,085	14.7	66.9	24.0	On
EW-2103	0.0	0.0	0	21.0	24.1	0.0	Off
EW-2104	33.1	33.2	47,574	13.7	37.2	24.0	On
EW-3001	0.0	0.0	0	1.5	13.3	0.0	Off
EW-3002	0.0	0.0	0	2.4	12.1	0.0	Off
EW-3003	0.0	0.0	0	3.8	12.1	0.0	Off

Daily Log

November 28, 2015 12AM to November 29, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	1.4	1.4	2,007	-2.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.6	1.7	2,345	-3.5	---	24.0	On
EW-3008	0.9	1.0	1,335	0.5	---	24.0	On
EW-3009	3.0	3.0	4,339	-1.5	---	24.0	On
EW-3010	1.1	1.1	1,511	-1.9	---	24.0	On
EW-3011	0.5	0.6	637	0.0	24.4	22.0	On
EW-3012	0.7	0.8	912	-5.9	28.6	24.0	On
EW-3013	1.1	1.2	1,462	-6.4	37.5	24.0	On
EW-3014	0.0	0.4	147	-4.2	43.5	9.4	Off
EW-3015	1.2	1.4	1,750	-6.1	50.3	24.0	On
EW-3016	0.9	1.0	1,238	-6.6	59.4	24.0	On
EW-3017	0.0	0.5	285	-5.0	61.1	15.4	On
EW-3018	0.0	0.9	116	-6.8	60.7	2.9	Off
EW-3019	0.9	1.2	1,377	-2.9	61.6	24.0	On
EW-3020	3.8	3.9	5,478	-2.1	39.1	24.0	On
EW-3021	0.0	0.4	238	0.6	21.3	13.4	Off
EW-3022	0.7	0.7	918	-2.4	28.1	24.0	On
EW-3023	1.6	1.7	2,324	0.6	25.7	24.0	On
EW-3024	0.5	0.5	584	1.0	---	23.3	On
EW-3025	2.1	2.1	2,963	-1.3	30.2	24.0	On
EW-3026	2.5	2.5	3,569	-2.9	30.8	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	3.1	3.1	4,432	-2.3	24.4	24.0	On
EW-4002	2.3	2.4	3,115	-47.1	13.7	24.0	On
EW-4003	3.7	3.9	5,414	-56.0	---	24.0	On
EW-4004	1.5	1.6	2,186	-8.5	16.2	24.0	On
EW-4005	3.6	3.7	5,182	-44.9	---	24.0	On
EW-4006	1.4	1.5	1,993	-51.0	25.5	24.0	On
EW-4007	1.1	1.1	1,520	-5.1	29.3	24.0	On
EW-4008	2.9	2.9	4,137	-12.7	25.3	24.0	On
EW-4009	0.8	0.9	1,165	-21.1	38.5	24.0	On
EW-4010	2.4	2.4	3,431	0.1	38.6	24.0	On
EW-4011	2.0	2.1	2,930	-19.4	37.9	24.0	On
EW-5001	1.9	1.9	2,743	-23.2	---	24.0	On
EW-5002	0.0	0.0	0	4.8	21.4	0.0	Off
EW Totals	**146.7**		**206,925**				

	Value	Total (KGal)	Peak Flow
FIT-100	146 GPM	206.5	149 GPM
FIT-500	54 GPM	176.8	271 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

November 28, 2015 12AM to November 29, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	26 GPM	0.0
RC-7003	FIT-665	28 GPM	35.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 28, 2015 12AM to November 29, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	98 GPM	51.6
Permeate Flow	FIT-642	72 GPM	37.5
Concentrate Flow	FIT-643	25 GPM	13.1

Inlet Conductivity	CIT-630	1,059.0 µS
Outlet Conductivity	CIT-642	28.4 µS
Hours Run		8.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	98.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 29, 2015 12AM to November 30, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.0	2,582	1.6	39.4	24.0	On
EW-2002	0.7	1.0	1,034	5.9	38.9	24.0	On
EW-2003	1.1	1.2	1,586	5.6	36.5	24.0	On
EW-2004	0.5	0.6	760	6.8	31.4	24.0	On
EW-2005	0.4	0.5	621	7.3	29.2	24.0	On
EW-2006	1.1	1.2	1,644	5.6	26.1	24.0	On
EW-2007	1.8	1.8	2,572	7.6	22.5	24.0	On
EW-2008	0.7	0.8	1,030	3.0	22.9	24.0	On
EW-2009	1.2	1.2	1,646	3.2	23.1	24.0	On
EW-2010	0.3	0.4	282	5.4	22.3	15.8	On
EW-2011	0.3	0.4	330	8.3	20.6	17.3	On
EW-2012	0.0	0.5	112	11.0	13.2	6.6	Off
EW-2013	0.4	0.5	316	17.8	13.2	15.2	On
EW-2014	1.1	1.2	1,614	13.0	14.3	24.0	On
EW-2015	0.5	0.7	693	11.7	12.5	24.0	On
EW-2016	0.0	0.7	788	10.6	---	22.2	Off
EW-2017	1.3	1.3	1,887	12.6	---	24.0	On
EW-2018	0.6	0.9	918	10.9	---	24.0	On
EW-2019	0.3	0.3	213	11.5	---	12.4	On
EW-2020	0.0	0.4	353	12.1	---	17.7	Off
EW-2021	0.3	0.3	298	12.6	---	16.1	On
EW-2022	0.5	0.6	509	11.6	---	21.4	On
EW-2023	0.4	0.5	602	11.2	---	24.0	On
EW-2024	0.0	0.5	352	9.8	---	17.7	Off
EW-2025	0.9	1.0	1,255	10.8	---	24.0	On
EW-2026	0.7	0.9	1,061	9.4	---	24.0	On
EW-2027	0.8	1.0	1,148	9.3	---	24.0	On
EW-2028	0.8	1.0	1,132	8.8	---	24.0	On
EW-2029	0.9	1.1	1,343	7.4	---	24.0	On
EW-2030	1.4	1.5	2,047	10.2	---	24.0	On
EW-2031	1.5	1.6	2,150	11.1	---	24.0	On
EW-2032	0.5	0.7	743	8.9	---	24.0	On
EW-2033	0.5	0.7	777	9.4	---	24.0	On
EW-2034	0.6	0.7	924	9.0	25.7	24.0	On
EW-2035	1.2	1.2	1,703	6.4	20.8	24.0	On
EW-2036	0.6	0.6	861	13.3	23.6	24.0	On
EW-2037	1.0	1.0	1,373	4.0	26.3	24.0	On
EW-2101	16.6	16.7	23,734	15.2	62.5	24.0	On
EW-2102	15.0	15.5	21,795	14.6	66.5	24.0	On
EW-2103	0.0	0.0	0	21.1	24.2	0.0	Off
EW-2104	33.0	33.2	47,527	13.7	37.6	24.0	On
EW-3001	0.0	0.0	0	1.5	13.2	0.0	Off
EW-3002	0.0	0.0	0	2.5	12.3	0.0	Off
EW-3003	0.0	0.0	0	3.8	12.2	0.0	Off

Daily Log

November 29, 2015 12AM to November 30, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	1.4	1.4	1,923	-2.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.6	1.7	2,326	-3.6	---	24.0	On
EW-3008	0.9	0.9	1,330	0.6	---	24.0	On
EW-3009	3.0	3.0	4,338	-1.5	---	24.0	On
EW-3010	1.1	1.1	1,506	-2.2	---	24.0	On
EW-3011	0.5	0.6	638	-0.1	24.3	22.0	On
EW-3012	0.6	0.8	911	-6.2	28.5	24.0	On
EW-3013	1.0	1.2	1,459	-6.5	37.4	24.0	On
EW-3014	0.3	0.4	146	-3.5	43.5	9.3	On
EW-3015	1.2	1.4	1,747	-6.3	50.1	24.0	On
EW-3016	0.8	1.0	1,234	-6.7	59.2	24.0	On
EW-3017	0.0	0.5	284	-5.5	60.8	15.4	Off
EW-3018	0.0	0.9	111	-5.2	60.5	2.7	Off
EW-3019	0.9	1.2	1,374	-3.2	61.3	24.0	On
EW-3020	3.8	3.9	5,465	-2.1	39.3	24.0	On
EW-3021	0.0	0.4	246	0.7	21.1	13.9	Off
EW-3022	0.7	0.7	909	-2.5	28.0	24.0	On
EW-3023	1.6	1.7	2,313	0.5	25.5	24.0	On
EW-3024	0.5	0.5	575	1.0	---	23.3	On
EW-3025	2.1	2.1	2,959	-1.3	30.0	24.0	On
EW-3026	2.5	2.5	3,522	-2.9	30.6	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	3.1	3.1	4,429	-2.4	24.3	24.0	On
EW-4002	2.2	2.3	3,105	-47.2	13.4	24.0	On
EW-4003	3.8	3.8	5,366	-56.2	---	24.0	On
EW-4004	1.5	1.6	2,187	-8.8	16.1	24.0	On
EW-4005	3.5	3.7	5,118	-44.9	---	24.0	On
EW-4006	1.4	1.5	1,975	-51.1	25.3	24.0	On
EW-4007	1.1	1.1	1,520	-5.2	29.2	24.0	On
EW-4008	2.9	2.9	4,137	-12.8	25.2	24.0	On
EW-4009	0.8	0.9	1,160	-21.2	38.4	24.0	On
EW-4010	2.4	2.4	3,428	-0.1	38.6	24.0	On
EW-4011	2.0	2.1	2,933	-19.8	38.0	24.0	On
EW-5001	1.9	2.0	2,747	-23.4	---	24.0	On
EW-5002	0.0	0.0	0	4.9	21.3	0.0	Off
EW Totals	**142.8**		**205,738**				

	Value	Total (KGal)	Peak Flow
FIT-100	143 GPM	205.3	148 GPM
FIT-500	0 GPM	167.5	271 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

November 29, 2015 12AM to November 30, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	26 GPM	0.0
RC-7003	FIT-665	28 GPM	35.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 29, 2015 12AM to November 30, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	52.8
Permeate Flow	FIT-642	0 GPM	38.3
Concentrate Flow	FIT-643	0 GPM	13.5

Inlet Conductivity	CIT-630	1,106.2 µS
Outlet Conductivity	CIT-642	69.5 µS
Hours Run		9.0 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.9 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

November 30, 2015 12AM to December 1, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.0	2,562	1.5	39.2	24.0	On
EW-2002	0.7	1.0	1,029	6.0	38.8	24.0	On
EW-2003	1.1	1.2	1,579	5.6	36.4	24.0	On
EW-2004	0.6	0.7	761	6.6	31.1	24.0	On
EW-2005	0.5	0.6	616	7.0	29.0	24.0	On
EW-2006	1.1	1.2	1,628	5.6	25.9	24.0	On
EW-2007	1.8	1.9	2,542	7.6	22.1	24.0	On
EW-2008	0.8	0.9	1,026	3.0	21.8	24.0	On
EW-2009	1.1	1.2	1,649	3.2	21.8	24.0	On
EW-2010	0.0	0.5	280	6.0	21.0	15.7	Off
EW-2011	0.0	0.5	329	8.3	19.5	17.3	Off
EW-2012	0.0	0.4	49	24.2	17.4	2.8	Off
EW-2013	0.0	0.5	98	23.7	-1.1	4.8	Off
EW-2014	0.0	1.6	498	22.3	24.4	7.4	Off
EW-2015	0.0	1.0	214	21.6	26.6	16.4	On
EW-2016	0.6	0.7	799	10.2	---	22.5	On
EW-2017	1.3	1.4	1,880	12.6	---	24.0	On
EW-2018	0.6	0.9	897	11.2	---	24.0	On
EW-2019	0.0	0.3	210	13.1	---	12.2	Off
EW-2020	0.3	0.5	353	11.3	---	17.5	On
EW-2021	0.0	0.4	295	13.3	---	15.9	Off
EW-2022	0.4	0.6	501	11.4	---	21.9	On
EW-2023	0.4	0.5	609	11.3	---	24.0	On
EW-2024	0.3	0.5	352	9.9	---	17.9	On
EW-2025	0.9	1.1	1,249	10.9	---	24.0	On
EW-2026	0.7	1.0	1,052	9.6	---	24.0	On
EW-2027	0.8	1.1	1,146	9.4	---	24.0	On
EW-2028	0.8	1.1	1,132	8.9	---	24.0	On
EW-2029	0.9	1.2	1,338	7.6	---	24.0	On
EW-2030	1.4	1.5	2,032	10.3	---	24.0	On
EW-2031	1.5	1.6	2,132	11.2	---	24.0	On
EW-2032	0.5	0.9	741	9.1	---	24.0	On
EW-2033	0.5	0.8	772	9.6	---	24.0	On
EW-2034	0.6	1.0	921	8.9	26.1	24.0	On
EW-2035	1.2	1.8	1,669	6.5	20.5	23.5	On
EW-2036	0.0	1.1	263	22.8	-0.6	7.4	Off
EW-2037	0.0	2.4	425	21.3	15.8	7.5	Off
EW-2101	17.4	22.7	24,289	15.1	65.1	23.9	On
EW-2102	15.0	19.3	21,538	14.8	68.9	23.9	On
EW-2103	0.0	0.0	0	21.2	-2.5	0.0	Off
EW-2104	0.0	33.3	14,659	15.5	10.2	7.4	Off
EW-3001	0.0	0.0	0	3.9	16.6	0.0	Off
EW-3002	0.0	0.0	0	4.3	-5.3	0.0	Off
EW-3003	0.0	0.0	0	4.5	22.1	0.0	Off

Daily Log

November 30, 2015 12AM to December 1, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.3	0.5	254	1.8	---	13.6	On
EW-3005	1.5	1.5	2,045	-0.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.1	2.2	2,719	-3.5	---	24.0	On
EW-3008	1.0	1.0	1,375	0.6	---	24.0	On
EW-3009	3.0	3.1	4,349	0.2	---	24.0	On
EW-3010	1.5	1.5	1,838	-2.1	---	24.0	On
EW-3011	0.6	0.7	728	0.5	24.7	23.4	On
EW-3012	0.7	1.9	933	-6.1	29.3	24.0	On
EW-3013	1.0	2.1	1,482	-6.4	38.8	24.0	On
EW-3014	0.0	0.4	148	-3.5	45.2	9.4	Off
EW-3015	1.2	2.7	1,756	-6.2	52.2	24.0	On
EW-3016	0.9	2.0	1,234	-6.6	61.6	24.0	On
EW-3017	0.3	1.1	281	-5.6	63.6	15.2	On
EW-3018	0.0	0.9	115	-6.5	63.4	2.8	Off
EW-3019	1.0	2.6	1,369	-2.8	64.1	24.0	On
EW-3020	3.7	3.8	5,376	-1.9	39.1	24.0	On
EW-3021	0.0	0.7	76	3.6	-4.8	4.2	Off
EW-3022	0.0	1.2	277	3.6	18.1	7.4	Off
EW-3023	1.9	2.5	2,538	0.6	26.1	24.0	On
EW-3024	0.4	0.5	621	2.1	---	23.9	On
EW-3025	0.0	2.3	913	6.4	20.7	7.4	Off
EW-3026	0.0	2.6	1,089	7.7	18.6	7.4	Off
EW-3027	0.5	0.5	444	1.7	---	16.4	On
EW-4001	0.0	3.5	1,359	3.9	15.2	7.4	Off
EW-4002	0.0	2.3	969	1.6	22.9	7.5	Off
EW-4003	3.9	4.0	5,499	-56.0	---	24.0	On
EW-4004	1.6	1.8	2,220	-8.0	15.9	24.0	On
EW-4005	3.7	3.8	5,179	-44.9	---	24.0	On
EW-4006	0.0	2.1	607	0.7	5.0	7.4	Off
EW-4007	0.0	1.2	457	2.3	-8.5	7.4	Off
EW-4008	0.0	3.0	1,271	1.9	-0.3	7.4	Off
EW-4009	0.9	1.1	1,178	-20.0	39.7	24.0	On
EW-4010	0.0	2.6	1,048	3.7	29.0	16.2	On
EW-4011	0.0	2.1	902	4.0	-5.1	7.4	Off
EW-5001	1.9	2.1	2,799	-24.1	---	24.0	On
EW-5002	0.0	0.0	0	4.8	21.1	0.0	Off
EW Totals	**89.2**		**151,563**				

	Value	Total (KGal)	Peak Flow
FIT-100	89 GPM	151.1	147 GPM
FIT-500	0 GPM	145.7	269 GPM
Effluent Temp	100.4 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

November 30, 2015 12AM to December 1, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	12.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

November 30, 2015 12AM to December 1, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	18.7
Permeate Flow	FIT-642	0 GPM	13.4
Concentrate Flow	FIT-643	0 GPM	5.0

Inlet Conductivity	CIT-630	1,094.6 µS
Outlet Conductivity	CIT-642	415.5 µS
Hours Run		3.0 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 1, 2015 12AM to December 2, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.2	2,548	1.6	41.6	23.9	On
EW-2002	0.7	5.7	1,026	5.9	41.0	23.9	On
EW-2003	1.1	4.8	1,596	5.4	38.5	23.9	On
EW-2004	0.5	3.6	760	6.7	33.3	23.9	On
EW-2005	0.4	2.1	614	7.2	31.1	23.9	On
EW-2006	1.1	3.2	1,616	5.3	28.0	23.9	On
EW-2007	1.8	4.5	2,526	7.4	24.4	23.9	On
EW-2008	0.8	3.8	1,022	3.0	24.2	23.9	On
EW-2009	1.2	2.7	1,642	3.2	24.4	23.9	On
EW-2010	0.0	4.4	281	6.0	23.4	15.6	Off
EW-2011	0.0	0.6	329	8.4	21.8	17.2	Off
EW-2012	0.0	0.0	0	24.2	10.9	0.0	Off
EW-2013	0.0	0.0	0	23.7	-1.1	0.0	Off
EW-2014	0.0	0.0	0	22.3	21.8	0.0	Off
EW-2015	0.0	0.8	0	21.6	28.0	23.9	On
EW-2016	0.6	0.8	803	10.2	---	22.9	On
EW-2017	1.3	4.1	1,875	12.6	---	23.9	On
EW-2018	0.7	3.5	908	11.3	---	23.9	On
EW-2019	0.0	0.8	235	12.5	---	13.5	Off
EW-2020	0.3	0.5	350	11.2	---	17.8	On
EW-2021	0.3	0.4	293	13.7	---	15.7	On
EW-2022	0.3	0.6	481	13.2	---	21.2	On
EW-2023	0.4	0.5	609	11.3	---	23.9	On
EW-2024	0.3	0.5	351	10.0	---	18.5	On
EW-2025	0.8	4.3	1,244	11.0	---	23.9	On
EW-2026	0.7	3.9	1,044	9.7	---	23.9	On
EW-2027	0.8	4.5	1,145	9.6	---	23.9	On
EW-2028	0.8	4.3	1,133	9.1	---	23.9	On
EW-2029	0.9	4.8	1,334	7.7	---	23.9	On
EW-2030	1.4	7.0	2,026	10.4	---	23.9	On
EW-2031	1.4	7.3	2,114	11.3	---	23.9	On
EW-2032	0.5	2.7	735	9.3	---	23.9	On
EW-2033	0.5	2.8	772	9.7	---	23.9	On
EW-2034	0.6	2.6	922	8.9	28.1	23.9	On
EW-2035	1.2	1.7	1,697	6.4	23.0	23.9	On
EW-2036	0.0	0.0	0	22.8	0.1	0.0	Off
EW-2037	0.0	0.0	0	21.3	9.7	0.0	Off
EW-2101	16.7	18.5	24,552	15.1	66.4	23.9	On
EW-2102	14.5	15.8	21,210	14.8	70.1	23.9	On
EW-2103	0.0	0.0	0	21.3	-2.5	0.0	Off
EW-2104	0.0	0.0	0	16.0	5.2	0.0	Off
EW-3001	0.0	0.0	0	4.4	16.3	0.0	Off
EW-3002	0.0	0.0	0	4.6	-6.8	0.0	Off
EW-3003	0.0	0.0	0	4.7	19.0	0.0	Off

Daily Log

December 1, 2015 12AM to December 2, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.3	0.5	471	2.1	---	23.9	On
EW-3005	1.6	1.6	2,156	-1.0	---	23.9	On
EW-3006	0.0	0.5	3	0.4	---	0.1	Off
EW-3007	2.2	5.4	3,139	-3.6	---	23.9	On
EW-3008	1.0	6.6	1,438	0.6	---	23.8	On
EW-3009	3.0	7.0	4,291	0.2	---	23.9	On
EW-3010	1.5	5.7	2,152	-2.1	---	23.9	On
EW-3011	0.6	0.8	761	0.6	26.7	23.9	On
EW-3012	0.7	5.0	957	-5.8	31.4	23.9	On
EW-3013	1.1	4.7	1,499	-6.2	40.8	23.9	On
EW-3014	0.0	0.5	149	-4.0	47.0	9.5	Off
EW-3015	1.3	4.0	1,765	-6.1	53.9	23.9	On
EW-3016	0.9	2.2	1,237	-6.4	63.0	23.9	On
EW-3017	0.4	0.5	283	-6.4	64.9	15.3	On
EW-3018	0.0	0.9	115	-7.8	64.7	2.8	Off
EW-3019	1.0	2.7	1,362	-3.1	65.5	23.9	On
EW-3020	3.8	6.0	5,357	-2.1	41.3	23.9	On
EW-3021	0.0	0.0	0	3.7	-5.5	0.0	Off
EW-3022	0.0	0.0	0	3.8	15.3	0.0	Off
EW-3023	2.0	5.1	2,751	0.5	28.3	23.9	On
EW-3024	0.4	0.8	608	2.4	---	23.9	On
EW-3025	0.0	0.0	0	6.6	20.1	0.0	Off
EW-3026	0.0	0.0	0	7.9	14.3	0.0	Off
EW-3027	0.4	2.2	613	1.9	---	23.9	On
EW-4001	0.0	0.0	0	4.9	11.5	0.0	Off
EW-4002	0.0	0.0	0	2.3	20.6	0.0	Off
EW-4003	3.9	6.7	5,631	-55.9	---	23.9	On
EW-4004	1.7	1.8	2,254	-8.5	18.3	23.9	On
EW-4005	3.7	6.3	5,379	-45.0	---	23.9	On
EW-4006	0.0	0.0	0	1.7	-3.1	0.0	Off
EW-4007	0.0	0.0	0	3.3	-8.4	0.0	Off
EW-4008	0.0	0.0	0	2.8	-4.9	0.0	Off
EW-4009	0.8	0.9	1,178	-19.0	41.8	23.9	On
EW-4010	0.0	0.0	0	4.6	30.4	23.9	On
EW-4011	0.0	0.0	0	5.0	-2.3	0.0	Off
EW-5001	2.0	2.1	2,786	-24.9	---	23.9	On
EW-5002	0.0	0.0	0	4.9	23.5	0.0	Off
EW Totals	**88.9**		**128,127**				

	Value	Total (KGal)	Peak Flow
FIT-100	89 GPM	127.9	110 GPM
FIT-500	0 GPM	132.9	272 GPM
Effluent Temp	100.8 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

December 1, 2015 12AM to December 2, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 1, 2015 12AM to December 2, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,094.6 µS
Outlet Conductivity	CIT-642	438.7 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	90.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 2, 2015 12AM to December 3, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.4	2,526	1.5	39.7	23.8	On
EW-2002	0.7	4.8	1,024	6.1	39.2	23.8	On
EW-2003	1.1	4.4	1,590	5.4	36.7	23.8	On
EW-2004	0.5	3.7	754	6.8	31.5	23.7	On
EW-2005	0.4	2.4	611	7.2	29.4	23.8	On
EW-2006	1.1	3.4	1,619	5.5	26.3	23.8	On
EW-2007	1.8	4.7	2,524	7.6	22.9	23.8	On
EW-2008	0.7	3.9	1,014	3.2	23.5	23.8	On
EW-2009	1.2	2.7	1,637	3.4	23.7	23.8	On
EW-2010	0.3	0.6	279	6.5	22.8	15.3	On
EW-2011	0.4	0.6	326	9.2	21.2	16.8	On
EW-2012	0.0	0.0	0	24.2	8.3	0.0	Off
EW-2013	0.0	0.0	0	23.7	-1.1	0.0	Off
EW-2014	0.0	0.0	0	22.3	19.5	0.0	Off
EW-2015	0.0	0.0	0	21.6	27.3	23.8	On
EW-2016	0.7	0.8	789	11.9	---	22.3	On
EW-2017	1.3	4.2	1,864	12.8	---	23.8	On
EW-2018	0.9	7.4	964	11.0	---	23.8	On
EW-2019	0.0	0.4	249	13.3	---	14.1	On
EW-2020	0.4	0.6	346	11.8	---	17.5	On
EW-2021	0.3	0.4	291	12.9	---	15.1	On
EW-2022	0.6	0.7	482	11.1	---	21.1	On
EW-2023	0.5	0.6	611	11.3	---	23.8	On
EW-2024	0.5	0.6	347	10.7	---	17.8	On
EW-2025	1.1	7.1	1,237	10.9	---	23.7	On
EW-2026	0.9	7.1	1,036	9.5	---	23.8	On
EW-2027	1.0	7.1	1,140	9.4	---	23.8	On
EW-2028	1.0	7.1	1,127	8.9	---	23.8	On
EW-2029	1.1	7.2	1,331	7.5	---	23.8	On
EW-2030	1.5	7.2	2,013	10.4	---	23.8	On
EW-2031	1.6	7.5	2,084	11.3	---	23.8	On
EW-2032	0.8	6.7	731	9.0	---	23.8	On
EW-2033	0.7	3.2	769	9.4	---	23.8	On
EW-2034	0.6	2.4	916	9.0	26.6	23.8	On
EW-2035	1.2	1.7	1,698	6.4	21.3	23.8	On
EW-2036	0.0	0.0	0	22.8	0.2	0.0	Off
EW-2037	0.0	0.0	0	21.3	6.9	0.0	Off
EW-2101	16.9	18.3	24,113	15.1	65.4	23.8	On
EW-2102	14.4	15.6	20,783	14.6	69.6	23.8	On
EW-2103	0.0	0.0	0	21.3	-2.5	0.0	Off
EW-2104	0.0	0.0	0	16.3	3.4	0.0	Off
EW-3001	0.0	0.0	0	4.6	16.0	0.0	Off
EW-3002	0.0	0.0	0	4.7	-7.5	0.0	Off
EW-3003	0.0	0.0	0	4.8	17.4	0.0	Off

Daily Log

December 2, 2015 12AM to December 3, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.4	0.6	489	1.9	---	23.7	On
EW-3005	1.7	1.7	2,340	-1.3	---	23.7	On
EW-3006	0.0	0.6	7	0.4	---	0.3	Off
EW-3007	2.2	5.6	3,131	-3.5	---	23.7	On
EW-3008	1.1	1.3	1,473	0.5	---	23.7	On
EW-3009	3.1	3.2	4,318	0.2	---	23.7	On
EW-3010	1.5	5.8	2,139	-1.9	---	23.7	On
EW-3011	0.6	0.6	766	0.8	25.2	23.7	On
EW-3012	0.7	5.3	958	-5.9	30.0	23.7	On
EW-3013	1.1	4.7	1,494	-6.2	39.6	23.7	On
EW-3014	0.0	0.5	149	-3.6	45.9	9.4	Off
EW-3015	1.2	4.0	1,763	-5.9	52.9	23.7	On
EW-3016	0.8	2.2	1,234	-6.3	62.1	23.7	On
EW-3017	0.3	0.5	281	-6.3	64.0	14.9	On
EW-3018	0.0	0.9	110	-5.3	63.9	2.7	Off
EW-3019	0.9	2.7	1,351	-2.8	64.7	23.7	On
EW-3020	3.8	6.2	5,351	-2.2	39.6	23.7	On
EW-3021	0.0	0.0	0	3.7	-5.8	0.0	Off
EW-3022	0.0	0.0	0	3.8	14.1	0.0	Off
EW-3023	2.0	5.1	2,785	0.5	26.8	23.7	On
EW-3024	0.5	0.6	620	2.4	---	23.7	On
EW-3025	0.0	0.0	0	6.6	19.8	0.0	Off
EW-3026	0.0	0.0	0	7.8	11.5	0.0	Off
EW-3027	0.5	0.7	621	1.8	---	23.7	On
EW-4001	0.0	0.0	0	5.3	10.5	0.0	Off
EW-4002	0.0	0.0	0	2.7	19.2	0.0	Off
EW-4003	4.1	7.0	5,683	-55.9	---	23.7	On
EW-4004	1.7	1.8	2,383	-8.5	16.7	23.7	On
EW-4005	3.8	6.6	5,419	-44.9	---	23.7	On
EW-4006	0.0	0.0	0	2.0	-9.2	0.0	Off
EW-4007	0.0	0.0	0	3.7	-7.9	0.0	Off
EW-4008	0.0	0.0	0	3.2	-5.3	0.0	Off
EW-4009	0.8	0.9	1,183	-18.2	40.5	23.7	On
EW-4010	0.0	0.0	0	5.0	29.7	23.7	On
EW-4011	0.0	0.0	0	5.4	-1.8	0.0	Off
EW-5001	2.0	2.2	2,897	-24.8	---	23.7	On
EW-5002	0.0	0.0	0	4.9	21.8	0.0	Off
EW Totals	**92.9**		**127,772**				

	Value	Total (KGal)	Peak Flow
FIT-100	93 GPM	127.7	132 GPM
FIT-500	203 GPM	125.9	231 GPM
Effluent Temp	100.6 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

December 2, 2015 12AM to December 3, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 2, 2015 12AM to December 3, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,095.2 µS
Outlet Conductivity	CIT-642	651.1 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	87.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 3, 2015 12AM to December 4, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,548	1.8	39.1	24.0	On
EW-2002	0.7	0.9	1,022	6.2	38.7	24.0	On
EW-2003	1.1	1.2	1,575	5.6	36.2	24.0	On
EW-2004	0.5	0.6	744	6.7	31.0	24.0	On
EW-2005	0.4	0.5	606	7.3	28.8	24.0	On
EW-2006	1.1	1.2	1,597	5.5	25.8	24.0	On
EW-2007	1.7	1.8	2,518	7.7	22.4	24.0	On
EW-2008	0.7	0.8	1,031	3.1	22.9	24.0	On
EW-2009	1.2	1.2	1,659	3.3	23.1	24.0	On
EW-2010	0.3	0.5	288	5.4	22.2	15.9	On
EW-2011	0.3	0.5	331	8.5	20.6	17.4	On
EW-2012	0.0	2.4	0	24.4	6.6	0.0	Off
EW-2013	0.0	0.0	0	23.8	-1.1	0.0	Off
EW-2014	0.0	0.0	0	22.3	16.9	0.0	Off
EW-2015	0.0	0.0	0	21.7	26.8	24.0	On
EW-2016	0.6	0.7	803	10.4	---	22.5	On
EW-2017	1.3	1.4	1,884	12.8	---	24.0	On
EW-2018	0.7	1.1	1,043	11.1	---	24.0	On
EW-2019	0.0	0.5	243	13.0	---	13.9	Off
EW-2020	0.3	0.5	348	11.7	---	17.3	On
EW-2021	0.3	0.4	295	13.0	---	15.9	On
EW-2022	0.3	0.6	485	13.3	---	20.8	On
EW-2023	0.4	0.5	612	11.4	---	24.0	On
EW-2024	0.3	0.5	349	10.1	---	17.1	On
EW-2025	0.8	1.1	1,235	11.1	---	24.0	On
EW-2026	0.7	1.0	1,038	9.7	---	24.0	On
EW-2027	0.8	1.0	1,138	9.6	---	24.0	On
EW-2028	0.8	1.0	1,126	9.1	---	24.0	On
EW-2029	0.9	1.1	1,329	7.8	---	24.0	On
EW-2030	1.4	1.6	2,013	10.4	---	24.0	On
EW-2031	1.4	1.6	2,083	11.3	---	24.0	On
EW-2032	0.5	0.8	730	9.3	---	24.0	On
EW-2033	0.5	0.8	767	9.7	---	24.0	On
EW-2034	0.6	3.9	872	9.0	26.1	22.5	On
EW-2035	1.2	1.3	1,701	6.6	20.7	24.0	On
EW-2036	0.0	0.0	0	23.0	0.2	0.0	Off
EW-2037	0.0	0.0	0	21.4	4.7	0.0	Off
EW-2101	16.9	17.2	24,336	15.1	65.3	24.0	On
EW-2102	14.2	14.7	20,622	14.6	69.5	24.0	On
EW-2103	0.0	0.0	0	21.4	-2.5	0.0	Off
EW-2104	0.0	0.0	0	16.5	2.5	0.0	Off
EW-3001	0.0	0.0	0	4.4	15.4	0.0	Off
EW-3002	0.0	0.0	0	4.4	-7.9	0.0	Off
EW-3003	0.0	0.0	0	4.5	15.8	0.0	Off

Daily Log

December 3, 2015 12AM to December 4, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.2	0.5	429	1.7	---	23.5	On
EW-3005	1.8	1.8	2,540	-1.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.3	3,007	-3.5	---	24.0	On
EW-3008	1.0	4.6	1,456	0.6	---	23.5	On
EW-3009	3.0	3.2	4,375	-0.4	---	24.0	On
EW-3010	1.4	1.6	2,069	-2.1	---	24.0	On
EW-3011	0.5	1.2	773	0.5	24.6	24.0	On
EW-3012	0.7	1.0	952	-6.0	29.5	24.0	On
EW-3013	1.0	1.3	1,506	-6.3	39.1	24.0	On
EW-3014	0.0	0.4	157	-4.2	45.5	9.9	Off
EW-3015	1.2	1.4	1,775	-6.2	52.8	24.0	On
EW-3016	0.9	1.0	1,233	-6.6	62.1	24.0	On
EW-3017	0.3	0.5	281	-6.9	64.0	15.2	On
EW-3018	0.0	0.9	115	-6.0	63.7	2.8	Off
EW-3019	0.9	1.1	1,343	-2.9	64.7	24.0	On
EW-3020	3.7	3.8	5,398	-2.0	39.0	24.0	On
EW-3021	0.0	0.0	0	3.3	-6.3	0.0	Off
EW-3022	0.0	0.0	0	3.3	12.9	0.0	Off
EW-3023	1.8	2.1	2,749	0.6	26.2	24.0	On
EW-3024	0.5	2.8	688	1.4	---	24.0	On
EW-3025	0.0	0.0	0	6.2	19.2	0.0	Off
EW-3026	0.0	0.0	0	7.5	9.3	0.0	Off
EW-3027	1.6	5.2	1,400	0.7	---	24.0	On
EW-4001	0.0	0.0	0	5.6	9.7	0.0	Off
EW-4002	0.0	0.0	0	2.8	16.7	0.0	Off
EW-4003	4.0	4.1	5,758	-56.1	---	24.0	On
EW-4004	1.7	1.8	2,468	-8.5	16.2	24.0	On
EW-4005	3.8	3.9	5,471	-45.0	---	24.0	On
EW-4006	0.0	0.0	0	2.2	-9.0	0.0	Off
EW-4007	0.0	0.0	0	4.0	-8.0	0.0	Off
EW-4008	0.0	0.0	0	3.5	-4.5	0.0	Off
EW-4009	0.8	0.9	1,190	-18.6	40.1	24.0	On
EW-4010	0.0	0.0	0	5.3	29.4	24.0	On
EW-4011	0.0	0.0	0	5.9	-3.0	0.0	Off
EW-5001	2.0	7.0	2,901	-24.8	---	24.0	On
EW-5002	0.0	0.9	25	4.9	21.2	0.5	Off
EW Totals	**89.7**		**129,028**				

	Value	Total (KGal)	Peak Flow
FIT-100	90 GPM	129.1	95 GPM
FIT-500	0 GPM	137.0	230 GPM
Effluent Temp	100.6 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

December 3, 2015 12AM to December 4, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 3, 2015 12AM to December 4, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,097.2 µS
Outlet Conductivity	CIT-642	660.0 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	84.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 4, 2015 12AM to December 5, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.2	2,483	1.4	40.9	22.4	On
EW-2002	0.7	1.6	1,039	6.0	40.1	24.0	On
EW-2003	1.1	1.6	1,568	5.6	37.4	24.0	On
EW-2004	0.5	0.9	749	6.8	32.0	24.0	On
EW-2005	0.4	0.6	607	7.1	29.6	24.0	On
EW-2006	1.1	1.3	1,576	5.6	26.4	24.0	On
EW-2007	1.8	1.9	2,509	7.6	22.8	24.0	On
EW-2008	0.7	0.8	1,040	3.1	22.4	24.0	On
EW-2009	1.2	1.3	1,691	3.2	22.6	24.0	On
EW-2010	0.0	0.4	290	6.3	21.7	16.2	Off
EW-2011	0.0	0.4	333	9.1	20.1	17.6	Off
EW-2012	0.0	0.0	0	24.2	5.7	0.0	Off
EW-2013	0.0	0.0	0	23.8	-1.1	0.0	Off
EW-2014	0.0	0.0	0	22.3	15.3	0.0	Off
EW-2015	0.0	0.0	0	21.7	26.6	24.0	On
EW-2016	0.6	0.7	801	10.8	---	22.9	On
EW-2017	1.3	1.4	1,892	12.5	---	24.0	On
EW-2018	0.0	2.8	764	21.5	---	16.8	Off
EW-2019	0.0	6.0	199	13.0	---	10.1	Off
EW-2020	0.0	0.5	350	12.1	---	17.5	On
EW-2021	0.0	0.3	298	12.4	---	16.1	Off
EW-2022	0.4	0.6	481	11.6	---	21.3	On
EW-2023	0.5	0.5	626	11.4	---	24.0	On
EW-2024	0.3	0.5	347	10.7	---	18.5	On
EW-2025	0.9	1.1	1,240	10.9	---	24.0	On
EW-2026	0.7	1.0	1,040	9.4	---	24.0	On
EW-2027	0.8	1.0	1,146	9.3	---	24.0	On
EW-2028	0.8	1.1	1,137	8.8	---	24.0	On
EW-2029	0.9	1.1	1,336	7.5	---	24.0	On
EW-2030	1.4	1.6	2,042	10.2	---	24.0	On
EW-2031	1.5	1.6	2,127	11.1	---	24.0	On
EW-2032	0.5	0.8	737	8.9	---	24.0	On
EW-2033	0.5	0.8	773	9.4	---	24.0	On
EW-2034	0.7	0.7	933	8.9	26.7	24.0	On
EW-2035	1.2	1.2	1,692	6.5	21.1	24.0	On
EW-2036	0.0	0.0	0	23.2	0.2	0.0	Off
EW-2037	0.0	0.0	0	21.7	4.0	0.0	Off
EW-2101	16.8	17.0	24,131	15.1	65.5	24.0	On
EW-2102	13.9	14.4	20,197	14.7	69.7	24.0	On
EW-2103	0.0	0.0	0	21.5	-2.5	0.0	Off
EW-2104	0.0	0.0	0	16.7	1.9	0.0	Off
EW-3001	0.0	0.0	0	4.5	15.2	0.0	Off
EW-3002	0.0	0.0	0	4.5	-8.1	0.0	Off
EW-3003	0.0	0.0	0	4.5	15.2	0.0	Off

Daily Log

December 4, 2015 12AM to December 5, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.2	0.5	346	1.7	---	23.0	On
EW-3005	1.9	1.9	2,657	-2.0	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.1	2,883	-3.7	---	24.0	On
EW-3008	0.5	6.8	953	0.0	---	22.0	On
EW-3009	3.0	3.0	4,320	-0.3	---	24.0	On
EW-3010	1.4	1.5	1,973	-2.2	---	24.0	On
EW-3011	0.6	0.7	820	0.3	25.2	24.0	On
EW-3012	0.6	0.8	950	-6.2	30.0	24.0	On
EW-3013	1.0	1.2	1,499	-6.5	39.7	24.0	On
EW-3014	0.3	0.5	147	-3.6	46.1	9.2	On
EW-3015	1.2	1.4	1,766	-6.3	53.2	24.0	On
EW-3016	0.9	1.0	1,231	-6.6	62.3	24.0	On
EW-3017	0.0	0.5	280	-7.1	64.0	15.1	Off
EW-3018	0.0	0.9	115	-6.4	63.7	2.8	Off
EW-3019	1.0	1.1	1,348	-3.1	64.6	24.0	On
EW-3020	3.8	4.0	5,374	-2.1	40.4	24.0	On
EW-3021	0.0	0.0	0	3.4	-6.6	0.0	Off
EW-3022	0.0	0.0	0	3.4	12.3	0.0	Off
EW-3023	1.8	1.9	2,636	0.6	26.7	24.0	On
EW-3024	0.5	0.8	779	1.1	---	24.0	On
EW-3025	0.0	0.0	0	6.2	19.0	0.0	Off
EW-3026	0.0	0.0	0	7.6	7.9	0.0	Off
EW-3027	1.9	2.0	2,566	0.6	---	24.0	On
EW-4001	0.0	0.0	0	5.9	9.5	0.0	Off
EW-4002	0.0	0.0	0	2.9	15.8	0.0	Off
EW-4003	3.9	4.1	5,707	-56.0	---	24.0	On
EW-4004	1.7	1.8	2,409	-7.9	16.6	24.0	On
EW-4005	3.8	4.0	5,438	-45.1	---	24.0	On
EW-4006	0.0	0.0	0	2.6	-8.7	0.0	Off
EW-4007	0.0	0.0	0	4.3	-7.7	0.0	Off
EW-4008	0.0	0.0	0	3.7	-3.9	0.0	Off
EW-4009	0.8	0.9	1,189	-17.7	40.6	24.0	On
EW-4010	0.0	0.0	0	5.6	29.3	24.0	On
EW-4011	0.0	0.0	0	6.3	-2.4	0.0	Off
EW-5001	2.0	2.0	2,836	-24.5	---	24.0	On
EW-5002	0.0	0.0	0	5.0	21.7	0.0	Off
EW Totals	**88.2**		**128,395**				

	Value	Total (KGal)	Peak Flow
FIT-100	88 GPM	128.9	97 GPM
FIT-500	202 GPM	130.4	230 GPM
Effluent Temp	99.9 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

December 4, 2015 12AM to December 5, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 4, 2015 12AM to December 5, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,097.2 µS
Outlet Conductivity	CIT-642	704.0 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	82.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 5, 2015 12AM to December 6, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,722	1.4	39.8	24.0	On
EW-2002	0.7	0.8	1,043	6.0	39.0	24.0	On
EW-2003	1.1	1.2	1,565	5.6	36.4	24.0	On
EW-2004	0.5	0.6	751	6.8	30.9	24.0	On
EW-2005	0.4	0.5	606	7.1	28.5	24.0	On
EW-2006	1.1	1.1	1,535	5.6	25.3	24.0	On
EW-2007	1.8	1.8	2,526	7.5	21.7	24.0	On
EW-2008	0.7	0.8	1,033	3.0	21.3	24.0	On
EW-2009	1.2	1.2	1,684	3.2	21.5	24.0	On
EW-2010	0.0	0.4	289	6.2	20.6	16.3	Off
EW-2011	0.0	0.5	334	8.9	19.0	17.6	Off
EW-2012	0.0	0.0	0	24.2	5.1	0.0	Off
EW-2013	0.0	0.0	0	23.8	-1.1	0.0	Off
EW-2014	0.0	0.0	0	22.3	13.8	0.0	Off
EW-2015	0.0	0.0	0	21.7	26.6	24.0	On
EW-2016	0.6	0.7	799	10.2	---	22.9	On
EW-2017	1.3	1.4	1,899	12.6	---	24.0	On
EW-2018	0.0	0.0	0	21.6	---	0.0	Off
EW-2019	0.0	0.6	207	11.9	---	11.4	Off
EW-2020	0.3	0.5	368	11.9	---	18.7	On
EW-2021	0.3	0.4	294	13.3	---	16.0	On
EW-2022	0.4	0.6	497	11.1	---	21.9	On
EW-2023	0.5	0.5	649	11.3	---	24.0	On
EW-2024	0.0	0.5	354	10.7	---	19.0	Off
EW-2025	0.9	1.2	1,243	10.8	---	24.0	On
EW-2026	0.7	1.0	1,039	9.4	---	24.0	On
EW-2027	0.8	1.1	1,147	9.3	---	24.0	On
EW-2028	0.8	1.1	1,146	8.8	---	24.0	On
EW-2029	0.9	1.2	1,339	7.4	---	24.0	On
EW-2030	1.4	1.6	2,037	10.2	---	24.0	On
EW-2031	1.5	1.7	2,121	11.1	---	24.0	On
EW-2032	0.5	0.9	740	8.9	---	24.0	On
EW-2033	0.5	0.8	769	9.4	---	24.0	On
EW-2034	0.6	0.7	928	9.1	25.8	24.0	On
EW-2035	1.2	1.2	1,705	6.3	20.1	24.0	On
EW-2036	0.0	0.0	0	23.2	0.2	0.0	Off
EW-2037	0.0	0.0	0	21.8	3.7	0.0	Off
EW-2101	16.7	16.9	23,970	15.0	65.3	24.0	On
EW-2102	13.8	14.1	19,981	14.6	69.6	24.0	On
EW-2103	0.0	0.0	0	21.5	-2.5	0.0	Off
EW-2104	0.0	0.0	0	16.9	1.5	0.0	Off
EW-3001	0.0	0.0	0	4.5	15.1	0.0	Off
EW-3002	0.0	0.0	0	4.5	-8.2	0.0	Off
EW-3003	0.0	0.0	0	4.5	14.8	0.0	Off

Daily Log

December 5, 2015 12AM to December 6, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.2	0.5	341	1.7	---	23.0	On
EW-3005	1.9	1.9	2,755	-2.2	---	24.0	On
EW-3006	0.0	0.1	0	0.4	---	0.0	Off
EW-3007	2.0	2.1	2,896	-3.6	---	24.0	On
EW-3008	0.6	0.8	790	-0.1	---	24.0	On
EW-3009	3.1	3.1	4,400	-0.4	---	24.0	On
EW-3010	1.3	1.5	1,921	-2.1	---	24.0	On
EW-3011	0.6	0.7	812	0.4	24.1	24.0	On
EW-3012	0.7	0.8	944	-6.2	29.0	24.0	On
EW-3013	1.0	1.2	1,496	-6.5	38.8	24.0	On
EW-3014	0.0	0.4	147	-3.6	45.3	9.2	Off
EW-3015	1.2	1.4	1,762	-6.2	52.7	24.0	On
EW-3016	0.8	1.0	1,230	-6.7	62.0	24.0	On
EW-3017	0.3	0.5	275	-5.1	63.9	14.9	On
EW-3018	0.0	0.9	114	-6.5	63.7	2.8	Off
EW-3019	0.9	1.1	1,346	-3.1	64.5	24.0	On
EW-3020	3.7	3.8	5,374	-2.2	39.3	24.0	On
EW-3021	0.0	0.0	0	3.3	-6.7	0.0	Off
EW-3022	0.0	0.0	0	3.3	11.9	0.0	Off
EW-3023	1.9	1.9	2,665	0.5	25.7	24.0	On
EW-3024	0.6	0.9	786	1.1	---	24.0	On
EW-3025	0.0	0.0	0	6.2	18.8	0.0	Off
EW-3026	0.0	0.0	0	7.5	6.9	0.0	Off
EW-3027	1.8	2.0	2,623	0.7	---	24.0	On
EW-4001	0.0	0.0	0	6.1	9.3	0.0	Off
EW-4002	0.0	0.0	0	3.0	14.9	0.0	Off
EW-4003	4.0	4.1	5,709	-56.1	---	24.0	On
EW-4004	1.8	1.8	2,435	-8.8	15.5	24.0	On
EW-4005	3.7	3.9	5,426	-45.0	---	24.0	On
EW-4006	0.0	0.0	0	2.8	-8.4	0.0	Off
EW-4007	0.0	0.0	0	4.5	-7.7	0.0	Off
EW-4008	0.0	0.0	0	3.9	-3.4	0.0	Off
EW-4009	0.9	0.9	1,201	-18.4	39.7	24.0	On
EW-4010	0.0	0.0	0	5.8	29.2	24.0	On
EW-4011	0.0	0.0	0	6.4	-2.0	0.0	Off
EW-5001	2.1	2.2	2,961	-26.1	---	24.0	On
EW-5002	0.0	0.0	0	4.9	20.7	0.0	Off
EW Totals	**88.5**		**127,728**				

	Value	Total (KGal)	Peak Flow
FIT-100	89 GPM	128.2	96 GPM
FIT-500	204 GPM	130.3	230 GPM
Effluent Temp	100.1 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

December 5, 2015 12AM to December 6, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 5, 2015 12AM to December 6, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,096.7 µS
Outlet Conductivity	CIT-642	704.0 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	80.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 6, 2015 12AM to December 7, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,681	1.6	40.4	24.0	On
EW-2002	0.7	0.8	1,022	6.1	39.7	24.0	On
EW-2003	1.1	1.1	1,529	5.6	37.1	24.0	On
EW-2004	0.5	0.6	733	6.7	31.6	24.0	On
EW-2005	0.4	0.5	603	7.2	29.3	24.0	On
EW-2006	1.1	1.1	1,509	5.6	26.0	24.0	On
EW-2007	1.7	1.8	2,518	7.7	22.4	24.0	On
EW-2008	0.7	0.8	1,027	3.1	23.0	24.0	On
EW-2009	1.2	1.2	1,679	3.2	23.2	24.0	On
EW-2010	0.3	0.4	288	5.2	22.3	16.2	On
EW-2011	0.3	0.4	333	8.3	20.7	17.5	On
EW-2012	0.0	0.0	0	24.2	4.6	0.0	Off
EW-2013	0.0	0.0	0	23.8	-1.1	0.0	Off
EW-2014	0.0	0.0	0	22.3	12.5	0.0	Off
EW-2015	0.0	0.0	0	21.7	26.5	24.0	On
EW-2016	0.7	0.7	797	10.9	---	22.7	On
EW-2017	1.3	1.3	1,862	12.7	---	24.0	On
EW-2018	0.0	0.0	0	21.7	---	0.0	Off
EW-2019	0.0	0.5	203	12.5	---	10.9	Off
EW-2020	0.3	0.4	369	12.0	---	18.7	On
EW-2021	0.0	0.3	294	12.1	---	16.0	Off
EW-2022	0.3	0.6	492	13.1	---	21.3	On
EW-2023	0.5	0.5	629	11.3	---	24.0	On
EW-2024	0.0	0.5	353	10.5	---	18.2	Off
EW-2025	0.9	1.1	1,236	10.8	---	24.0	On
EW-2026	0.7	1.1	1,025	9.4	---	24.0	On
EW-2027	0.8	1.0	1,140	9.3	---	24.0	On
EW-2028	0.8	1.0	1,138	8.8	---	24.0	On
EW-2029	0.9	1.1	1,331	7.4	---	24.0	On
EW-2030	1.4	1.5	2,018	10.2	---	24.0	On
EW-2031	1.5	1.6	2,093	11.1	---	24.0	On
EW-2032	0.5	0.8	736	8.9	---	24.0	On
EW-2033	0.5	0.7	766	9.3	---	24.0	On
EW-2034	0.6	0.7	910	9.0	26.3	24.0	On
EW-2035	1.2	1.2	1,697	6.6	20.6	24.0	On
EW-2036	0.0	0.0	0	23.2	0.2	0.0	Off
EW-2037	0.0	0.0	0	21.8	3.3	0.0	Off
EW-2101	16.4	16.8	23,789	15.0	65.7	24.0	On
EW-2102	13.4	14.0	19,722	14.6	70.2	24.0	On
EW-2103	0.0	0.0	0	21.6	-2.5	0.0	Off
EW-2104	0.0	0.0	0	17.1	1.2	0.0	Off
EW-3001	0.0	0.0	0	4.6	14.9	0.0	Off
EW-3002	0.0	0.0	0	4.6	-8.2	0.0	Off
EW-3003	0.0	0.0	0	4.6	14.4	0.0	Off

Daily Log

December 6, 2015 12AM to December 7, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.4	0.5	369	1.6	---	23.0	On
EW-3005	1.9	1.9	2,783	-2.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	2.0	2.0	2,851	-3.6	---	24.0	On
EW-3008	0.6	0.6	787	0.0	---	24.0	On
EW-3009	3.1	3.1	4,414	-0.3	---	24.0	On
EW-3010	1.3	1.4	1,853	-2.2	---	24.0	On
EW-3011	0.6	0.7	817	0.5	24.7	24.0	On
EW-3012	0.7	0.8	945	-6.0	29.6	24.0	On
EW-3013	1.0	1.2	1,493	-6.3	39.5	24.0	On
EW-3014	0.3	0.4	147	-4.2	46.0	9.4	On
EW-3015	1.2	1.4	1,760	-5.9	53.2	24.0	On
EW-3016	0.9	1.0	1,227	-6.6	62.4	24.0	On
EW-3017	0.3	0.5	278	-6.3	64.4	15.1	On
EW-3018	0.0	0.9	114	-6.4	64.1	2.8	Off
EW-3019	0.9	1.1	1,344	-2.8	64.9	24.0	On
EW-3020	3.7	3.8	5,352	-2.1	40.0	24.0	On
EW-3021	0.0	0.0	0	3.4	-6.7	0.0	Off
EW-3022	0.0	0.0	0	3.4	11.5	0.0	Off
EW-3023	1.8	1.9	2,651	0.6	26.4	24.0	On
EW-3024	0.6	0.8	787	1.1	---	24.0	On
EW-3025	0.0	0.0	0	6.2	18.6	0.0	Off
EW-3026	0.0	0.0	0	7.6	6.0	0.0	Off
EW-3027	1.9	1.9	2,612	0.7	---	24.0	On
EW-4001	0.0	0.0	0	6.3	9.2	0.0	Off
EW-4002	0.0	0.0	0	3.2	14.2	0.0	Off
EW-4003	4.0	4.0	5,688	-56.0	---	24.0	On
EW-4004	1.7	1.8	2,469	-8.1	16.0	24.0	On
EW-4005	3.7	3.8	5,367	-45.2	---	24.0	On
EW-4006	0.0	0.0	0	3.0	-8.0	0.0	Off
EW-4007	0.0	0.0	0	4.6	-7.8	0.0	Off
EW-4008	0.0	0.0	0	4.1	-3.0	0.0	Off
EW-4009	0.8	0.9	1,192	-17.2	40.4	24.0	On
EW-4010	0.0	0.0	0	5.9	29.0	24.0	On
EW-4011	0.0	0.0	0	6.4	-2.1	0.0	Off
EW-5001	2.1	2.1	2,985	-25.5	---	24.0	On
EW-5002	0.0	0.0	0	4.9	21.1	0.0	Off
EW Totals	**88.2**		**126,804**				

	Value	Total (KGal)	Peak Flow
FIT-100	90 GPM	127.2	93 GPM
FIT-500	134 GPM	124.8	230 GPM
Effluent Temp	99.2 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

December 6, 2015 12AM to December 7, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 6, 2015 12AM to December 7, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,100.7 µS
Outlet Conductivity	CIT-642	731.5 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	79.9 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 7, 2015 12AM to December 8, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.4	2,617	1.5	40.9	23.8	On
EW-2002	0.7	4.4	1,027	6.1	40.1	23.9	On
EW-2003	1.1	3.9	1,563	5.5	37.6	23.9	On
EW-2004	0.5	3.3	732	6.7	32.2	23.9	On
EW-2005	0.4	2.3	601	7.0	29.7	23.9	On
EW-2006	1.1	3.3	1,537	5.5	26.5	23.9	On
EW-2007	1.7	4.7	2,490	7.6	22.8	23.9	On
EW-2008	0.7	3.8	1,020	3.2	23.1	23.9	On
EW-2009	1.1	2.6	1,666	3.4	23.3	23.9	On
EW-2010	0.3	0.6	284	6.0	22.4	15.8	On
EW-2011	0.3	0.6	329	9.2	20.9	17.2	On
EW-2012	0.0	0.0	0	24.2	4.2	0.0	Off
EW-2013	0.0	0.0	0	23.8	-1.1	0.0	Off
EW-2014	0.0	0.0	0	22.3	11.2	0.0	Off
EW-2015	0.0	0.0	0	21.6	26.4	24.0	On
EW-2016	0.6	0.7	798	10.1	---	22.7	On
EW-2017	1.3	4.1	1,845	12.5	---	24.0	On
EW-2018	0.6	7.5	596	12.7	---	15.2	On
EW-2019	0.0	0.5	201	12.3	---	10.7	Off
EW-2020	0.0	0.5	354	11.3	---	17.8	Off
EW-2021	0.0	3.2	290	11.5	---	14.9	Off
EW-2022	0.4	0.6	479	11.8	---	21.1	On
EW-2023	0.5	0.5	616	11.4	---	24.0	On
EW-2024	0.3	0.5	347	11.0	---	18.0	On
EW-2025	0.9	2.8	1,229	10.8	---	24.0	On
EW-2026	0.7	2.5	1,028	9.4	---	24.0	On
EW-2027	0.8	2.7	1,132	9.3	---	24.0	On
EW-2028	0.8	2.7	1,125	8.9	---	24.0	On
EW-2029	0.9	3.2	1,325	7.5	---	24.0	On
EW-2030	1.4	4.6	2,003	10.2	---	24.0	On
EW-2031	1.4	4.8	2,071	11.1	---	24.0	On
EW-2032	0.5	1.5	727	9.0	---	24.0	On
EW-2033	0.5	1.8	759	9.4	---	24.0	On
EW-2034	0.6	2.1	904	9.1	26.8	24.0	On
EW-2035	1.2	1.8	1,688	6.4	21.1	24.0	On
EW-2036	0.0	0.0	0	23.2	0.2	0.0	Off
EW-2037	0.0	0.0	0	21.8	2.6	0.0	Off
EW-2101	16.6	22.3	23,639	15.0	66.7	23.8	On
EW-2102	13.8	18.0	19,568	14.7	71.3	23.8	On
EW-2103	0.0	0.0	0	21.6	-2.5	0.0	Off
EW-2104	0.0	0.0	0	17.2	0.9	0.0	Off
EW-3001	0.0	0.0	0	4.5	14.6	0.0	Off
EW-3002	0.0	0.0	0	4.4	-8.2	0.0	Off
EW-3003	0.0	0.0	0	4.5	14.0	0.0	Off

Daily Log

December 7, 2015 12AM to December 8, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	292	1.6	---	18.7	Off
EW-3005	3.0	8.0	3,160	-4.2	---	21.8	On
EW-3006	0.0	0.5	2	0.4	---	0.1	Off
EW-3007	1.9	5.4	2,808	-3.7	---	23.9	On
EW-3008	0.6	0.7	773	-0.4	---	23.9	On
EW-3009	3.0	4.0	4,306	-0.6	---	23.9	On
EW-3010	1.2	5.7	1,795	-2.2	---	23.9	On
EW-3011	0.7	3.8	865	0.3	25.3	23.9	On
EW-3012	0.7	5.1	944	-6.2	30.2	23.9	On
EW-3013	1.1	4.6	1,492	-6.4	40.3	23.9	On
EW-3014	0.0	0.5	147	-4.6	46.7	9.3	On
EW-3015	1.2	3.9	1,762	-6.2	54.0	23.9	On
EW-3016	0.9	2.1	1,225	-6.6	63.2	23.9	On
EW-3017	0.2	0.5	274	-4.9	65.6	14.8	On
EW-3018	0.0	0.9	114	-6.3	65.1	2.8	Off
EW-3019	0.9	2.6	1,338	-3.0	66.0	23.9	On
EW-3020	3.7	6.2	5,320	-2.1	40.4	23.9	On
EW-3021	0.0	0.0	0	3.2	-6.7	0.0	Off
EW-3022	0.0	0.0	0	3.2	11.1	0.0	Off
EW-3023	1.8	5.1	2,617	0.6	26.9	23.9	On
EW-3024	0.5	3.9	773	1.1	---	23.9	On
EW-3025	0.0	0.0	0	6.1	18.3	0.0	Off
EW-3026	0.0	0.0	0	7.5	5.3	0.0	Off
EW-3027	1.6	5.8	2,580	0.6	---	23.9	On
EW-4001	0.0	0.0	0	6.3	8.9	0.0	Off
EW-4002	0.0	0.0	0	3.2	13.3	0.0	Off
EW-4003	4.0	7.0	5,706	-56.1	---	23.8	On
EW-4004	1.6	1.8	2,286	-7.2	16.6	23.8	On
EW-4005	3.7	6.6	5,313	-45.1	---	23.8	On
EW-4006	0.0	0.0	0	3.0	-7.6	0.0	Off
EW-4007	0.0	0.0	0	4.6	-8.0	0.0	Off
EW-4008	0.0	0.0	0	4.1	-2.7	0.0	Off
EW-4009	0.8	1.1	1,151	-17.1	41.2	23.8	On
EW-4010	0.0	0.0	0	6.0	28.9	23.8	On
EW-4011	0.0	0.0	0	6.4	-2.6	0.0	Off
EW-5001	2.0	2.2	2,834	-24.4	---	23.8	On
EW-5002	0.0	0.0	0	5.1	21.7	0.0	Off
EW Totals	**88.8**		**126,465**				

	Value	Total (KGal)	Peak Flow
FIT-100	89 GPM	127.1	108 GPM
FIT-500	215 GPM	133.2	230 GPM
Effluent Temp	100.1 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

December 7, 2015 12AM to December 8, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 7, 2015 12AM to December 8, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,103.3 µS
Outlet Conductivity	CIT-642	707.2 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	79.3 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 8, 2015 12AM to December 9, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.8	2,608	1.4	40.5	24.0	On
EW-2002	0.7	0.8	1,017	6.0	39.8	24.0	On
EW-2003	1.1	1.2	1,539	5.6	37.2	24.0	On
EW-2004	0.5	0.6	732	6.9	31.9	24.0	On
EW-2005	0.4	0.5	598	7.3	29.4	24.0	On
EW-2006	1.0	1.1	1,519	5.7	26.1	24.0	On
EW-2007	1.7	1.8	2,489	7.6	22.5	24.0	On
EW-2008	0.7	0.8	1,012	3.2	23.1	24.0	On
EW-2009	1.1	1.2	1,635	3.3	23.3	24.0	On
EW-2010	0.3	0.4	285	5.5	22.3	16.0	On
EW-2011	0.3	0.5	329	8.6	20.8	17.4	On
EW-2012	0.3	3.9	55	11.7	14.1	2.8	On
EW-2013	0.4	6.1	175	18.4	14.2	7.3	On
EW-2014	1.1	5.4	595	13.2	14.3	8.6	On
EW-2015	0.2	1.1	244	11.4	12.3	19.5	Off
EW-2016	0.7	0.8	788	11.8	---	22.5	On
EW-2017	1.3	1.4	1,849	12.8	---	24.0	On
EW-2018	0.9	7.6	892	11.0	---	22.5	On
EW-2019	0.4	0.6	199	12.3	---	10.7	On
EW-2020	0.4	0.5	343	11.8	---	17.7	On
EW-2021	0.0	0.5	288	11.8	---	14.4	Off
EW-2022	0.4	0.6	475	13.1	---	21.1	On
EW-2023	0.4	0.5	633	11.3	---	24.0	On
EW-2024	0.4	0.5	342	10.0	---	18.4	On
EW-2025	1.0	1.2	1,224	11.0	---	24.0	On
EW-2026	0.8	1.0	1,022	9.5	---	24.0	On
EW-2027	0.9	1.1	1,127	9.4	---	24.0	On
EW-2028	0.9	1.1	1,114	8.9	---	24.0	On
EW-2029	1.0	1.2	1,321	7.5	---	24.0	On
EW-2030	1.4	1.6	1,996	10.5	---	24.0	On
EW-2031	1.4	1.6	2,057	11.4	---	24.0	On
EW-2032	0.7	0.8	725	9.0	---	24.0	On
EW-2033	0.7	1.0	757	9.4	---	24.0	On
EW-2034	0.6	0.7	899	9.1	26.1	24.0	On
EW-2035	1.2	1.2	1,687	6.4	20.8	24.0	On
EW-2036	0.7	3.9	387	13.3	23.6	8.3	On
EW-2037	0.7	1.0	343	9.1	25.5	8.1	On
EW-2101	16.6	16.8	23,879	15.0	66.0	24.0	On
EW-2102	13.6	14.0	19,703	14.6	70.7	24.0	On
EW-2103	0.0	5.5	1	21.9	23.8	0.0	Off
EW-2104	33.0	33.4	15,937	15.8	36.9	8.0	On
EW-3001	0.0	4.5	6	2.0	13.9	0.3	Off
EW-3002	0.4	0.6	199	1.8	12.8	8.8	On
EW-3003	0.0	0.0	0	3.8	12.5	0.0	Off

Daily Log

December 8, 2015 12AM to December 9, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	73	1.3	---	7.1	Off
EW-3005	2.7	3.0	4,097	-4.0	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.6	1.9	2,564	-3.5	---	24.0	On
EW-3008	0.0	0.7	570	0.3	---	17.8	Off
EW-3009	3.1	3.1	4,346	-1.2	---	24.0	On
EW-3010	1.0	1.4	1,622	-1.9	---	24.0	On
EW-3011	0.5	0.8	800	0.5	24.6	24.0	On
EW-3012	0.6	0.8	927	-5.9	29.7	24.0	On
EW-3013	1.0	1.2	1,476	-6.2	39.7	24.0	On
EW-3014	0.0	0.4	144	-3.7	46.2	9.2	Off
EW-3015	1.2	1.4	1,755	-6.1	53.4	24.0	On
EW-3016	0.8	1.0	1,221	-6.5	62.6	24.0	On
EW-3017	0.3	0.5	276	-7.2	64.5	15.1	On
EW-3018	0.0	0.9	114	-6.1	64.3	2.8	Off
EW-3019	0.9	1.1	1,332	-3.0	65.0	24.0	On
EW-3020	3.7	3.7	5,327	-2.2	40.2	24.0	On
EW-3021	0.4	2.3	147	0.6	22.3	7.4	On
EW-3022	0.8	5.8	406	-2.4	29.6	8.5	On
EW-3023	1.7	1.8	2,524	0.6	26.3	24.0	On
EW-3024	0.6	0.9	698	1.1	---	24.0	On
EW-3025	2.2	2.9	1,176	-1.3	32.0	8.4	On
EW-3026	2.6	4.2	1,355	-2.9	32.8	8.4	On
EW-3027	0.0	1.7	1,464	0.4	---	16.9	Off
EW-4001	3.1	3.2	1,536	0.6	24.2	8.3	On
EW-4002	2.4	7.1	1,315	-47.0	14.5	8.8	On
EW-4003	3.9	4.1	5,689	-55.9	---	24.0	On
EW-4004	1.7	1.8	2,312	-8.8	16.2	24.0	On
EW-4005	3.5	3.8	5,242	-44.9	---	24.0	On
EW-4006	1.5	7.4	843	-50.9	26.9	8.6	On
EW-4007	1.0	1.2	524	-1.4	30.8	8.5	On
EW-4008	2.9	3.0	1,361	-7.6	25.1	7.8	On
EW-4009	0.8	0.9	1,184	-19.1	40.6	24.0	On
EW-4010	2.1	2.8	1,042	3.2	36.6	23.0	On
EW-4011	2.0	2.4	1,013	-14.7	35.9	8.2	On
EW-5001	2.1	2.2	2,884	-25.6	---	24.0	On
EW-5002	0.0	0.0	0	5.1	21.3	0.0	Off
EW Totals	**145.4**		**154,384**				

	Value	Total (KGal)	Peak Flow
FIT-100	145 GPM	154.8	153 GPM
FIT-500	0 GPM	143.3	272 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.3		

Recharge and Injection Daily Report

December 8, 2015 12AM to December 9, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	26 GPM	0.0
RC-7003	FIT-665	28 GPM	13.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 8, 2015 12AM to December 9, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	94 GPM	18.1
Permeate Flow	FIT-642	73 GPM	13.0
Concentrate Flow	FIT-643	20 GPM	4.7

Inlet Conductivity	CIT-630	1,113.1 µS
Outlet Conductivity	CIT-642	26.6 µS
Hours Run		3.0 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	98.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 9, 2015 12AM to December 10, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.1	1,863	1.4	40.0	17.1	On
EW-2002	0.7	5.3	755	5.9	39.3	17.1	On
EW-2003	1.1	3.9	1,155	5.3	36.5	17.1	On
EW-2004	0.6	4.7	549	6.7	30.9	17.0	On
EW-2005	0.4	3.0	444	7.1	28.8	17.0	On
EW-2006	1.0	3.8	1,011	6.5	25.7	16.5	On
EW-2007	1.8	4.9	1,798	7.4	22.1	16.9	On
EW-2008	0.7	3.9	750	3.1	21.7	17.0	On
EW-2009	1.1	4.3	1,176	3.2	21.8	17.1	On
EW-2010	0.0	4.4	212	6.2	21.0	11.4	Off
EW-2011	0.0	0.7	245	9.2	19.4	12.4	Off
EW-2012	0.0	5.7	110	12.3	13.4	6.0	Off
EW-2013	0.4	5.6	315	17.3	13.5	13.9	On
EW-2014	1.1	5.5	1,167	13.0	14.3	17.1	On
EW-2015	0.9	1.1	469	13.2	12.3	8.9	On
EW-2016	0.6	1.0	561	10.0	---	15.8	On
EW-2017	1.3	4.3	1,342	12.5	---	17.1	On
EW-2018	0.7	7.6	721	10.9	---	17.1	On
EW-2019	0.0	0.5	150	12.3	---	7.8	Off
EW-2020	0.3	0.5	251	12.1	---	12.9	On
EW-2021	0.0	0.4	210	13.5	---	11.0	Off
EW-2022	0.4	0.6	356	11.1	---	15.8	On
EW-2023	0.4	0.5	418	11.4	---	17.1	On
EW-2024	0.3	0.5	250	10.9	---	12.7	On
EW-2025	0.9	7.4	907	10.8	---	17.1	On
EW-2026	0.7	7.5	757	9.4	---	17.1	On
EW-2027	0.8	7.5	831	9.3	---	17.1	On
EW-2028	0.8	7.4	819	8.8	---	17.1	On
EW-2029	0.9	7.5	969	7.4	---	17.1	On
EW-2030	1.4	7.4	1,451	10.2	---	17.1	On
EW-2031	1.5	7.7	1,511	11.1	---	17.1	On
EW-2032	0.5	7.1	539	8.9	---	17.1	On
EW-2033	0.5	3.6	556	9.4	---	17.1	On
EW-2034	0.6	4.2	654	9.0	25.7	17.1	On
EW-2035	1.2	1.9	1,213	6.3	20.5	17.1	On
EW-2036	0.7	3.8	764	13.1	23.8	17.0	On
EW-2037	0.7	1.4	727	8.2	26.0	17.1	On
EW-2101	15.7	18.1	16,512	15.3	64.1	17.1	On
EW-2102	13.9	14.8	14,026	14.6	69.4	17.1	On
EW-2103	0.0	0.0	0	22.0	23.8	0.0	Off
EW-2104	33.1	33.4	33,870	15.5	37.1	17.1	On
EW-3001	0.0	0.5	30	2.2	13.3	1.4	Off
EW-3002	0.4	0.6	360	1.5	12.4	15.9	On
EW-3003	0.0	0.9	23	3.8	12.3	1.1	Off

Daily Log

December 9, 2015 12AM to December 10, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	29	1.2	---	1.8	Off
EW-3005	2.8	8.2	2,919	-4.1	---	17.0	On
EW-3006	0.0	0.5	15	0.4	---	0.7	Off
EW-3007	1.7	5.9	1,822	-3.6	---	17.0	On
EW-3008	0.5	0.9	229	-0.7	---	8.0	On
EW-3009	3.0	3.3	3,086	-1.2	---	17.0	On
EW-3010	1.2	5.9	1,208	-2.2	---	17.0	On
EW-3011	0.6	6.0	642	0.4	24.2	17.0	On
EW-3012	0.6	5.4	691	-6.1	29.1	17.0	On
EW-3013	1.0	4.8	1,084	-6.4	39.0	17.1	On
EW-3014	0.3	0.5	123	-4.1	45.3	7.3	On
EW-3015	1.2	4.0	1,294	-6.2	52.2	17.1	On
EW-3016	0.8	2.2	906	-6.6	61.0	17.0	On
EW-3017	0.3	0.6	212	-5.0	62.6	11.1	On
EW-3018	0.0	0.9	103	-6.9	62.4	2.4	Off
EW-3019	0.9	2.6	982	-2.9	63.4	17.0	On
EW-3020	3.8	6.0	3,861	-2.2	39.6	17.1	On
EW-3021	0.4	5.4	297	-0.3	21.3	14.3	On
EW-3022	0.0	5.6	850	1.1	27.7	16.4	Off
EW-3023	1.7	5.2	1,807	0.5	25.8	17.0	On
EW-3024	0.4	7.7	463	1.2	---	17.0	On
EW-3025	2.3	2.6	2,340	-1.0	30.0	17.0	On
EW-3026	2.7	4.2	2,783	-2.7	30.8	17.0	On
EW-3027	0.0	0.5	113	0.5	---	4.3	Off
EW-4001	3.1	3.3	3,158	0.1	24.5	17.0	On
EW-4002	2.3	6.9	2,461	-47.2	13.9	17.0	On
EW-4003	4.1	7.5	4,168	-56.0	---	17.0	On
EW-4004	1.5	1.8	1,625	-7.6	15.9	17.0	On
EW-4005	3.7	6.9	3,706	-45.2	---	17.0	On
EW-4006	1.5	5.9	1,628	-51.1	25.3	17.0	On
EW-4007	1.0	1.2	1,073	-1.4	28.8	17.0	On
EW-4008	2.9	3.2	2,975	-8.2	25.2	17.0	On
EW-4009	0.8	0.9	816	-18.4	39.9	17.0	On
EW-4010	2.4	2.7	2,277	2.6	38.7	17.0	On
EW-4011	2.0	2.2	2,071	-15.0	37.9	17.0	On
EW-5001	1.9	2.1	2,027	-22.1	---	17.0	On
EW-5002	0.0	0.4	0	5.7	21.1	0.0	Off
EW Totals	**143.8**		**148,642**				

	Value	Total (KGal)	Peak Flow
FIT-100	143 GPM	148.0	196 GPM
FIT-500	200 GPM	119.2	273 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

December 9, 2015 12AM to December 10, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	30.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 9, 2015 12AM to December 10, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	98 GPM	45.1
Permeate Flow	FIT-642	72 GPM	32.8
Concentrate Flow	FIT-643	25 GPM	11.5

Inlet Conductivity	CIT-630	1,003.8 µS
Outlet Conductivity	CIT-642	26.6 µS
Hours Run		7.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 10, 2015 12AM to December 11, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.0	2,140	1.4	40.3	19.4	On
EW-2002	0.7	4.4	871	6.0	39.7	19.5	On
EW-2003	1.1	3.6	1,352	5.4	37.1	19.5	On
EW-2004	0.5	3.9	642	6.8	31.7	19.4	On
EW-2005	0.4	2.5	504	7.1	29.7	19.5	On
EW-2006	0.9	1.1	1,119	6.9	26.9	19.5	On
EW-2007	1.7	4.7	2,072	7.6	23.7	19.5	On
EW-2008	0.7	4.0	873	3.2	24.1	19.6	On
EW-2009	1.1	4.3	1,354	3.4	24.2	19.6	On
EW-2010	0.3	1.8	245	5.2	23.4	13.4	On
EW-2011	0.3	1.6	284	8.4	21.8	14.6	On
EW-2012	0.0	0.5	146	11.4	14.4	8.0	Off
EW-2013	0.3	0.8	407	18.3	14.4	18.1	On
EW-2014	1.0	2.0	1,606	13.2	15.6	24.0	On
EW-2015	0.0	1.1	643	11.7	13.5	12.2	Off
EW-2016	0.5	1.0	781	10.3	---	21.9	On
EW-2017	1.2	1.9	1,876	12.7	---	24.0	On
EW-2018	0.7	2.3	977	11.3	---	24.0	On
EW-2019	0.3	0.5	196	13.1	---	10.1	On
EW-2020	0.3	0.7	345	11.9	---	17.4	On
EW-2021	0.0	0.6	291	13.9	---	15.1	Off
EW-2022	0.3	0.9	498	13.0	---	22.3	On
EW-2023	0.3	0.7	576	11.4	---	24.0	On
EW-2024	0.3	0.9	348	10.0	---	17.2	On
EW-2025	0.8	2.3	1,240	11.2	---	24.0	On
EW-2026	0.7	2.2	1,030	9.8	---	24.0	On
EW-2027	0.8	2.2	1,133	9.7	---	24.0	On
EW-2028	0.8	2.2	1,116	9.2	---	24.0	On
EW-2029	0.9	2.2	1,328	7.8	---	24.0	On
EW-2030	1.3	2.6	2,002	10.4	---	24.0	On
EW-2031	1.3	2.6	2,111	11.3	---	24.0	On
EW-2032	0.5	2.0	729	9.3	---	24.0	On
EW-2033	0.5	1.9	756	9.7	---	24.0	On
EW-2034	0.6	4.0	749	9.0	20.7	19.6	On
EW-2035	1.2	1.6	1,388	6.4	21.9	19.6	On
EW-2036	0.6	1.2	1,003	13.2	25.0	24.0	On
EW-2037	0.8	1.1	1,161	6.1	27.5	24.0	On
EW-2101	16.6	23.9	19,867	15.1	35.1	19.7	On
EW-2102	17.8	18.7	18,999	13.6	46.3	19.7	On
EW-2103	0.0	0.0	0	21.9	25.3	0.0	Off
EW-2104	32.9	33.5	47,596	15.1	38.3	24.0	On
EW-3001	0.0	0.0	0	1.8	14.3	0.0	Off
EW-3002	0.0	0.7	293	2.7	13.4	14.2	Off
EW-3003	0.0	0.0	0	3.8	13.4	0.0	Off

Daily Log

December 10, 2015 12AM to December 11, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.6	3.9	3,928	-4.0	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	2.6	2,409	-3.4	---	24.0	On
EW-3008	0.0	1.5	266	0.1	---	8.4	Off
EW-3009	3.0	3.2	4,363	-1.4	---	24.0	On
EW-3010	1.0	2.3	1,731	-2.0	---	24.0	On
EW-3011	0.3	7.0	634	0.5	19.3	19.6	On
EW-3012	0.5	6.0	780	-5.8	21.2	19.6	On
EW-3013	1.0	5.9	1,243	-6.2	24.8	19.7	On
EW-3014	0.0	0.6	135	-3.9	27.3	8.1	Off
EW-3015	1.2	5.7	1,478	-6.0	30.0	19.7	On
EW-3016	0.8	3.5	1,045	-6.5	33.1	19.7	On
EW-3017	0.0	1.1	242	-5.2	33.5	12.6	Off
EW-3018	0.0	1.5	116	-7.8	33.5	2.8	Off
EW-3019	1.0	3.8	1,151	-3.0	34.2	19.7	On
EW-3020	3.7	6.8	4,463	-2.2	40.1	19.6	On
EW-3021	0.3	0.6	375	-0.1	23.2	19.0	On
EW-3022	0.7	5.3	770	-2.4	30.5	15.7	On
EW-3023	1.6	5.4	1,966	0.5	20.3	19.6	On
EW-3024	0.3	2.3	536	1.5	---	24.0	On
EW-3025	2.2	2.5	3,269	-1.3	32.6	24.0	On
EW-3026	2.6	3.0	3,776	-2.8	33.3	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	3.1	3.3	4,509	-1.5	25.6	24.0	On
EW-4002	2.2	3.2	3,306	-46.9	14.8	24.0	On
EW-4003	4.0	4.8	5,891	-56.1	---	24.0	On
EW-4004	1.4	2.9	1,758	-8.7	17.5	19.6	On
EW-4005	3.4	4.3	5,123	-44.9	---	24.0	On
EW-4006	1.5	2.2	2,196	-50.8	27.7	24.0	On
EW-4007	1.0	1.2	1,464	-3.0	31.5	24.0	On
EW-4008	3.1	3.3	4,350	-11.5	26.6	24.0	On
EW-4009	0.8	0.9	928	-20.1	26.4	19.4	On
EW-4010	2.3	2.4	3,384	1.3	41.7	24.0	On
EW-4011	2.2	2.3	3,058	-18.8	41.1	24.0	On
EW-5001	2.0	2.4	2,927	-25.6	---	24.0	On
EW-5002	0.0	0.3	0	5.2	22.5	0.0	Off
EW Totals	**144.2**		**196,217**				

	Value	Total (KGal)	Peak Flow
FIT-100	143 GPM	195.2	190 GPM
FIT-500	195 GPM	157.8	274 GPM
Effluent Temp	97.9 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

December 10, 2015 12AM to December 11, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	41.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 10, 2015 12AM to December 11, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	58.6
Permeate Flow	FIT-642	0 GPM	42.8
Concentrate Flow	FIT-643	0 GPM	14.8

Inlet Conductivity	CIT-630	1,002.0 µS
Outlet Conductivity	CIT-642	70.6 µS
Hours Run		10.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 11, 2015 12AM to December 12, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.7	2,209	1.4	40.1	20.1	On
EW-2002	0.7	5.3	917	6.0	39.4	20.2	On
EW-2003	1.1	4.3	1,408	5.4	36.6	20.2	On
EW-2004	0.5	4.4	663	6.8	31.1	20.2	On
EW-2005	0.4	3.0	534	7.1	29.3	20.3	On
EW-2006	0.7	1.1	1,010	8.7	26.2	20.2	On
EW-2007	1.8	5.3	2,166	7.5	23.1	20.2	On
EW-2008	0.7	4.3	918	3.1	22.6	20.3	On
EW-2009	1.1	4.5	1,415	3.2	22.7	20.3	On
EW-2010	0.0	0.6	254	5.9	21.8	13.9	Off
EW-2011	0.0	0.6	296	8.8	20.3	15.1	Off
EW-2012	0.3	0.6	128	12.5	13.7	7.3	On
EW-2013	0.3	0.6	384	19.0	13.7	17.4	On
EW-2014	1.1	5.5	1,568	13.0	14.5	23.3	On
EW-2015	0.5	3.7	655	11.7	12.4	18.6	On
EW-2016	0.6	0.7	754	10.9	---	21.5	On
EW-2017	1.3	4.3	1,837	12.7	---	23.3	On
EW-2018	0.7	7.5	961	10.9	---	23.3	On
EW-2019	0.0	0.5	197	12.2	---	10.2	Off
EW-2020	0.3	0.5	340	11.7	---	17.3	On
EW-2021	0.3	0.5	291	11.4	---	15.2	On
EW-2022	0.4	0.7	482	11.4	---	21.3	On
EW-2023	0.4	0.5	552	11.4	---	23.3	On
EW-2024	0.0	0.6	338	11.1	---	17.1	On
EW-2025	0.9	7.3	1,219	10.8	---	23.3	On
EW-2026	0.7	7.3	1,015	9.4	---	23.3	On
EW-2027	0.8	7.2	1,117	9.3	---	23.3	On
EW-2028	0.8	7.2	1,098	8.8	---	23.3	On
EW-2029	0.9	7.3	1,304	7.4	---	23.3	On
EW-2030	1.4	7.3	1,961	10.2	---	23.3	On
EW-2031	1.5	7.5	2,062	11.1	---	23.3	On
EW-2032	0.5	6.9	721	8.9	---	23.3	On
EW-2033	0.5	3.5	745	9.4	---	23.3	On
EW-2034	0.6	4.2	788	9.0	20.8	20.4	On
EW-2035	1.2	1.9	1,447	6.4	21.7	20.3	On
EW-2036	0.7	4.1	950	13.1	24.1	23.1	On
EW-2037	0.8	1.3	1,052	7.4	26.2	23.3	On
EW-2101	18.9	26.9	22,499	15.1	37.5	20.6	On
EW-2102	18.1	60.6	22,282	13.3	47.1	20.5	On
EW-2103	0.0	0.0	0	21.9	24.2	0.0	Off
EW-2104	33.1	33.5	46,141	14.9	37.4	23.3	On
EW-3001	0.0	0.5	1	1.5	13.5	0.1	Off
EW-3002	0.0	0.5	93	2.5	12.5	4.5	Off
EW-3003	0.0	0.4	1	3.8	12.4	0.1	Off

Daily Log

December 11, 2015 12AM to December 12, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	6	1.3	---	0.4	Off
EW-3005	2.7	7.6	3,922	-3.9	---	23.2	On
EW-3006	0.0	0.6	3	0.4	---	0.2	Off
EW-3007	1.6	5.6	2,301	-3.7	---	23.2	On
EW-3008	0.0	0.8	78	0.0	---	2.6	Off
EW-3009	3.0	3.3	4,191	-1.5	---	23.2	On
EW-3010	1.1	5.8	1,638	-2.1	---	23.2	On
EW-3011	0.4	7.1	623	0.3	19.5	20.3	On
EW-3012	0.6	6.1	821	-6.1	21.6	20.3	On
EW-3013	1.0	5.9	1,312	-6.4	25.8	20.4	On
EW-3014	0.3	0.5	138	-3.6	28.7	8.1	On
EW-3015	1.2	5.8	1,548	-6.2	31.9	20.4	On
EW-3016	0.8	3.3	1,090	-6.4	35.3	20.4	On
EW-3017	0.3	0.6	256	-7.3	36.3	13.3	On
EW-3018	0.7	1.0	117	-6.4	36.3	2.9	On
EW-3019	0.9	4.4	1,227	-2.9	37.0	20.4	On
EW-3020	3.8	6.7	4,675	-2.2	39.8	20.2	On
EW-3021	0.0	0.6	306	0.8	21.9	16.1	Off
EW-3022	0.8	5.4	1,080	-2.5	29.4	23.2	On
EW-3023	1.6	5.4	2,020	0.5	20.5	20.3	On
EW-3024	0.4	7.5	540	1.1	---	23.2	On
EW-3025	2.2	2.9	3,081	-1.3	31.6	23.2	On
EW-3026	2.6	4.2	3,657	-2.9	32.4	23.2	On
EW-3027	0.0	0.6	18	0.1	---	0.8	Off
EW-4001	3.1	3.3	4,286	-2.0	24.6	23.0	On
EW-4002	2.2	6.9	3,196	-47.1	14.0	23.0	On
EW-4003	4.1	7.4	5,764	-56.0	---	23.0	On
EW-4004	1.6	1.8	1,858	-9.6	16.8	20.1	On
EW-4005	3.5	6.9	5,079	-45.0	---	23.0	On
EW-4006	1.5	6.2	2,167	-51.1	26.6	23.0	On
EW-4007	1.1	1.1	1,418	-3.4	30.5	23.0	On
EW-4008	2.9	3.1	4,007	-10.5	25.5	23.0	On
EW-4009	0.8	1.0	944	-20.1	27.3	20.1	On
EW-4010	2.4	2.6	3,266	1.1	39.5	23.0	On
EW-4011	2.0	2.3	2,826	-16.6	38.8	23.0	On
EW-5001	2.0	2.2	2,729	-24.6	---	23.0	On
EW-5002	0.0	0.2	0	5.1	22.0	0.0	Off
EW Totals	**149.6**		**198,963**				

	Value	Total (KGal)	Peak Flow
FIT-100	149 GPM	198.0	181 GPM
FIT-500	225 GPM	164.4	270 GPM
Effluent Temp	97.0 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

December 11, 2015 12AM to December 12, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	28 GPM	36.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 11, 2015 12AM to December 12, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	52.5
Permeate Flow	FIT-642	0 GPM	38.2
Concentrate Flow	FIT-643	0 GPM	13.3

Inlet Conductivity	CIT-630	1,053.5 µS
Outlet Conductivity	CIT-642	105.6 µS
Hours Run		8.9 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 12, 2015 12AM to December 13, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.8	2,611	1.5	39.7	24.0	On
EW-2002	0.7	0.8	1,047	6.0	39.0	24.0	On
EW-2003	1.1	1.1	1,584	5.7	36.2	24.0	On
EW-2004	0.5	0.6	750	6.8	30.8	24.0	On
EW-2005	0.4	0.5	600	7.3	28.9	24.0	On
EW-2006	0.7	0.7	981	9.1	25.9	24.0	On
EW-2007	1.8	1.8	2,514	7.6	22.8	24.0	On
EW-2008	0.7	0.8	1,039	3.0	22.4	24.0	On
EW-2009	1.1	1.2	1,654	3.2	22.5	24.0	On
EW-2010	0.0	0.3	282	5.6	21.7	15.8	Off
EW-2011	0.0	0.4	331	8.3	20.0	17.3	Off
EW-2012	0.3	0.5	152	11.3	13.6	8.5	On
EW-2013	0.4	0.5	376	17.4	13.7	17.6	On
EW-2014	1.1	1.1	1,589	13.0	14.5	24.0	On
EW-2015	0.5	0.7	685	11.7	12.4	24.0	On
EW-2016	0.6	0.7	769	10.9	---	21.7	On
EW-2017	1.3	1.3	1,858	12.7	---	24.0	On
EW-2018	0.7	0.9	972	10.9	---	24.0	On
EW-2019	0.3	0.5	196	12.3	---	10.3	On
EW-2020	0.4	0.4	344	10.6	---	17.5	On
EW-2021	0.0	0.4	289	12.7	---	15.2	Off
EW-2022	0.4	0.6	491	11.1	---	21.4	On
EW-2023	0.4	0.4	577	11.4	---	24.0	On
EW-2024	0.0	0.5	341	10.4	---	17.3	Off
EW-2025	0.9	1.0	1,232	10.8	---	24.0	On
EW-2026	0.7	0.9	1,024	9.4	---	24.0	On
EW-2027	0.8	1.0	1,128	9.3	---	24.0	On
EW-2028	0.8	1.0	1,112	8.8	---	24.0	On
EW-2029	0.9	1.1	1,322	7.4	---	24.0	On
EW-2030	1.4	1.5	1,997	10.2	---	24.0	On
EW-2031	1.5	1.5	2,091	11.1	---	24.0	On
EW-2032	0.5	0.7	726	8.9	---	24.0	On
EW-2033	0.5	0.7	757	9.4	---	24.0	On
EW-2034	0.6	0.7	894	9.1	20.8	24.0	On
EW-2035	1.2	1.2	1,688	6.4	21.5	24.0	On
EW-2036	0.7	0.7	930	13.2	24.0	24.0	On
EW-2037	0.8	0.8	1,118	7.5	26.2	24.0	On
EW-2101	18.0	19.0	26,659	15.0	37.3	24.0	On
EW-2102	18.0	18.4	26,052	13.1	47.1	24.0	On
EW-2103	0.0	0.0	0	21.9	24.2	0.0	Off
EW-2104	33.0	33.2	47,581	14.8	37.3	24.0	On
EW-3001	0.0	0.0	0	1.5	13.5	0.0	Off
EW-3002	0.0	0.0	0	2.4	12.4	0.0	Off
EW-3003	0.0	0.0	0	3.8	12.3	0.0	Off

Daily Log

December 12, 2015 12AM to December 13, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.6	2.7	3,829	-3.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.6	1.6	2,247	-3.6	---	24.0	On
EW-3008	0.0	0.0	0	0.0	---	0.0	Off
EW-3009	3.0	3.0	4,356	-1.6	---	24.0	On
EW-3010	1.1	1.1	1,548	-2.2	---	24.0	On
EW-3011	0.5	0.6	679	0.3	19.5	24.0	On
EW-3012	0.6	0.8	912	-6.1	21.6	24.0	On
EW-3013	1.0	1.2	1,481	-6.4	25.8	24.0	On
EW-3014	0.3	0.4	141	-3.6	28.7	8.7	On
EW-3015	1.2	1.4	1,739	-6.1	32.0	24.0	On
EW-3016	0.8	0.9	1,212	-6.4	35.1	24.0	On
EW-3017	0.3	0.5	269	-7.5	36.2	14.3	On
EW-3018	0.7	0.9	118	-6.1	36.3	3.0	On
EW-3019	0.9	1.1	1,377	-2.8	37.3	24.0	On
EW-3020	3.8	3.8	5,449	-2.2	39.3	24.0	On
EW-3021	0.0	0.4	257	0.5	21.9	14.1	Off
EW-3022	0.8	0.8	1,042	-2.5	29.2	24.0	On
EW-3023	1.6	1.6	2,282	0.6	20.5	24.0	On
EW-3024	0.4	0.7	514	1.1	---	24.0	On
EW-3025	2.2	2.2	3,121	-1.3	31.4	24.0	On
EW-3026	2.6	2.6	3,706	-2.8	32.2	24.0	On
EW-3027	0.0	0.0	0	0.1	---	0.0	Off
EW-4001	3.1	3.2	4,483	-2.4	24.5	24.0	On
EW-4002	2.2	2.4	3,248	-47.2	13.9	24.0	On
EW-4003	4.0	4.1	5,821	-56.0	---	24.0	On
EW-4004	1.6	1.6	2,261	-9.8	16.5	24.0	On
EW-4005	3.5	3.6	5,066	-45.0	---	24.0	On
EW-4006	1.5	1.6	2,179	-51.1	26.4	24.0	On
EW-4007	1.1	1.1	1,482	-3.7	30.4	24.0	On
EW-4008	2.9	2.9	4,182	-10.8	25.5	24.0	On
EW-4009	0.8	0.9	1,190	-21.1	27.3	24.0	On
EW-4010	2.4	2.4	3,388	0.8	39.5	24.0	On
EW-4011	2.0	2.1	2,936	-16.9	38.7	24.0	On
EW-5001	2.0	2.0	2,882	-24.8	---	24.0	On
EW-5002	0.0	0.0	0	4.9	21.9	0.0	Off
EW Totals	**148.3**		**213,737**				

	Value	Total (KGal)	Peak Flow
FIT-100	147 GPM	212.7	153 GPM
FIT-500	197 GPM	183.5	275 GPM
Effluent Temp	97.9 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

December 12, 2015 12AM to December 13, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	28 GPM	0.0
RC-7003	FIT-665	29 GPM	32.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 12, 2015 12AM to December 13, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	47.7
Permeate Flow	FIT-642	0 GPM	34.7
Concentrate Flow	FIT-643	0 GPM	12.1

Inlet Conductivity	CIT-630	1,039.7 µS
Outlet Conductivity	CIT-642	55.6 µS
Hours Run		8.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 13, 2015 12AM to December 14, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.1	2,576	1.4	40.1	23.9	On
EW-2002	0.7	5.2	1,034	5.9	39.4	23.9	On
EW-2003	1.1	3.9	1,593	5.5	36.6	23.9	On
EW-2004	0.5	3.7	734	6.8	31.1	23.9	On
EW-2005	0.4	2.4	590	7.1	29.2	23.9	On
EW-2006	0.9	1.0	1,263	6.6	26.3	23.9	On
EW-2007	1.8	5.1	2,489	7.5	22.9	23.9	On
EW-2008	0.7	4.0	1,032	3.0	22.3	23.9	On
EW-2009	1.1	2.6	1,642	3.2	22.4	23.9	On
EW-2010	0.0	0.6	280	5.8	21.6	15.6	Off
EW-2011	0.0	0.6	330	8.6	20.1	17.1	Off
EW-2012	0.3	0.5	155	13.4	13.8	8.6	On
EW-2013	0.4	0.6	363	17.9	13.8	17.3	On
EW-2014	1.1	5.1	1,565	13.0	14.6	23.9	On
EW-2015	0.5	3.0	677	11.7	12.5	23.9	On
EW-2016	0.6	0.8	768	10.4	---	21.7	On
EW-2017	1.3	4.3	1,830	12.7	---	23.9	On
EW-2018	0.6	4.2	963	11.0	---	23.9	On
EW-2019	0.0	0.5	194	13.2	---	10.1	Off
EW-2020	0.4	0.4	341	10.8	---	17.3	On
EW-2021	0.3	0.4	285	12.2	---	14.9	On
EW-2022	0.4	0.7	487	11.2	---	22.0	On
EW-2023	0.4	0.5	557	11.3	---	23.9	On
EW-2024	0.0	0.6	340	10.2	---	16.7	Off
EW-2025	0.9	4.6	1,218	10.8	---	23.9	On
EW-2026	0.7	4.3	1,015	9.4	---	23.9	On
EW-2027	0.8	4.9	1,119	9.3	---	23.9	On
EW-2028	0.8	4.6	1,104	8.8	---	23.9	On
EW-2029	0.9	5.1	1,314	7.4	---	23.9	On
EW-2030	1.4	7.2	1,981	10.2	---	23.9	On
EW-2031	1.4	7.5	2,066	11.1	---	23.9	On
EW-2032	0.5	3.1	723	8.9	---	23.9	On
EW-2033	0.5	3.0	752	9.4	---	23.9	On
EW-2034	0.6	3.6	886	8.8	20.9	23.9	On
EW-2035	1.2	1.8	1,678	6.4	21.3	23.9	On
EW-2036	0.7	4.4	916	13.1	24.0	23.9	On
EW-2037	0.8	1.3	1,089	7.8	26.4	23.9	On
EW-2101	17.6	18.7	25,415	15.0	36.3	23.9	On
EW-2102	18.0	18.8	25,742	12.8	46.6	23.9	On
EW-2103	0.0	0.0	0	21.8	24.4	0.0	Off
EW-2104	33.1	33.5	47,355	14.6	37.4	23.9	On
EW-3001	0.0	0.0	0	1.5	13.6	0.0	Off
EW-3002	0.0	0.0	0	2.5	12.5	0.0	Off
EW-3003	0.0	0.0	0	3.8	12.4	0.0	Off

Daily Log

December 13, 2015 12AM to December 14, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.3	0	1.2	---	0.0	Off
EW-3005	2.6	6.2	3,823	-3.9	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	5.3	2,197	-3.6	---	23.9	On
EW-3008	0.0	0.6	12	0.1	---	0.4	Off
EW-3009	3.0	3.1	4,312	-1.5	---	23.9	On
EW-3010	1.0	5.7	1,464	-2.2	---	23.9	On
EW-3011	0.5	0.6	652	0.4	19.5	23.9	On
EW-3012	0.6	5.7	906	-6.2	21.6	23.9	On
EW-3013	1.1	5.4	1,469	-6.3	25.7	23.9	On
EW-3014	0.0	0.5	140	-4.0	28.4	8.7	Off
EW-3015	1.2	5.2	1,731	-6.0	31.6	23.9	On
EW-3016	0.8	3.1	1,204	-6.6	34.6	23.9	On
EW-3017	0.3	0.6	265	-5.1	35.5	14.1	On
EW-3018	0.0	0.9	117	-5.7	35.2	2.9	Off
EW-3019	1.0	3.7	1,364	-3.2	36.0	23.9	On
EW-3020	3.8	6.2	5,401	-2.2	39.7	23.9	On
EW-3021	0.3	0.5	259	0.5	22.3	14.2	On
EW-3022	0.7	5.2	1,036	-2.5	29.5	23.9	On
EW-3023	1.6	5.3	2,256	0.6	20.5	23.9	On
EW-3024	0.4	2.9	504	1.1	---	23.9	On
EW-3025	2.1	2.8	3,073	-1.3	31.7	23.9	On
EW-3026	2.6	4.3	3,701	-2.8	32.4	23.9	On
EW-3027	0.0	0.5	4	0.1	---	0.2	Off
EW-4001	3.0	3.2	4,366	-2.6	24.6	23.8	On
EW-4002	2.2	6.4	3,229	-47.1	14.1	23.8	On
EW-4003	4.0	6.9	5,800	-56.1	---	23.8	On
EW-4004	1.6	1.6	2,168	-9.4	16.6	23.8	On
EW-4005	3.5	6.6	5,106	-45.0	---	23.8	On
EW-4006	1.5	5.3	2,152	-51.2	26.8	23.8	On
EW-4007	1.0	1.2	1,491	-3.8	30.6	23.8	On
EW-4008	2.9	3.0	4,093	-10.6	25.6	23.8	On
EW-4009	0.8	0.9	1,140	-20.9	27.3	23.8	On
EW-4010	2.4	2.6	3,395	0.6	39.8	23.8	On
EW-4011	2.0	2.1	2,905	-17.5	39.2	23.8	On
EW-5001	1.9	2.0	2,739	-23.3	---	23.8	On
EW-5002	0.0	0.3	0	5.0	21.8	0.0	Off
EW Totals	**147.3**		**210,936**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	210.2	167 GPM
FIT-500	202 GPM	176.8	274 GPM
Effluent Temp	97.9 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

December 13, 2015 12AM to December 14, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	34.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 13, 2015 12AM to December 14, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	50.8
Permeate Flow	FIT-642	0 GPM	37.1
Concentrate Flow	FIT-643	0 GPM	12.7

Inlet Conductivity	CIT-630	1,009.8 µS
Outlet Conductivity	CIT-642	73.8 µS
Hours Run		8.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.9 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 14, 2015 12AM to December 15, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.8	2,538	1.6	40.6	24.0	On
EW-2002	0.7	0.8	1,023	6.1	39.9	24.0	On
EW-2003	1.1	1.3	1,549	5.7	37.3	24.0	On
EW-2004	0.5	0.8	729	7.0	32.0	24.0	On
EW-2005	0.4	0.6	586	7.3	30.1	24.0	On
EW-2006	0.8	1.0	1,214	7.9	27.3	24.0	On
EW-2007	1.7	1.9	2,479	7.6	24.2	24.0	On
EW-2008	0.7	0.9	1,028	3.2	24.7	24.0	On
EW-2009	1.1	1.2	1,638	3.4	24.8	24.0	On
EW-2010	0.3	0.4	278	6.4	24.0	15.6	On
EW-2011	0.3	0.5	329	9.2	22.5	17.3	On
EW-2012	0.0	0.4	129	13.4	13.5	7.4	Off
EW-2013	0.4	0.5	356	18.2	13.5	16.7	On
EW-2014	1.1	1.2	1,554	13.2	14.6	24.0	On
EW-2015	0.6	0.7	673	11.9	12.6	24.0	On
EW-2016	0.7	0.7	760	10.6	---	21.6	On
EW-2017	1.3	1.3	1,818	12.7	---	24.0	On
EW-2018	0.9	0.9	960	11.1	---	24.0	On
EW-2019	0.4	0.5	194	12.7	---	10.1	On
EW-2020	0.4	0.4	339	11.3	---	17.3	On
EW-2021	0.3	0.4	281	13.9	---	14.9	On
EW-2022	0.5	0.5	482	12.8	---	21.5	On
EW-2023	0.4	0.5	575	11.4	---	24.0	On
EW-2024	0.4	0.5	336	10.2	---	16.9	On
EW-2025	1.0	1.0	1,212	11.0	---	24.0	On
EW-2026	0.8	0.9	1,013	9.6	---	24.0	On
EW-2027	0.9	0.9	1,114	9.5	---	24.0	On
EW-2028	0.9	1.0	1,103	9.0	---	24.0	On
EW-2029	1.0	1.1	1,311	7.6	---	24.0	On
EW-2030	1.4	1.5	1,968	10.5	---	24.0	On
EW-2031	1.4	1.6	2,051	11.4	---	24.0	On
EW-2032	0.7	0.7	722	9.1	---	24.0	On
EW-2033	0.7	0.8	748	9.5	---	24.0	On
EW-2034	0.6	1.1	882	9.2	24.0	24.0	On
EW-2035	1.2	1.3	1,675	6.5	22.7	24.0	On
EW-2036	0.6	0.7	907	13.3	24.1	24.0	On
EW-2037	0.8	0.8	1,087	7.8	26.4	24.0	On
EW-2101	27.1	31.2	33,048	13.9	47.4	23.9	On
EW-2102	17.2	19.8	25,286	12.8	54.9	23.9	On
EW-2103	0.0	0.0	0	21.8	24.5	0.0	Off
EW-2104	33.1	33.2	47,583	14.6	37.7	24.0	On
EW-3001	0.0	0.0	0	1.5	13.3	0.0	Off
EW-3002	0.0	0.5	35	2.3	12.4	2.0	Off
EW-3003	0.0	0.0	0	3.8	12.4	0.0	Off

Daily Log

December 14, 2015 12AM to December 15, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	2.6	2.7	3,752	-3.8	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	1.6	2,147	-3.5	---	24.0	On
EW-3008	0.4	0.5	211	-0.9	---	9.6	On
EW-3009	3.0	3.1	4,309	-1.6	---	24.0	On
EW-3010	1.0	1.2	1,408	-1.9	---	24.0	On
EW-3011	0.4	0.7	652	0.4	22.7	24.0	On
EW-3012	0.7	1.1	902	-5.9	25.6	24.0	On
EW-3013	1.0	1.7	1,461	-6.2	31.2	24.0	On
EW-3014	0.3	0.4	138	-4.5	35.1	8.6	On
EW-3015	1.2	2.0	1,727	-6.1	39.8	24.0	On
EW-3016	0.8	1.7	1,201	-6.4	43.9	24.0	On
EW-3017	0.0	0.7	266	-5.4	45.9	14.2	Off
EW-3018	0.0	0.9	126	-8.6	45.6	5.1	Off
EW-3019	1.0	1.7	1,356	-3.1	46.4	24.0	On
EW-3020	3.7	3.8	5,345	-1.9	40.3	24.0	On
EW-3021	0.4	0.4	247	-0.3	22.3	13.8	On
EW-3022	0.7	0.8	1,022	-2.3	29.4	24.0	On
EW-3023	1.6	2.2	2,254	0.6	23.9	24.0	On
EW-3024	0.6	0.7	497	1.2	---	24.0	On
EW-3025	2.1	2.1	3,041	-1.2	31.5	24.0	On
EW-3026	2.6	2.6	3,702	-2.8	32.2	24.0	On
EW-3027	0.0	0.0	0	0.0	---	0.0	Off
EW-4001	3.0	3.1	4,358	-2.6	24.7	24.0	On
EW-4002	2.3	2.4	3,228	-47.0	13.9	24.0	On
EW-4003	2.2	4.1	4,607	-25.6	---	24.0	On
EW-4004	1.6	1.8	2,248	-9.8	18.0	24.0	On
EW-4005	2.2	3.6	4,191	-22.3	---	24.0	On
EW-4006	1.5	1.6	2,135	-50.9	26.8	24.0	On
EW-4007	1.0	1.1	1,504	-3.4	30.5	24.0	On
EW-4008	2.9	2.9	4,135	-10.5	25.7	24.0	On
EW-4009	0.8	1.1	1,200	-22.2	32.5	24.0	On
EW-4010	2.4	2.4	3,428	0.7	39.7	24.0	On
EW-4011	2.1	2.1	2,935	-17.6	39.1	24.0	On
EW-5001	2.0	2.1	2,772	-23.7	---	24.0	On
EW-5002	0.0	0.9	20	5.0	23.2	0.4	Off
EW Totals	**155.7**		**216,123**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	214.9	159 GPM
FIT-500	197 GPM	187.3	274 GPM
Effluent Temp	97.4 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

December 14, 2015 12AM to December 15, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	32.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 14, 2015 12AM to December 15, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	47.0
Permeate Flow	FIT-642	0 GPM	34.3
Concentrate Flow	FIT-643	0 GPM	11.8

Inlet Conductivity	CIT-630	1,038.2 µS
Outlet Conductivity	CIT-642	111.1 µS
Hours Run		8.0 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 15, 2015 12AM to December 16, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.8	2,524	1.4	40.2	24.0	On
EW-2002	0.7	0.7	1,008	5.9	39.5	24.0	On
EW-2003	1.1	1.1	1,539	5.5	36.9	24.0	On
EW-2004	0.5	0.5	723	6.7	31.5	24.0	On
EW-2005	0.4	0.5	585	7.0	29.6	24.0	On
EW-2006	0.7	0.8	1,035	8.4	26.7	24.0	On
EW-2007	1.7	1.8	2,460	7.4	23.5	24.0	On
EW-2008	0.0	0.8	911	18.6	22.7	21.3	Off
EW-2009	1.1	1.2	1,637	3.3	22.9	24.0	On
EW-2010	0.3	0.4	278	6.6	22.3	15.7	On
EW-2011	0.4	0.4	329	9.3	20.8	17.2	On
EW-2012	0.0	0.4	143	13.4	13.2	8.1	Off
EW-2013	0.3	0.5	352	17.4	13.2	16.6	On
EW-2014	1.1	1.2	1,540	12.9	13.9	24.0	On
EW-2015	0.5	0.7	669	11.7	12.1	24.0	On
EW-2016	0.5	0.7	756	12.2	---	21.5	On
EW-2017	1.3	1.3	1,822	12.6	---	24.0	On
EW-2018	0.7	0.9	957	11.0	---	24.0	On
EW-2019	0.0	0.5	194	12.6	---	10.2	Off
EW-2020	0.0	0.4	339	10.9	---	17.2	Off
EW-2021	0.3	0.4	287	11.4	---	15.2	On
EW-2022	0.4	0.6	481	11.4	---	21.7	On
EW-2023	0.4	0.5	582	11.5	---	24.0	On
EW-2024	0.3	0.5	333	10.9	---	16.7	On
EW-2025	0.9	7.3	1,133	10.8	---	22.3	On
EW-2026	0.7	0.9	1,008	9.5	---	24.0	On
EW-2027	0.8	0.9	1,109	9.3	---	24.0	On
EW-2028	0.8	1.0	1,099	8.8	---	24.0	On
EW-2029	0.9	1.1	1,307	7.5	---	24.0	On
EW-2030	1.4	1.4	1,958	10.2	---	24.0	On
EW-2031	1.4	1.5	2,038	11.1	---	24.0	On
EW-2032	0.5	0.7	719	8.9	---	24.0	On
EW-2033	0.5	0.7	747	9.5	---	24.0	On
EW-2034	0.6	0.7	875	9.0	24.1	24.0	On
EW-2035	1.2	1.2	1,668	6.4	22.3	24.0	On
EW-2036	0.6	1.0	898	13.1	19.7	24.0	On
EW-2037	0.8	0.9	1,100	6.2	25.5	24.0	On
EW-2101	26.9	27.3	38,914	13.6	48.4	24.0	On
EW-2102	17.1	17.6	24,825	12.8	55.5	24.0	On
EW-2103	0.0	0.0	0	21.8	23.3	0.0	Off
EW-2104	33.1	33.3	47,589	14.4	36.2	24.0	On
EW-3001	0.0	0.0	0	1.5	13.1	0.0	Off
EW-3002	0.3	0.5	154	1.7	12.2	8.7	On
EW-3003	0.0	0.0	0	3.8	12.1	0.0	Off

Daily Log

December 15, 2015 12AM to December 16, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	2.6	2.6	3,678	-3.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	1.5	2,090	-3.7	---	24.0	On
EW-3008	0.4	0.5	551	-0.9	---	24.0	On
EW-3009	3.0	3.0	4,297	-1.7	---	24.0	On
EW-3010	1.0	1.0	1,380	-2.2	---	24.0	On
EW-3011	0.4	0.6	638	0.3	22.8	24.0	On
EW-3012	0.6	0.8	899	-6.0	25.9	24.0	On
EW-3013	1.0	1.1	1,458	-6.4	31.6	24.0	On
EW-3014	0.3	0.4	137	-4.6	35.6	8.6	On
EW-3015	1.2	1.3	1,724	-6.1	40.4	24.0	On
EW-3016	0.8	0.9	1,191	-6.5	44.5	24.0	On
EW-3017	0.3	0.7	263	-5.4	46.7	14.0	On
EW-3018	0.3	0.6	126	-8.8	46.5	7.0	On
EW-3019	0.9	1.1	1,349	-2.8	47.3	24.0	On
EW-3020	3.7	3.7	5,322	-2.1	39.9	24.0	On
EW-3021	0.0	0.4	235	0.9	21.1	13.1	Off
EW-3022	0.7	0.8	1,011	-2.6	28.3	24.0	On
EW-3023	1.6	1.6	2,239	0.5	24.1	24.0	On
EW-3024	0.4	3.2	492	0.8	---	22.8	On
EW-3025	2.1	2.2	3,029	-1.3	30.4	24.0	On
EW-3026	2.5	2.6	3,681	-2.8	31.1	24.0	On
EW-3027	0.0	0.0	0	0.0	---	0.0	Off
EW-4001	0.0	3.1	3,571	2.6	19.9	19.6	Off
EW-4002	2.3	2.4	3,256	-47.1	13.5	24.0	On
EW-4003	2.2	2.2	3,103	-25.9	---	24.0	On
EW-4004	1.7	1.7	2,358	-10.5	17.5	24.0	On
EW-4005	2.2	2.2	3,112	-22.5	---	24.0	On
EW-4006	1.5	1.6	2,144	-51.1	25.6	24.0	On
EW-4007	1.1	1.1	1,518	-3.2	29.4	24.0	On
EW-4008	3.0	3.0	4,185	-10.8	24.6	24.0	On
EW-4009	0.8	0.9	1,202	-21.2	33.0	24.0	On
EW-4010	2.4	2.4	3,428	1.3	39.0	24.0	On
EW-4011	2.1	2.1	2,953	-17.4	38.5	24.0	On
EW-5001	0.0	2.0	2,604	-4.3	---	22.3	Off
EW-5002	0.0	0.0	0	5.0	22.8	0.0	Off
EW Totals	**147.1**		**217,853**				

	Value	Total (KGal)	Peak Flow
FIT-100	145 GPM	216.2	156 GPM
FIT-500	240 GPM	189.6	296 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

December 15, 2015 12AM to December 16, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	28 GPM	0.0
RC-7003	FIT-665	29 GPM	32.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 15, 2015 12AM to December 16, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	47.8
Permeate Flow	FIT-642	0 GPM	34.7
Concentrate Flow	FIT-643	0 GPM	12.1

Inlet Conductivity	CIT-630	1,062.8 µS
Outlet Conductivity	CIT-642	195.0 µS
Hours Run		8.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 16, 2015 12AM to December 17, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.1	2,528	1.8	27.9	24.0	On
EW-2002	0.7	1.8	1,002	6.0	27.2	24.0	On
EW-2003	1.6	1.8	1,598	5.7	26.4	24.0	On
EW-2004	0.6	1.1	731	6.8	24.5	24.0	On
EW-2005	0.5	1.0	580	7.0	23.9	24.0	On
EW-2006	0.9	0.9	1,028	7.2	22.6	24.0	On
EW-2007	1.7	5.3	2,212	7.6	21.1	21.5	On
EW-2008	0.7	4.7	945	3.0	21.9	21.6	On
EW-2009	1.1	1.3	1,634	3.2	22.0	24.0	On
EW-2010	0.0	0.5	278	6.4	21.1	15.5	Off
EW-2011	0.0	0.5	328	9.3	19.6	17.1	Off
EW-2012	0.3	0.5	158	11.4	13.7	8.8	On
EW-2013	0.4	0.5	350	18.1	13.7	16.6	On
EW-2014	1.1	1.1	1,527	13.1	14.5	24.0	On
EW-2015	0.5	0.7	664	11.7	12.4	24.0	On
EW-2016	0.6	0.7	756	11.2	---	21.6	On
EW-2017	1.3	1.3	1,825	12.7	---	24.0	On
EW-2018	0.7	0.9	954	10.9	---	24.0	On
EW-2019	0.0	0.5	193	13.2	---	10.3	Off
EW-2020	0.4	0.4	337	11.0	---	17.1	On
EW-2021	0.3	0.4	282	12.4	---	14.9	On
EW-2022	0.4	0.6	474	11.7	---	21.5	On
EW-2023	0.4	0.5	570	11.4	---	24.0	On
EW-2024	0.4	0.5	335	9.5	---	16.5	On
EW-2025	0.9	1.0	1,226	10.8	---	24.0	On
EW-2026	0.7	0.9	1,003	9.4	---	24.0	On
EW-2027	0.8	0.9	1,103	9.3	---	24.0	On
EW-2028	0.8	1.0	1,094	8.8	---	24.0	On
EW-2029	0.0	1.0	1,044	20.0	---	19.3	Off
EW-2030	1.5	1.5	1,956	10.2	---	24.0	On
EW-2031	1.5	1.5	2,023	11.1	---	24.0	On
EW-2032	0.5	0.7	719	8.9	---	24.0	On
EW-2033	0.5	0.8	746	9.3	---	24.0	On
EW-2034	0.6	0.7	868	8.9	24.1	24.0	On
EW-2035	1.2	1.2	1,658	6.4	21.9	24.0	On
EW-2036	0.6	0.7	889	13.2	23.6	24.0	On
EW-2037	0.8	1.1	1,133	7.5	25.5	24.0	On
EW-2101	26.7	27.1	38,543	13.5	48.7	24.0	On
EW-2102	17.0	17.3	24,406	12.8	55.5	24.0	On
EW-2103	0.0	0.0	0	21.8	24.2	0.0	Off
EW-2104	33.1	33.2	47,540	14.4	36.9	24.0	On
EW-3001	0.0	0.0	0	1.5	13.5	0.0	Off
EW-3002	0.0	0.5	176	2.1	12.5	9.6	Off
EW-3003	0.0	0.0	0	3.8	12.3	0.0	Off

Daily Log

December 16, 2015 12AM to December 17, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	2.6	2.6	3,672	-3.8	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	1.5	2,067	-3.6	---	24.0	On
EW-3008	0.4	0.5	542	-0.8	---	24.0	On
EW-3009	3.0	3.0	4,306	-1.6	---	24.0	On
EW-3010	1.0	1.1	1,371	-2.2	---	24.0	On
EW-3011	0.5	0.6	617	0.4	22.8	24.0	On
EW-3012	0.6	0.8	895	-6.2	26.0	24.0	On
EW-3013	1.1	1.1	1,456	-6.4	31.9	24.0	On
EW-3014	0.0	0.4	136	-4.2	35.6	8.6	Off
EW-3015	1.2	1.3	1,721	-6.1	40.6	24.0	On
EW-3016	0.8	0.9	1,188	-6.5	44.6	24.0	On
EW-3017	0.3	0.8	261	-5.6	46.8	13.7	On
EW-3018	0.0	1.5	126	-9.2	46.9	6.9	Off
EW-3019	1.1	1.1	1,352	-3.0	47.5	24.0	On
EW-3020	0.0	3.8	4,897	12.6	27.2	22.1	Off
EW-3021	0.3	0.4	251	0.0	22.0	13.9	On
EW-3022	0.7	0.8	1,009	-2.4	28.9	24.0	On
EW-3023	1.6	1.7	2,240	0.6	24.1	24.0	On
EW-3024	0.4	0.5	495	0.8	---	22.1	On
EW-3025	2.1	2.1	3,017	-1.1	31.0	24.0	On
EW-3026	2.5	2.6	3,632	-2.7	31.7	24.0	On
EW-3027	0.0	0.0	0	0.1	---	0.0	Off
EW-4001	2.9	2.9	3,005	-1.8	24.2	17.5	On
EW-4002	2.3	2.5	3,256	-47.2	13.9	24.0	On
EW-4003	2.2	2.2	3,085	-25.6	---	24.0	On
EW-4004	1.7	1.8	2,390	-10.3	16.8	24.0	On
EW-4005	2.2	2.2	3,083	-22.5	---	24.0	On
EW-4006	1.5	1.6	2,146	-51.0	26.4	24.0	On
EW-4007	1.0	1.1	1,452	-2.7	30.1	24.0	On
EW-4008	2.9	3.0	4,217	-10.5	25.5	24.0	On
EW-4009	0.9	0.9	1,170	-21.0	33.3	24.0	On
EW-4010	2.0	2.6	3,359	1.3	36.4	24.0	On
EW-4011	2.0	2.1	2,630	-16.6	35.9	21.3	On
EW-5001	1.9	2.0	1,582	-21.8	---	14.1	On
EW-5002	0.0	0.0	0	5.6	22.4	0.0	Off
EW Totals	**148.8**		**214,044**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	212.5	155 GPM
FIT-500	200 GPM	177.9	260 GPM
Effluent Temp	97.2 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

December 16, 2015 12AM to December 17, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	30 GPM	35.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 16, 2015 12AM to December 17, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	97 GPM	50.6
Permeate Flow	FIT-642	71 GPM	36.8
Concentrate Flow	FIT-643	25 GPM	12.9

Inlet Conductivity	CIT-630	1,054.4 µS
Outlet Conductivity	CIT-642	28.4 µS
Hours Run		8.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 17, 2015 12AM to December 18, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,519	1.4	41.0	24.0	On
EW-2002	0.7	1.4	1,004	6.1	40.4	24.0	On
EW-2003	1.1	1.7	1,644	5.7	37.7	24.0	On
EW-2004	0.5	0.9	735	6.9	32.3	24.0	On
EW-2005	0.4	0.8	581	7.3	30.4	24.0	On
EW-2006	0.7	0.9	1,116	8.0	27.3	24.0	On
EW-2007	1.7	1.9	2,458	7.6	24.0	24.0	On
EW-2008	0.8	0.8	1,016	3.1	24.2	24.0	On
EW-2009	1.2	1.2	1,634	3.3	24.4	24.0	On
EW-2010	0.0	0.4	278	5.2	23.4	15.6	Off
EW-2011	0.4	0.4	328	8.2	22.0	17.2	On
EW-2012	0.3	0.4	189	13.5	13.7	10.3	On
EW-2013	0.4	0.5	348	17.3	13.7	16.8	On
EW-2014	1.1	1.1	1,521	13.2	14.6	24.0	On
EW-2015	0.5	0.7	662	11.7	12.5	24.0	On
EW-2016	0.7	0.7	748	11.2	---	21.3	On
EW-2017	1.3	1.3	1,811	12.7	---	24.0	On
EW-2018	0.7	0.9	953	10.9	---	24.0	On
EW-2019	0.0	0.5	195	11.6	---	10.3	Off
EW-2020	0.0	0.4	309	19.0	---	15.7	Off
EW-2021	0.3	0.4	280	12.7	---	14.9	On
EW-2022	0.5	0.5	473	12.4	---	21.1	On
EW-2023	0.4	0.5	564	11.5	---	24.0	On
EW-2024	0.0	0.5	331	9.7	---	16.5	Off
EW-2025	0.9	1.0	1,216	10.8	---	24.0	On
EW-2026	0.7	0.9	995	9.4	---	24.0	On
EW-2027	0.7	0.9	1,101	9.3	---	24.0	On
EW-2028	0.7	1.0	1,091	8.8	---	24.0	On
EW-2029	0.9	7.4	1,309	7.4	---	23.7	On
EW-2030	1.4	1.5	1,941	10.4	---	24.0	On
EW-2031	1.5	1.5	2,013	11.2	---	24.0	On
EW-2032	0.5	0.7	712	8.9	---	24.0	On
EW-2033	0.6	0.7	741	9.3	---	24.0	On
EW-2034	0.6	0.7	863	9.1	25.1	24.0	On
EW-2035	1.2	1.2	1,655	6.5	22.4	24.0	On
EW-2036	0.6	0.7	879	13.3	24.0	24.0	On
EW-2037	1.0	5.6	1,198	4.1	27.5	24.0	On
EW-2101	26.5	26.9	38,187	13.4	49.4	24.0	On
EW-2102	16.5	17.1	24,045	12.7	56.5	24.0	On
EW-2103	0.0	0.0	0	21.8	24.7	0.0	Off
EW-2104	33.1	33.2	47,540	14.3	37.6	24.0	On
EW-3001	0.0	0.0	0	1.6	13.6	0.0	Off
EW-3002	0.0	0.5	216	2.6	12.5	11.6	Off
EW-3003	0.0	0.0	0	3.8	12.4	0.0	Off

Daily Log

December 17, 2015 12AM to December 18, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	2.5	3.1	3,841	-3.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.4	1.8	2,141	-3.6	---	24.0	On
EW-3008	0.4	0.8	353	-0.8	---	17.7	On
EW-3009	3.0	3.4	3,485	-1.7	---	19.1	On
EW-3010	1.0	1.3	1,429	-2.1	---	24.0	On
EW-3011	0.5	0.6	635	0.4	23.8	24.0	On
EW-3012	0.7	0.8	898	-6.1	27.1	24.0	On
EW-3013	1.1	1.1	1,456	-6.3	33.3	24.0	On
EW-3014	0.0	0.4	138	-4.2	37.1	8.7	Off
EW-3015	1.2	1.3	1,717	-6.1	41.7	24.0	On
EW-3016	0.8	0.9	1,186	-6.4	46.0	24.0	On
EW-3017	0.0	0.7	260	-6.1	48.0	13.4	Off
EW-3018	0.0	0.5	128	-9.1	47.8	7.8	Off
EW-3019	1.0	1.2	1,377	-3.1	48.2	24.0	On
EW-3020	3.7	6.4	4,638	-2.2	40.8	20.5	On
EW-3021	0.0	0.4	305	0.0	22.0	16.0	Off
EW-3022	0.7	0.9	1,030	-2.3	29.1	24.0	On
EW-3023	1.5	1.7	2,258	0.7	25.3	24.0	On
EW-3024	0.5	0.5	519	0.8	---	22.5	On
EW-3025	2.1	2.2	3,066	-1.2	31.2	24.0	On
EW-3026	2.5	2.6	3,652	-2.8	31.9	24.0	On
EW-3027	0.0	0.5	113	0.0	---	4.4	Off
EW-4001	2.9	2.9	4,139	-1.9	24.5	24.0	On
EW-4002	2.3	2.4	3,247	-47.0	13.9	24.0	On
EW-4003	2.1	2.2	3,062	-25.9	---	24.0	On
EW-4004	1.7	1.8	2,353	-9.7	17.8	24.0	On
EW-4005	2.1	2.2	3,050	-22.7	---	24.0	On
EW-4006	1.6	1.6	2,128	-51.0	26.4	24.0	On
EW-4007	1.0	1.1	1,420	-3.1	30.2	24.0	On
EW-4008	3.0	3.0	4,197	-11.0	26.0	24.0	On
EW-4009	0.8	0.9	1,159	-20.5	34.5	24.0	On
EW-4010	2.4	2.4	3,111	0.8	42.5	24.0	On
EW-4011	2.3	2.4	3,070	-20.7	42.1	24.0	On
EW-5001	1.9	2.0	2,744	-22.7	---	24.0	On
EW-5002	0.0	0.0	0	5.3	22.9	0.0	Off
EW Totals	**151.6**		**215,704**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	214.1	155 GPM
FIT-500	0 GPM	186.5	262 GPM
Effluent Temp	97.4 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

December 17, 2015 12AM to December 18, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	28 GPM	0.0
RC-7003	FIT-665	29 GPM	32.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 17, 2015 12AM to December 18, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	98 GPM	47.7
Permeate Flow	FIT-642	73 GPM	34.7
Concentrate Flow	FIT-643	24 GPM	12.2

Inlet Conductivity	CIT-630	1,035.9 µS
Outlet Conductivity	CIT-642	28.4 µS
Hours Run		8.0 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 18, 2015 12AM to December 19, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,500	1.6	42.1	24.0	On
EW-2002	0.7	5.9	816	6.0	41.4	19.5	On
EW-2003	1.1	1.6	1,523	5.5	38.8	24.0	On
EW-2004	0.5	1.0	721	6.8	33.2	24.0	On
EW-2005	0.4	0.9	576	7.2	31.3	24.0	On
EW-2006	0.7	0.8	995	8.0	28.3	24.0	On
EW-2007	1.7	1.9	2,435	7.6	24.9	24.0	On
EW-2008	0.7	0.8	1,023	3.2	25.2	24.0	On
EW-2009	1.1	1.2	1,639	3.4	25.3	24.0	On
EW-2010	0.3	0.4	280	5.7	24.5	15.8	On
EW-2011	0.3	0.4	328	8.7	23.0	17.3	On
EW-2012	0.0	0.4	164	11.0	15.6	9.3	Off
EW-2013	0.4	0.5	341	17.1	15.7	16.6	On
EW-2014	1.0	1.1	1,516	13.3	19.4	24.0	On
EW-2015	0.5	0.7	666	12.1	15.5	24.0	On
EW-2016	0.5	0.7	753	10.8	---	21.8	On
EW-2017	0.0	1.3	1,816	19.9	---	23.8	Off
EW-2018	0.6	0.9	951	11.3	---	24.0	On
EW-2019	0.0	0.5	193	13.0	---	10.2	Off
EW-2020	0.3	0.4	309	11.6	---	15.8	On
EW-2021	0.3	0.4	286	11.8	---	15.2	On
EW-2022	0.3	0.5	479	11.5	---	21.7	On
EW-2023	0.3	0.4	561	11.7	---	24.0	On
EW-2024	0.3	0.5	330	10.2	---	17.2	On
EW-2025	0.8	1.0	1,218	11.2	---	24.0	On
EW-2026	0.7	0.9	994	9.8	---	24.0	On
EW-2027	0.8	1.0	1,117	9.7	---	24.0	On
EW-2028	0.7	7.3	892	9.2	---	19.4	On
EW-2029	0.9	1.1	1,312	7.8	---	24.0	On
EW-2030	1.3	1.5	1,947	10.6	---	24.0	On
EW-2031	1.3	1.5	2,012	11.4	---	24.0	On
EW-2032	0.5	0.7	708	9.3	---	24.0	On
EW-2033	0.5	0.7	744	9.7	---	24.0	On
EW-2034	0.6	0.7	857	9.1	26.0	24.0	On
EW-2035	1.1	1.3	1,658	6.5	23.1	24.0	On
EW-2036	0.6	0.7	875	13.2	32.7	24.0	On
EW-2037	0.9	1.1	1,365	4.1	36.8	24.0	On
EW-2101	26.2	26.7	37,811	13.3	49.9	24.0	On
EW-2102	16.4	16.7	23,534	12.9	56.6	24.0	On
EW-2103	4.8	5.2	4,610	21.4	39.7	15.2	On
EW-2104	46.8	47.7	60,233	13.5	66.5	24.0	On
EW-3001	0.0	0.0	0	1.6	15.6	0.0	Off
EW-3002	0.3	0.5	242	1.6	14.6	13.1	On
EW-3003	0.0	0.0	0	3.8	14.5	0.0	Off

Daily Log

December 18, 2015 12AM to December 19, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.2	2.7	3,430	-2.7	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	1.7	2,145	-3.4	---	24.0	On
EW-3008	0.4	0.5	538	-0.4	---	24.0	On
EW-3009	2.2	3.1	3,717	-0.8	---	23.7	On
EW-3010	1.0	1.2	1,461	-1.8	---	24.0	On
EW-3011	0.4	0.6	632	0.6	24.8	24.0	On
EW-3012	0.6	1.1	905	-5.8	28.1	24.0	On
EW-3013	1.1	5.7	1,334	-6.3	34.0	20.4	On
EW-3014	0.0	0.5	140	-3.7	37.7	8.8	Off
EW-3015	1.2	1.6	1,727	-6.2	42.3	24.0	On
EW-3016	0.8	1.0	1,183	-6.7	46.2	24.0	On
EW-3017	0.3	0.7	259	-7.3	48.2	13.4	On
EW-3018	0.0	0.5	128	-9.5	48.1	7.7	Off
EW-3019	0.0	1.1	1,326	5.4	48.4	23.7	Off
EW-3020	3.7	4.2	5,334	-2.1	41.8	24.0	On
EW-3021	0.3	0.4	311	0.1	28.6	16.8	On
EW-3022	0.7	0.8	1,031	-2.3	35.4	24.0	On
EW-3023	1.6	1.8	2,275	0.6	26.2	24.0	On
EW-3024	0.4	0.5	520	1.0	---	22.7	On
EW-3025	2.1	2.2	3,062	-1.0	37.5	24.0	On
EW-3026	2.5	2.6	3,627	-2.7	38.4	24.0	On
EW-3027	0.0	0.5	3	0.4	---	0.2	Off
EW-4001	2.8	2.9	4,127	-1.7	33.3	24.0	On
EW-4002	2.3	2.5	3,243	-46.9	15.9	24.0	On
EW-4003	1.8	3.5	2,445	-19.5	---	21.1	On
EW-4004	1.5	1.7	2,319	-9.4	18.5	24.0	On
EW-4005	2.0	2.2	3,017	-22.6	---	24.0	On
EW-4006	1.5	1.6	2,117	-50.8	32.9	24.0	On
EW-4007	0.9	1.1	1,413	-2.9	36.5	24.0	On
EW-4008	2.8	3.0	4,175	-10.6	40.5	24.0	On
EW-4009	0.8	0.9	1,178	-21.4	35.3	24.0	On
EW-4010	2.0	2.4	3,102	1.2	48.0	24.0	On
EW-4011	2.1	2.4	3,117	-17.4	47.5	24.0	On
EW-5001	1.8	2.0	2,743	-22.8	---	24.0	On
EW-5002	0.0	0.8	8	5.2	23.6	0.2	Off
EW Totals	**164.2**		**231,424**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	229.6	172 GPM
FIT-500	169 GPM	201.0	262 GPM
Effluent Temp	95.9 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

December 18, 2015 12AM to December 19, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	28 GPM	0.0
RC-7003	FIT-665	30 GPM	31.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 18, 2015 12AM to December 19, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	46.2
Permeate Flow	FIT-642	0 GPM	33.4
Concentrate Flow	FIT-643	0 GPM	11.9

Inlet Conductivity	CIT-630	1,020.0 µS
Outlet Conductivity	CIT-642	122.4 µS
Hours Run		8.2 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	95.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 19, 2015 12AM to December 20, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,522	1.5	41.6	24.0	On
EW-2002	0.7	0.8	1,008	6.0	40.9	24.0	On
EW-2003	1.0	1.1	1,501	5.7	38.4	24.0	On
EW-2004	0.5	0.6	719	6.8	32.8	24.0	On
EW-2005	0.4	2.6	574	7.2	30.9	23.9	On
EW-2006	0.7	0.8	1,052	7.9	27.9	24.0	On
EW-2007	1.7	1.7	2,420	7.5	24.5	24.0	On
EW-2008	0.7	0.8	1,018	3.0	24.1	24.0	On
EW-2009	1.1	1.2	1,644	3.2	24.2	24.0	On
EW-2010	0.0	0.4	281	5.5	23.3	15.7	Off
EW-2011	0.0	0.4	296	19.9	21.8	15.6	Off
EW-2012	0.0	0.3	113	12.3	15.6	6.7	Off
EW-2013	0.3	0.5	333	19.0	15.6	15.8	On
EW-2014	1.0	1.1	1,510	13.1	19.3	24.0	On
EW-2015	0.3	0.6	673	12.1	15.4	24.0	On
EW-2016	0.5	0.7	757	12.2	---	21.5	On
EW-2017	0.0	0.0	0	21.6	---	0.0	Off
EW-2018	0.7	0.9	949	11.3	---	24.0	On
EW-2019	0.3	0.5	198	11.5	---	10.5	On
EW-2020	0.3	0.4	346	10.3	---	17.5	On
EW-2021	0.0	0.3	290	11.7	---	15.4	Off
EW-2022	0.0	0.5	486	12.6	---	21.9	Off
EW-2023	0.3	0.4	567	11.6	---	24.0	On
EW-2024	0.3	0.5	331	10.9	---	16.4	On
EW-2025	0.7	1.0	1,223	11.2	---	24.0	On
EW-2026	0.7	0.9	996	9.8	---	24.0	On
EW-2027	0.7	0.9	1,107	9.7	---	24.0	On
EW-2028	0.7	0.9	1,100	9.2	---	24.0	On
EW-2029	0.8	1.1	1,311	7.8	---	24.0	On
EW-2030	1.2	1.4	1,942	10.4	---	24.0	On
EW-2031	1.3	1.5	2,017	11.4	---	24.0	On
EW-2032	0.5	0.7	714	9.3	---	24.0	On
EW-2033	0.0	0.7	673	18.2	---	21.8	Off
EW-2034	0.5	0.7	843	9.0	26.6	24.0	On
EW-2035	1.1	1.6	1,657	6.4	23.0	24.0	On
EW-2036	0.6	0.7	872	13.1	32.6	24.0	On
EW-2037	0.9	1.0	1,365	3.9	36.6	24.0	On
EW-2101	25.8	26.5	37,493	13.3	51.7	24.0	On
EW-2102	15.6	16.5	23,050	13.0	58.1	24.0	On
EW-2103	4.9	5.2	7,269	21.3	39.6	24.0	On
EW-2104	46.7	47.2	67,419	13.2	66.6	24.0	On
EW-3001	0.0	0.0	0	1.6	15.1	0.0	Off
EW-3002	0.3	0.5	298	1.8	14.5	15.7	On
EW-3003	0.0	0.0	0	3.8	14.4	0.0	Off

Daily Log

December 19, 2015 12AM to December 20, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.1	2.2	3,073	-2.7	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	1.6	2,239	-3.5	---	24.0	On
EW-3008	0.3	0.5	547	-0.4	---	24.0	On
EW-3009	2.2	2.3	3,251	-0.8	---	24.0	On
EW-3010	1.0	1.2	1,553	-2.0	---	24.0	On
EW-3011	0.3	0.6	622	0.6	25.4	24.0	On
EW-3012	0.5	0.8	895	-6.0	29.0	24.0	On
EW-3013	1.0	1.2	1,550	-6.1	35.4	24.0	On
EW-3014	0.3	0.4	135	-3.8	39.3	8.6	On
EW-3015	1.2	1.4	1,711	-5.9	44.0	24.0	On
EW-3016	0.8	1.0	1,179	-6.7	48.2	24.0	On
EW-3017	0.3	0.7	254	-6.0	50.1	13.2	On
EW-3018	0.0	0.6	127	-9.1	50.2	7.7	Off
EW-3019	0.9	3.8	1,027	-2.9	50.8	18.2	On
EW-3020	3.7	3.8	5,363	-2.1	41.3	24.0	On
EW-3021	0.0	0.4	387	0.9	28.3	20.0	Off
EW-3022	0.7	0.8	1,052	-2.5	35.2	24.0	On
EW-3023	1.5	1.6	2,275	0.6	27.0	24.0	On
EW-3024	0.3	0.5	566	1.2	---	23.1	On
EW-3025	2.2	2.2	3,086	-1.1	37.3	24.0	On
EW-3026	2.5	2.5	3,629	-2.8	38.2	24.0	On
EW-3027	0.0	0.0	0	0.4	---	0.0	Off
EW-4001	2.8	2.9	4,113	-1.8	33.2	24.0	On
EW-4002	2.2	2.4	3,230	-46.8	15.6	24.0	On
EW-4003	1.8	2.0	2,757	-20.0	---	24.0	On
EW-4004	1.5	1.7	2,278	-9.7	18.4	24.0	On
EW-4005	2.0	2.1	2,981	-23.0	---	24.0	On
EW-4006	1.4	1.5	2,108	-51.1	32.6	24.0	On
EW-4007	1.0	1.1	1,412	-3.1	36.3	24.0	On
EW-4008	2.9	3.0	4,150	-10.8	40.4	24.0	On
EW-4009	0.7	0.9	1,183	-20.9	36.7	24.0	On
EW-4010	2.0	2.1	2,922	1.2	47.6	24.0	On
EW-4011	2.1	2.1	2,993	-17.3	47.2	24.0	On
EW-5001	1.8	2.0	2,742	-23.3	---	24.0	On
EW-5002	0.0	0.0	0	5.1	23.5	0.0	Off
EW Totals	**161.1**		**238,328**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	236.7	170 GPM
FIT-500	197 GPM	202.5	262 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

December 19, 2015 12AM to December 20, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	35.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 19, 2015 12AM to December 20, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	50.1
Permeate Flow	FIT-642	0 GPM	36.4
Concentrate Flow	FIT-643	0 GPM	12.9

Inlet Conductivity	CIT-630	1,023.2 µS
Outlet Conductivity	CIT-642	141.8 µS
Hours Run		8.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.5 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 20, 2015 12AM to December 21, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.9	2,505	1.6	41.1	24.0	On
EW-2002	0.7	1.4	1,006	5.9	40.4	24.0	On
EW-2003	1.0	3.7	1,385	5.7	37.8	21.9	On
EW-2004	0.5	4.2	629	6.8	32.3	20.2	On
EW-2005	0.4	1.0	571	7.0	30.3	24.0	On
EW-2006	0.6	0.7	916	9.4	27.2	22.0	On
EW-2007	1.7	1.9	2,417	7.4	23.7	24.0	On
EW-2008	0.7	0.8	1,014	3.0	23.3	24.0	On
EW-2009	1.1	1.2	1,638	3.2	23.4	24.0	On
EW-2010	0.0	0.5	277	6.3	22.5	15.4	Off
EW-2011	0.0	0.5	247	9.3	21.0	12.7	Off
EW-2012	0.0	0.6	137	12.9	14.5	7.9	Off
EW-2013	0.0	0.5	335	18.7	14.5	16.3	Off
EW-2014	1.1	5.3	1,378	13.0	18.8	21.9	On
EW-2015	0.5	0.7	663	11.7	14.8	24.0	On
EW-2016	0.6	0.7	747	10.5	---	21.3	On
EW-2017	1.4	4.2	512	12.5	---	6.1	On
EW-2018	0.7	0.9	947	10.9	---	24.0	On
EW-2019	0.0	0.4	192	12.8	---	10.2	Off
EW-2020	0.0	0.4	341	10.6	---	17.4	Off
EW-2021	0.3	0.3	283	13.0	---	15.1	On
EW-2022	0.4	0.6	477	11.6	---	21.5	On
EW-2023	0.4	0.4	564	11.4	---	24.0	On
EW-2024	0.0	0.5	297	18.6	---	14.4	Off
EW-2025	0.8	1.0	1,216	10.8	---	24.0	On
EW-2026	0.7	0.9	991	9.4	---	24.0	On
EW-2027	0.8	1.0	1,104	9.3	---	24.0	On
EW-2028	0.8	1.0	1,098	8.8	---	24.0	On
EW-2029	0.9	1.1	1,306	7.4	---	24.0	On
EW-2030	1.4	1.5	1,940	10.2	---	24.0	On
EW-2031	1.4	7.6	1,889	11.1	---	22.0	On
EW-2032	0.5	0.7	713	8.9	---	24.0	On
EW-2033	0.5	3.5	684	9.4	---	21.7	On
EW-2034	0.6	4.0	769	9.0	26.2	21.3	On
EW-2035	1.2	1.2	1,656	6.3	22.4	24.0	On
EW-2036	0.6	0.7	863	13.1	32.7	24.0	On
EW-2037	1.0	1.5	1,356	4.0	37.4	24.0	On
EW-2101	25.8	26.1	37,094	13.2	51.4	24.0	On
EW-2102	15.5	15.9	22,537	12.8	57.8	24.0	On
EW-2103	5.2	5.3	7,269	21.2	39.6	24.0	On
EW-2104	46.7	47.1	67,217	13.0	66.2	24.0	On
EW-3001	0.0	0.0	0	1.7	14.3	0.0	Off
EW-3002	0.3	0.5	330	2.0	13.6	17.1	On
EW-3003	0.0	0.0	0	3.8	13.5	0.0	Off

Daily Log

December 20, 2015 12AM to December 21, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.1	2.1	3,042	-2.8	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.6	1.7	2,271	-3.7	---	24.0	On
EW-3008	0.4	0.5	488	-0.5	---	21.7	On
EW-3009	2.3	2.3	3,250	-0.8	---	24.0	On
EW-3010	1.1	5.6	1,272	-2.2	---	19.8	On
EW-3011	0.5	0.6	629	0.5	24.9	24.0	On
EW-3012	0.6	1.0	896	-6.2	28.6	24.0	On
EW-3013	1.1	1.3	1,547	-6.5	35.2	24.0	On
EW-3014	0.3	0.4	135	-3.7	39.2	8.5	On
EW-3015	1.3	1.4	1,720	-6.2	43.9	24.0	On
EW-3016	0.0	0.9	1,070	9.2	47.8	21.8	Off
EW-3017	0.4	0.8	256	-6.5	50.1	13.4	On
EW-3018	0.0	0.6	96	-8.9	50.0	5.6	Off
EW-3019	0.9	1.1	1,324	-3.2	50.7	24.0	On
EW-3020	3.7	4.1	5,339	-2.0	40.8	24.0	On
EW-3021	0.0	0.4	420	-0.2	28.1	21.3	Off
EW-3022	0.8	0.8	1,052	-2.4	35.2	24.0	On
EW-3023	1.6	1.7	2,309	0.6	26.5	24.0	On
EW-3024	0.3	0.5	570	1.8	---	23.2	On
EW-3025	2.2	2.2	3,098	-1.1	37.3	24.0	On
EW-3026	2.5	2.6	3,616	-2.8	38.0	24.0	On
EW-3027	0.0	0.5	94	0.4	---	3.7	Off
EW-4001	2.9	3.0	4,155	-1.8	33.2	24.0	On
EW-4002	2.2	2.4	3,222	-47.1	14.8	24.0	On
EW-4003	2.0	2.0	2,784	-20.2	---	24.0	On
EW-4004	1.7	1.7	2,334	-10.2	17.6	24.0	On
EW-4005	1.9	2.1	2,132	-15.6	---	17.7	On
EW-4006	1.5	1.6	2,097	-50.9	32.5	24.0	On
EW-4007	1.0	1.1	1,414	-2.7	36.3	24.0	On
EW-4008	2.9	3.0	4,184	-10.8	40.5	24.0	On
EW-4009	0.0	0.9	945	1.1	35.9	19.5	Off
EW-4010	2.3	2.7	2,913	1.2	50.9	22.0	On
EW-4011	2.2	2.4	3,131	-19.3	50.6	24.0	On
EW-5001	2.0	2.0	2,770	-23.7	---	24.0	On
EW-5002	0.0	0.0	0	5.1	22.9	0.0	Off
EW Totals	**164.5**		**236,084**				

	Value	Total (KGal)	Peak Flow
FIT-100	164 GPM	234.5	170 GPM
FIT-500	183 GPM	208.8	261 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

December 20, 2015 12AM to December 21, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	30 GPM	32.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 20, 2015 12AM to December 21, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	47.3
Permeate Flow	FIT-642	0 GPM	34.3
Concentrate Flow	FIT-643	0 GPM	12.2

Inlet Conductivity	CIT-630	1,022.0 µS
Outlet Conductivity	CIT-642	212.4 µS
Hours Run		8.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 21, 2015 12AM to December 22, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,465	1.5	40.1	24.0	On
EW-2002	0.7	0.8	990	6.1	39.4	24.0	On
EW-2003	1.1	1.1	1,476	5.4	36.8	24.0	On
EW-2004	0.5	0.6	728	6.8	31.2	24.0	On
EW-2005	0.0	0.6	528	15.0	29.1	22.3	Off
EW-2006	0.6	0.7	880	9.1	26.4	24.0	On
EW-2007	1.7	1.8	2,405	7.6	23.1	24.0	On
EW-2008	0.7	0.8	1,013	3.0	22.8	24.0	On
EW-2009	1.1	1.2	1,632	3.2	22.9	24.0	On
EW-2010	0.0	0.4	276	6.5	22.1	15.4	Off
EW-2011	0.0	0.5	329	9.1	20.6	17.1	Off
EW-2012	0.0	0.5	162	13.4	13.9	9.1	Off
EW-2013	0.3	0.5	333	17.5	14.0	16.2	On
EW-2014	1.0	1.5	1,492	13.3	14.5	24.0	On
EW-2015	0.4	0.9	656	12.1	12.8	24.0	On
EW-2016	0.5	0.7	737	10.9	---	21.3	On
EW-2017	1.3	1.4	1,909	12.8	---	24.0	On
EW-2018	0.6	0.9	944	11.2	---	24.0	On
EW-2019	0.3	0.4	193	12.3	---	10.3	On
EW-2020	0.0	0.4	340	10.4	---	17.3	Off
EW-2021	0.3	0.3	277	13.5	---	14.8	On
EW-2022	0.3	0.5	470	12.9	---	21.4	On
EW-2023	0.4	0.5	562	11.4	---	24.0	On
EW-2024	0.3	0.5	279	10.3	---	13.9	On
EW-2025	0.8	1.0	1,202	11.2	---	24.0	On
EW-2026	0.7	0.9	982	9.8	---	24.0	On
EW-2027	0.7	0.9	1,091	9.7	---	24.0	On
EW-2028	0.7	1.0	1,087	9.2	---	24.0	On
EW-2029	0.9	1.1	1,299	7.8	---	24.0	On
EW-2030	1.3	1.5	1,926	10.6	---	24.0	On
EW-2031	1.4	1.6	2,034	11.5	---	24.0	On
EW-2032	0.5	0.7	706	9.3	---	24.0	On
EW-2033	0.5	0.7	740	9.6	---	24.0	On
EW-2034	0.6	1.1	853	9.2	24.9	24.0	On
EW-2035	1.1	1.2	1,644	6.6	21.8	24.0	On
EW-2036	0.6	1.3	855	13.3	23.7	24.0	On
EW-2037	0.9	1.9	1,352	4.2	26.6	24.0	On
EW-2101	19.9	29.3	36,408	13.8	45.7	24.0	On
EW-2102	16.6	17.2	22,365	12.3	54.9	23.9	On
EW-2103	4.8	10.4	7,271	21.1	23.8	24.0	On
EW-2104	25.0	46.9	66,321	13.4	30.9	24.0	On
EW-3001	0.0	0.0	0	1.6	13.7	0.0	Off
EW-3002	0.3	0.6	348	1.8	12.9	17.5	On
EW-3003	0.0	0.0	0	3.8	12.8	0.0	Off

Daily Log

December 21, 2015 12AM to December 22, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	0	1.3	---	0.1	Off
EW-3005	2.0	2.2	2,915	-2.3	---	23.5	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	1.8	2,230	-3.4	---	24.0	On
EW-3008	0.3	0.5	548	-0.3	---	24.0	On
EW-3009	2.0	6.0	3,056	-0.6	---	24.0	On
EW-3010	1.0	1.2	1,470	-1.8	---	24.0	On
EW-3011	0.4	0.9	677	0.6	23.6	24.0	On
EW-3012	0.6	1.6	893	-5.8	26.8	24.0	On
EW-3013	1.1	2.2	1,542	-6.2	32.6	24.0	On
EW-3014	0.0	0.4	136	-4.2	36.2	8.6	Off
EW-3015	1.2	2.4	1,749	-5.9	40.0	24.0	On
EW-3016	0.8	3.0	985	-6.3	43.7	19.5	On
EW-3017	0.0	0.8	239	3.8	44.8	12.4	Off
EW-3018	0.3	1.1	133	-9.5	44.9	7.8	On
EW-3019	0.9	2.2	1,323	-2.9	45.6	24.0	On
EW-3020	3.7	3.7	5,253	-2.1	39.8	24.0	On
EW-3021	0.3	0.7	396	-0.1	20.2	20.4	On
EW-3022	0.7	1.4	1,042	-2.2	25.6	24.0	On
EW-3023	1.5	2.1	2,279	0.8	25.1	24.0	On
EW-3024	0.4	0.5	543	1.3	---	22.8	On
EW-3025	2.1	2.3	3,098	-1.1	27.6	24.0	On
EW-3026	2.5	2.6	3,597	-2.7	28.2	24.0	On
EW-3027	0.3	0.5	207	0.4	---	10.1	On
EW-4001	3.1	3.4	4,162	-2.5	24.3	24.0	On
EW-4002	2.2	2.4	3,212	-46.9	14.1	24.0	On
EW-4003	1.9	2.1	2,770	-20.6	---	24.0	On
EW-4004	1.7	1.8	2,295	-10.2	17.3	24.0	On
EW-4005	1.9	2.0	2,741	-16.5	---	24.0	On
EW-4006	0.0	1.5	1,932	-1.6	23.0	22.3	Off
EW-4007	1.0	1.2	1,389	-3.1	26.7	24.0	On
EW-4008	2.9	3.6	4,180	-11.2	24.7	24.0	On
EW-4009	0.8	1.3	905	-19.7	34.0	19.5	On
EW-4010	2.4	2.5	3,272	0.9	41.8	24.0	On
EW-4011	2.3	2.5	3,177	-21.7	41.6	24.0	On
EW-5001	2.0	2.1	2,781	-24.1	---	24.0	On
EW-5002	0.0	0.0	0	5.1	22.3	0.0	Off
EW Totals	**137.1**		**236,688**				

	Value	Total (KGal)	Peak Flow
FIT-100	137 GPM	235.4	170 GPM
FIT-500	182 GPM	197.7	261 GPM
Effluent Temp	96.3 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

December 21, 2015 12AM to December 21, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	35.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 21, 2015 12AM to December 22, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	52.2
Permeate Flow	FIT-642	0 GPM	37.7
Concentrate Flow	FIT-643	0 GPM	13.5

Inlet Conductivity	CIT-630	1,035.3 µS
Outlet Conductivity	CIT-642	122.7 µS
Hours Run		9.0 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 22, 2015 12AM to December 23, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.4	2,468	1.7	41.2	23.9	On
EW-2002	0.7	5.1	975	6.1	40.6	23.9	On
EW-2003	1.0	3.7	1,480	5.6	38.0	23.9	On
EW-2004	0.5	2.9	714	6.9	32.5	23.8	On
EW-2005	0.4	3.1	545	7.4	30.6	22.5	On
EW-2006	1.0	1.0	1,117	6.1	27.6	23.9	On
EW-2007	1.6	5.1	2,381	7.7	24.2	23.9	On
EW-2008	0.7	4.0	1,010	3.1	24.7	23.9	On
EW-2009	1.1	2.6	1,623	3.3	24.7	23.9	On
EW-2010	0.3	0.6	276	5.7	23.9	15.4	On
EW-2011	0.3	0.6	328	8.7	22.4	17.0	On
EW-2012	0.0	0.5	166	13.1	13.5	9.4	Off
EW-2013	0.4	0.6	332	17.9	13.6	16.4	On
EW-2014	1.0	5.3	1,470	13.1	18.3	23.9	On
EW-2015	0.6	3.9	649	11.7	14.5	23.9	On
EW-2016	0.6	0.7	733	11.3	---	21.4	On
EW-2017	1.3	4.2	1,869	12.8	---	23.9	On
EW-2018	0.7	5.2	936	10.9	---	23.9	On
EW-2019	0.3	0.5	191	13.3	---	10.3	On
EW-2020	0.3	0.4	333	11.9	---	17.3	On
EW-2021	0.3	0.4	280	11.4	---	15.1	On
EW-2022	0.5	0.5	457	12.2	---	22.2	On
EW-2023	0.4	0.5	540	11.5	---	23.9	On
EW-2024	0.4	0.5	333	10.3	---	16.8	On
EW-2025	1.0	5.5	1,196	10.8	---	23.9	On
EW-2026	0.7	5.3	975	9.4	---	23.9	On
EW-2027	0.8	7.3	939	9.3	---	20.4	On
EW-2028	0.8	5.6	1,098	8.8	---	23.9	On
EW-2029	1.0	6.1	1,294	7.4	---	23.9	On
EW-2030	1.4	7.2	1,912	10.2	---	23.9	On
EW-2031	1.5	7.4	2,006	11.3	---	23.9	On
EW-2032	0.5	3.9	701	8.9	---	23.9	On
EW-2033	0.5	3.2	733	9.3	---	23.9	On
EW-2034	0.6	3.8	845	9.0	27.3	23.9	On
EW-2035	1.1	1.7	1,629	6.7	22.4	23.9	On
EW-2036	0.6	4.1	850	13.2	31.9	23.9	On
EW-2037	0.9	6.0	1,343	4.1	36.1	23.9	On
EW-2101	24.8	26.5	34,836	13.2	55.9	23.9	On
EW-2102	15.0	16.9	22,102	12.8	61.1	23.9	On
EW-2103	5.0	11.0	7,193	21.0	39.0	23.9	On
EW-2104	47.0	48.1	64,256	12.7	65.9	23.9	On
EW-3001	0.0	0.0	0	2.8	13.2	0.0	Off
EW-3002	0.5	0.5	386	2.0	12.8	18.3	On
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

December 22, 2015 12AM to December 23, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	4	1.5	---	0.3	Off
EW-3005	2.1	2.2	2,971	-2.1	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.4	1.6	2,029	-2.4	---	23.9	On
EW-3008	0.4	0.5	523	0.0	---	23.9	On
EW-3009	2.0	2.2	2,911	-0.2	---	23.9	On
EW-3010	1.2	5.7	1,443	-2.0	---	23.9	On
EW-3011	0.6	1.0	817	0.4	26.1	23.9	On
EW-3012	0.7	5.3	889	-6.0	30.1	23.9	On
EW-3013	1.1	4.9	1,529	-6.2	37.3	23.9	On
EW-3014	0.0	0.5	134	-4.0	42.2	8.5	Off
EW-3015	1.2	4.4	1,702	-6.0	47.3	23.9	On
EW-3016	0.8	2.5	1,188	-6.5	51.5	23.9	On
EW-3017	0.3	0.7	199	-5.5	53.6	10.2	On
EW-3018	0.0	0.6	129	-9.3	53.6	7.5	Off
EW-3019	0.9	3.0	1,310	-3.0	54.2	23.9	On
EW-3020	3.6	6.2	5,224	-2.0	41.0	23.9	On
EW-3021	0.4	0.7	400	0.2	25.6	20.5	On
EW-3022	0.9	5.2	1,048	-2.3	29.5	23.9	On
EW-3023	1.6	5.1	2,236	0.7	27.9	23.9	On
EW-3024	0.5	0.6	542	1.2	---	22.9	On
EW-3025	2.6	2.7	3,174	-0.9	31.0	23.9	On
EW-3026	0.0	4.0	3,013	5.5	30.4	20.1	Off
EW-3027	0.4	0.5	481	0.8	---	23.9	On
EW-4001	2.9	3.5	4,186	-1.8	32.3	23.8	On
EW-4002	0.0	6.3	2,707	1.1	13.4	20.1	Off
EW-4003	2.0	2.1	2,731	-20.0	---	23.8	On
EW-4004	1.6	1.7	2,239	-8.8	18.0	23.8	On
EW-4005	1.9	2.0	2,717	-15.9	---	23.8	On
EW-4006	1.5	6.3	2,094	-51.0	28.1	22.0	On
EW-4007	0.9	1.2	1,462	-2.7	30.8	23.8	On
EW-4008	2.9	3.7	4,143	-10.2	39.7	23.8	On
EW-4009	0.8	1.3	1,117	-19.1	38.4	23.8	On
EW-4010	2.1	2.7	3,063	1.2	47.5	23.8	On
EW-4011	2.2	2.4	3,038	-19.4	47.5	23.8	On
EW-5001	1.9	2.1	2,744	-23.1	---	23.8	On
EW-5002	0.0	0.0	0	5.1	22.9	0.0	Off
EW Totals	**163.1**		**231,635**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	230.6	184 GPM
FIT-500	189 GPM	201.6	261 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

December 22, 2015 12AM to December 23, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	28 GPM	0.0
RC-7003	FIT-665	29 GPM	33.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 22, 2015 12AM to December 23, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	47.8
Permeate Flow	FIT-642	0 GPM	34.7
Concentrate Flow	FIT-643	0 GPM	12.2

Inlet Conductivity	CIT-630	1,015.1 µS
Outlet Conductivity	CIT-642	168.4 µS
Hours Run		8.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 23, 2015 12AM to December 24, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,451	1.6	41.3	24.0	On
EW-2002	0.7	0.7	976	6.1	40.7	24.0	On
EW-2003	1.0	1.0	1,445	5.7	38.0	24.0	On
EW-2004	0.5	0.5	710	6.9	32.5	24.0	On
EW-2005	0.4	0.4	565	7.3	30.5	24.0	On
EW-2006	0.9	1.0	1,324	6.8	27.5	24.0	On
EW-2007	1.7	1.7	2,366	7.6	24.0	24.0	On
EW-2008	0.8	0.8	1,010	3.0	24.2	24.0	On
EW-2009	1.1	1.2	1,629	3.3	24.3	24.0	On
EW-2010	0.0	0.3	275	5.2	23.4	15.6	Off
EW-2011	0.4	0.4	328	8.1	21.9	17.2	On
EW-2012	0.0	0.3	82	11.4	13.7	4.9	Off
EW-2013	0.4	0.5	330	17.3	13.7	16.1	On
EW-2014	1.0	1.1	1,466	13.1	18.8	24.0	On
EW-2015	0.4	0.6	647	11.7	14.8	24.0	On
EW-2016	0.0	0.7	726	11.4	---	21.4	Off
EW-2017	1.3	1.3	1,872	12.7	---	24.0	On
EW-2018	0.6	0.9	935	10.9	---	24.0	On
EW-2019	0.3	0.4	191	13.2	---	10.3	On
EW-2020	0.4	0.4	336	10.7	---	17.3	On
EW-2021	0.3	0.3	274	13.4	---	14.8	On
EW-2022	0.4	0.5	468	11.2	---	21.9	On
EW-2023	0.4	0.4	543	11.5	---	24.0	On
EW-2024	0.0	0.5	330	10.1	---	16.9	Off
EW-2025	0.8	1.0	1,193	10.8	---	24.0	On
EW-2026	0.7	0.9	975	9.4	---	24.0	On
EW-2027	0.8	1.0	1,109	9.3	---	24.0	On
EW-2028	0.8	0.9	1,085	8.8	---	24.0	On
EW-2029	0.9	1.0	1,294	7.4	---	24.0	On
EW-2030	1.4	1.4	1,910	10.2	---	24.0	On
EW-2031	1.4	1.5	2,000	11.1	---	24.0	On
EW-2032	0.5	0.7	701	8.9	---	24.0	On
EW-2033	0.5	0.7	733	9.5	---	24.0	On
EW-2034	0.6	0.6	842	9.1	27.4	24.0	On
EW-2035	1.1	1.1	1,630	6.5	22.3	24.0	On
EW-2036	0.6	0.6	848	13.1	32.6	24.0	On
EW-2037	0.9	1.0	1,336	4.0	36.8	24.0	On
EW-2101	24.4	24.9	35,445	13.2	56.7	24.0	On
EW-2102	14.7	15.3	21,509	12.9	62.3	24.0	On
EW-2103	5.1	5.2	7,282	20.9	39.6	24.0	On
EW-2104	46.7	47.1	67,256	12.6	66.8	24.0	On
EW-3001	0.0	0.5	40	3.0	13.4	2.5	Off
EW-3002	0.5	0.6	632	2.0	12.9	24.0	On
EW-3003	0.0	0.0	0	3.8	13.2	0.0	Off

Daily Log

December 23, 2015 12AM to December 24, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	2	1.3	---	0.3	Off
EW-3005	2.1	2.1	3,046	-2.5	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.4	1.4	1,927	-2.7	---	24.0	On
EW-3008	0.4	0.5	545	-0.4	---	24.0	On
EW-3009	2.0	2.1	2,878	-0.6	---	24.0	On
EW-3010	1.1	1.2	1,533	-2.1	---	24.0	On
EW-3011	0.6	0.7	889	0.2	26.3	24.0	On
EW-3012	0.6	0.8	892	-6.0	30.4	24.0	On
EW-3013	1.0	1.2	1,530	-6.1	37.8	24.0	On
EW-3014	0.3	0.4	134	-4.4	43.2	8.5	On
EW-3015	1.2	1.3	1,703	-5.9	48.7	24.0	On
EW-3016	0.8	0.9	1,178	-6.4	53.2	24.0	On
EW-3017	0.4	0.8	253	-7.1	55.2	13.0	On
EW-3018	0.4	0.6	127	-9.3	55.2	6.9	On
EW-3019	0.8	1.0	1,305	-2.9	55.9	24.0	On
EW-3020	3.6	3.6	5,194	-2.0	41.0	24.0	On
EW-3021	0.3	0.5	456	-0.2	28.6	22.5	On
EW-3022	0.7	1.1	1,075	-2.3	35.7	24.0	On
EW-3023	1.5	1.7	2,255	0.6	28.0	24.0	On
EW-3024	0.4	0.5	590	1.2	---	23.5	On
EW-3025	2.2	2.7	3,305	-1.2	37.9	24.0	On
EW-3026	2.5	3.9	2,971	-2.8	38.6	19.4	On
EW-3027	0.4	0.5	508	0.3	---	24.0	On
EW-4001	2.9	2.9	4,122	-1.7	33.1	24.0	On
EW-4002	0.0	0.0	0	2.4	13.6	0.0	Off
EW-4003	2.0	2.0	2,787	-19.9	---	24.0	On
EW-4004	1.6	1.6	2,259	-8.8	17.9	24.0	On
EW-4005	1.9	1.9	2,725	-16.2	---	24.0	On
EW-4006	1.5	1.8	2,191	-51.0	33.1	24.0	On
EW-4007	1.0	1.1	1,479	-3.2	37.0	24.0	On
EW-4008	2.9	3.0	4,157	-10.3	40.3	24.0	On
EW-4009	0.8	0.9	1,143	-20.0	38.9	24.0	On
EW-4010	2.0	2.1	2,944	1.3	47.9	24.0	On
EW-4011	2.2	2.2	3,106	-19.1	47.8	24.0	On
EW-5001	1.9	1.9	2,733	-23.3	---	24.0	On
EW-5002	0.0	0.0	0	5.1	22.8	0.0	Off
EW Totals	**162.5**		**233,036**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	231.7	166 GPM
FIT-500	230 GPM	201.0	261 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

December 23, 2015 12AM to December 24, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	28 GPM	0.0
RC-7003	FIT-665	30 GPM	33.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 23, 2015 12AM to December 24, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	50.7
Permeate Flow	FIT-642	0 GPM	36.9
Concentrate Flow	FIT-643	0 GPM	12.9

Inlet Conductivity	CIT-630	1,030.1 µS
Outlet Conductivity	CIT-642	31.0 µS
Hours Run		8.4 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	96.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 24, 2015 12AM to December 25, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,448	1.5	40.9	24.0	On
EW-2002	0.7	0.7	972	6.0	40.3	24.0	On
EW-2003	1.0	1.0	1,438	5.6	37.7	24.0	On
EW-2004	0.5	0.5	703	6.8	32.1	24.0	On
EW-2005	0.4	0.5	561	7.1	29.9	24.0	On
EW-2006	0.8	0.9	1,202	7.1	26.8	24.0	On
EW-2007	1.7	1.7	2,372	7.5	23.3	24.0	On
EW-2008	0.7	0.8	1,007	3.1	23.1	24.0	On
EW-2009	1.1	1.2	1,627	3.3	23.1	24.0	On
EW-2010	0.0	0.4	272	6.6	22.3	15.2	Off
EW-2011	0.3	0.4	324	9.4	20.9	16.9	On
EW-2012	0.0	0.3	142	11.2	13.2	8.2	Off
EW-2013	0.4	0.5	327	17.6	13.3	15.9	On
EW-2014	1.0	1.1	1,457	12.9	17.8	24.0	On
EW-2015	0.5	0.6	645	11.7	14.2	24.0	On
EW-2016	0.6	0.7	724	10.2	---	21.5	On
EW-2017	1.3	1.3	1,880	12.6	---	24.0	On
EW-2018	0.7	0.9	931	10.9	---	24.0	On
EW-2019	0.0	0.4	192	12.3	---	10.4	Off
EW-2020	0.0	0.4	332	11.6	---	17.2	Off
EW-2021	0.0	0.3	275	13.5	---	14.8	Off
EW-2022	0.0	0.5	446	17.8	---	20.5	Off
EW-2023	0.4	0.4	552	11.6	---	24.0	On
EW-2024	0.3	0.5	326	10.5	---	17.0	On
EW-2025	0.8	1.0	1,189	10.8	---	24.0	On
EW-2026	0.7	0.9	971	9.4	---	24.0	On
EW-2027	0.8	1.0	1,102	9.3	---	24.0	On
EW-2028	0.8	0.9	1,081	8.8	---	24.0	On
EW-2029	0.9	1.0	1,291	7.4	---	24.0	On
EW-2030	1.3	1.4	1,909	10.2	---	24.0	On
EW-2031	1.4	1.5	1,996	11.1	---	24.0	On
EW-2032	0.5	0.7	699	8.9	---	24.0	On
EW-2033	0.5	0.7	731	9.4	---	24.0	On
EW-2034	0.6	0.7	836	9.0	26.7	24.0	On
EW-2035	0.0	1.2	1,583	19.6	-3.4	23.2	Off
EW-2036	0.6	0.8	837	13.1	31.0	24.0	On
EW-2037	0.9	1.7	1,326	3.9	29.7	24.0	On
EW-2101	24.2	24.6	34,958	13.1	56.4	24.0	On
EW-2102	14.7	15.0	21,109	12.8	62.3	24.0	On
EW-2103	5.2	5.6	7,301	20.9	37.5	24.0	On
EW-2104	47.1	47.3	67,393	12.5	65.4	24.0	On
EW-3001	0.0	0.5	55	2.4	12.9	3.4	Off
EW-3002	0.5	0.5	637	2.0	12.5	24.0	On
EW-3003	0.0	0.0	0	3.8	12.8	0.0	Off

Daily Log

December 24, 2015 12AM to December 25, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.1	2.1	3,027	-2.5	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.4	1.4	1,916	-2.8	---	24.0	On
EW-3008	0.4	0.5	548	-0.5	---	24.0	On
EW-3009	2.1	2.1	2,876	-0.6	---	24.0	On
EW-3010	1.1	1.1	1,509	-2.1	---	24.0	On
EW-3011	0.7	0.7	849	0.0	25.5	24.0	On
EW-3012	0.6	0.8	890	-6.1	29.7	24.0	On
EW-3013	1.1	1.2	1,519	-6.5	37.2	24.0	On
EW-3014	0.0	0.4	133	-3.8	42.6	8.4	Off
EW-3015	1.2	1.3	1,700	-6.3	48.4	24.0	On
EW-3016	0.9	0.9	1,175	-6.5	53.0	24.0	On
EW-3017	0.0	0.9	248	-5.8	55.0	12.4	Off
EW-3018	0.0	0.6	126	-9.6	55.0	6.6	Off
EW-3019	0.9	1.0	1,302	-3.1	55.6	24.0	On
EW-3020	3.6	3.6	5,191	-2.2	40.7	24.0	On
EW-3021	0.3	0.4	437	0.0	27.1	21.9	On
EW-3022	0.7	0.8	1,006	-2.4	34.2	24.0	On
EW-3023	1.6	5.2	2,236	0.5	27.3	23.9	On
EW-3024	0.4	0.5	572	1.1	---	23.3	On
EW-3025	2.2	2.2	3,146	-1.3	36.4	24.0	On
EW-3026	2.5	2.5	3,607	-2.8	37.1	24.0	On
EW-3027	0.4	0.5	520	0.3	---	24.0	On
EW-4001	3.1	3.1	4,156	-1.8	31.5	24.0	On
EW-4002	0.0	0.0	0	2.5	13.2	0.0	Off
EW-4003	2.0	2.0	2,783	-20.3	---	24.0	On
EW-4004	1.7	1.7	2,271	-9.7	17.1	24.0	On
EW-4005	1.9	2.0	2,734	-17.0	---	24.0	On
EW-4006	1.5	1.6	2,165	-51.1	31.6	24.0	On
EW-4007	1.1	1.1	1,495	-3.3	35.4	24.0	On
EW-4008	3.1	3.1	4,197	-11.4	38.2	24.0	On
EW-4009	0.9	0.9	1,169	-21.6	38.4	24.0	On
EW-4010	0.0	2.1	2,432	2.6	30.9	19.9	Off
EW-4011	0.0	2.2	2,577	3.0	30.5	19.9	Off
EW-5001	2.0	2.0	2,748	-23.9	---	24.0	On
EW-5002	0.0	0.0	0	5.0	17.3	0.0	Off
EW Totals	**156.6**		**231,420**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	230.2	166 GPM
FIT-500	182 GPM	199.9	261 GPM
Effluent Temp	97.5 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

December 24, 2015 12AM to December 24, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	35.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 24, 2015 12AM to December 24, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	49.1
Permeate Flow	FIT-642	0 GPM	35.7
Concentrate Flow	FIT-643	0 GPM	12.6

Inlet Conductivity	CIT-630	1,031.3 µS
Outlet Conductivity	CIT-642	167.6 µS
Hours Run		8.5 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 25, 2015 12AM to December 26, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.3	2,442	1.6	40.6	23.9	On
EW-2002	0.7	5.2	975	6.0	40.0	23.9	On
EW-2003	1.0	3.1	1,445	5.7	37.4	23.9	On
EW-2004	0.5	2.7	688	6.8	31.9	19.1	On
EW-2005	0.4	2.3	550	7.3	29.8	23.0	On
EW-2006	0.9	1.0	1,213	6.0	26.8	23.9	On
EW-2007	1.6	5.0	2,350	7.7	23.3	23.9	On
EW-2008	0.7	4.0	1,004	3.0	23.8	23.9	On
EW-2009	1.1	2.6	1,617	3.2	23.9	23.9	On
EW-2010	0.3	0.6	274	5.2	23.0	15.1	On
EW-2011	0.3	0.6	326	8.3	21.6	16.8	On
EW-2012	0.3	0.5	180	12.2	14.9	10.0	On
EW-2013	0.0	0.6	326	19.0	15.0	16.3	Off
EW-2014	1.0	5.3	1,443	13.0	19.0	23.8	On
EW-2015	0.5	7.4	535	11.8	14.9	19.3	On
EW-2016	0.6	0.8	731	10.1	---	21.4	On
EW-2017	1.3	4.2	1,869	12.7	---	23.9	On
EW-2018	0.7	5.5	926	10.9	---	23.9	On
EW-2019	0.0	0.4	191	13.0	---	10.2	Off
EW-2020	0.4	0.4	333	10.8	---	17.1	On
EW-2021	0.3	0.5	275	12.6	---	14.9	On
EW-2022	0.4	0.7	399	11.5	---	18.8	On
EW-2023	0.4	0.6	548	11.6	---	23.9	On
EW-2024	0.0	0.6	328	10.4	---	16.5	Off
EW-2025	0.8	5.9	1,186	10.8	---	23.9	On
EW-2026	0.7	5.8	966	9.4	---	23.9	On
EW-2027	0.8	6.5	1,092	9.3	---	23.9	On
EW-2028	0.8	6.1	1,078	8.8	---	23.9	On
EW-2029	0.9	6.6	1,288	7.4	---	23.9	On
EW-2030	1.3	7.3	1,897	10.2	---	23.9	On
EW-2031	1.4	7.6	1,975	11.1	---	23.9	On
EW-2032	0.5	7.0	616	8.9	---	20.7	On
EW-2033	0.5	3.1	731	9.4	---	23.9	On
EW-2034	0.6	4.1	827	9.0	26.9	23.9	On
EW-2035	1.1	1.8	1,328	6.4	21.9	19.3	On
EW-2036	0.6	4.3	832	13.2	32.9	23.9	On
EW-2037	0.9	6.0	1,316	3.9	37.5	23.9	On
EW-2101	23.7	25.5	34,241	13.1	57.6	23.9	On
EW-2102	14.4	15.5	20,672	12.9	63.0	23.9	On
EW-2103	5.1	6.6	7,224	20.8	40.1	23.9	On
EW-2104	46.7	48.2	66,984	12.4	66.7	23.9	On
EW-3001	0.0	0.5	11	1.7	14.9	0.7	Off
EW-3002	0.5	0.6	568	1.6	13.9	22.9	On
EW-3003	0.0	0.0	0	3.8	13.8	0.0	Off

Daily Log

December 25, 2015 12AM to December 26, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	6	1.3	---	0.5	Off
EW-3005	2.0	2.1	2,886	-2.2	---	23.7	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.3	1.4	1,881	-2.5	---	23.8	On
EW-3008	0.4	0.5	527	-0.5	---	23.8	On
EW-3009	2.0	2.1	2,865	-0.6	---	23.8	On
EW-3010	1.1	5.7	1,512	-2.2	---	23.8	On
EW-3011	0.6	0.7	882	0.4	25.7	23.8	On
EW-3012	0.0	0.7	471	2.9	29.8	12.7	Off
EW-3013	1.1	5.0	1,537	-6.4	37.5	23.8	On
EW-3014	0.0	0.5	136	-4.2	43.0	8.5	Off
EW-3015	1.2	4.3	1,699	-6.2	49.3	23.8	On
EW-3016	0.8	2.4	1,172	-6.4	54.1	23.8	On
EW-3017	0.3	1.0	250	-6.3	56.1	12.5	On
EW-3018	0.0	0.6	124	-9.3	55.8	6.5	Off
EW-3019	0.9	2.9	1,290	-3.0	56.6	23.8	On
EW-3020	3.6	6.1	5,144	-2.1	40.4	23.8	On
EW-3021	0.3	0.6	441	-0.2	28.8	21.9	On
EW-3022	0.7	5.2	1,011	-2.5	36.0	23.8	On
EW-3023	1.8	5.2	2,366	0.5	27.5	23.8	On
EW-3024	0.4	0.6	551	0.9	---	22.9	On
EW-3025	2.2	2.6	3,096	-1.3	38.2	23.8	On
EW-3026	2.5	4.0	3,563	-2.9	38.9	23.8	On
EW-3027	0.4	0.5	495	0.3	---	23.8	On
EW-4001	2.9	3.1	4,142	-1.8	33.4	23.6	On
EW-4002	2.3	7.0	2,754	-47.1	15.4	19.0	On
EW-4003	1.9	2.0	2,705	-20.5	---	23.6	On
EW-4004	0.0	1.7	1,916	3.4	17.0	20.3	Off
EW-4005	1.9	2.0	2,695	-16.1	---	23.6	On
EW-4006	1.5	5.3	2,148	-51.0	33.3	23.6	On
EW-4007	1.0	1.1	1,211	-3.0	37.2	20.5	On
EW-4008	2.9	3.1	4,137	-9.9	40.8	23.6	On
EW-4009	0.8	0.9	1,133	-19.1	38.6	23.6	On
EW-4010	2.3	2.9	2,618	1.1	50.2	19.0	On
EW-4011	2.1	2.1	2,346	-17.7	49.8	19.0	On
EW-5001	1.9	2.0	2,700	-23.1	---	23.6	On
EW-5002	0.0	0.2	0	5.0	22.5	0.0	Off
EW Totals	**162.0**		**230,211**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	228.5	175 GPM
FIT-500	182 GPM	206.6	260 GPM
Effluent Temp	96.3 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

December 25, 2015 12AM to December 26, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	6 GPM	0.0
RC-7003	FIT-665	6 GPM	20.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 25, 2015 12AM to December 26, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	30.9
Permeate Flow	FIT-642	0 GPM	22.3
Concentrate Flow	FIT-643	0 GPM	8.0

Inlet Conductivity	CIT-630	989.9 µS
Outlet Conductivity	CIT-642	134.6 µS
Hours Run		5.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 26, 2015 12AM to December 27, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,442	1.7	40.9	24.0	On
EW-2002	0.7	0.7	971	6.0	40.4	24.0	On
EW-2003	1.0	1.0	1,425	5.7	37.7	24.0	On
EW-2004	0.5	0.5	704	6.7	32.1	24.0	On
EW-2005	0.4	0.4	544	6.9	30.0	24.0	On
EW-2006	0.8	0.9	1,259	6.8	27.0	24.0	On
EW-2007	1.6	1.7	2,347	7.6	23.5	24.0	On
EW-2008	0.7	0.8	1,003	3.0	23.1	24.0	On
EW-2009	1.1	1.2	1,623	3.2	23.1	24.0	On
EW-2010	0.0	0.4	245	16.8	22.3	13.8	Off
EW-2011	0.0	0.5	323	9.4	20.8	17.0	Off
EW-2012	0.3	0.3	174	12.1	15.3	9.9	On
EW-2013	0.3	0.5	256	17.4	15.4	13.1	On
EW-2014	1.0	1.1	1,436	13.0	19.1	24.0	On
EW-2015	0.5	0.7	670	11.7	15.0	24.0	On
EW-2016	0.0	0.7	613	12.0	---	17.7	Off
EW-2017	1.3	1.3	1,873	12.7	---	24.0	On
EW-2018	0.6	0.9	927	10.9	---	24.0	On
EW-2019	0.3	0.4	193	13.3	---	10.4	On
EW-2020	0.3	0.4	334	10.9	---	17.1	On
EW-2021	0.3	0.3	276	12.9	---	14.8	On
EW-2022	0.4	0.5	503	11.1	---	22.9	On
EW-2023	0.4	0.4	553	11.5	---	24.0	On
EW-2024	0.0	0.5	329	10.9	---	16.5	Off
EW-2025	0.8	1.0	1,196	10.8	---	24.0	On
EW-2026	0.7	7.4	773	9.4	---	18.3	On
EW-2027	0.8	1.0	1,097	9.3	---	24.0	On
EW-2028	0.8	1.0	1,086	8.8	---	24.0	On
EW-2029	0.9	1.1	1,295	7.4	---	24.0	On
EW-2030	1.4	7.4	1,647	10.2	---	20.5	On
EW-2031	1.4	1.5	1,975	11.1	---	24.0	On
EW-2032	0.5	0.7	713	8.9	---	24.0	On
EW-2033	0.5	0.7	730	9.4	---	24.0	On
EW-2034	0.6	0.8	824	9.0	27.3	24.0	On
EW-2035	1.1	1.2	1,629	6.5	22.0	24.0	On
EW-2036	0.6	4.0	740	13.1	33.7	21.0	On
EW-2037	0.9	1.1	1,309	4.0	37.7	24.0	On
EW-2101	23.6	24.0	34,110	13.1	57.9	24.0	On
EW-2102	14.0	14.5	20,501	12.9	63.5	24.0	On
EW-2103	5.1	5.6	7,280	20.7	40.3	24.0	On
EW-2104	46.6	47.3	67,334	12.3	66.8	24.0	On
EW-3001	0.0	0.0	0	1.6	15.2	0.0	Off
EW-3002	0.4	0.5	545	1.7	14.1	22.5	On
EW-3003	0.0	0.0	0	3.8	13.9	0.0	Off

Daily Log

December 26, 2015 12AM to December 27, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	34	1.3	---	3.3	Off
EW-3005	2.0	2.1	2,828	-2.3	---	23.6	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.3	3.9	1,412	-2.4	---	18.0	On
EW-3008	0.4	0.5	543	-0.6	---	24.0	On
EW-3009	2.0	2.1	2,895	-0.7	---	24.0	On
EW-3010	1.0	1.3	1,557	-2.2	---	24.0	On
EW-3011	0.6	0.7	875	0.1	26.1	24.0	On
EW-3012	0.7	5.8	815	-6.2	30.5	20.1	On
EW-3013	1.1	1.5	1,531	-6.3	38.1	24.0	On
EW-3014	0.0	0.4	117	3.9	43.6	7.3	Off
EW-3015	1.2	1.4	1,701	-6.0	49.7	24.0	On
EW-3016	0.8	1.0	1,172	-6.4	54.8	24.0	On
EW-3017	0.0	0.9	250	-7.1	56.6	12.6	Off
EW-3018	0.0	0.6	125	-9.8	56.2	6.5	On
EW-3019	0.9	1.0	1,275	-2.9	57.2	24.0	On
EW-3020	3.6	3.6	5,144	-2.0	40.7	24.0	On
EW-3021	0.4	0.5	452	-0.3	28.9	22.4	On
EW-3022	0.7	0.9	1,022	-2.3	35.8	24.0	On
EW-3023	1.5	5.3	2,013	0.5	28.1	21.0	On
EW-3024	0.4	0.5	565	1.0	---	23.1	On
EW-3025	2.2	2.3	3,139	-1.2	38.0	24.0	On
EW-3026	2.5	2.5	3,573	-2.8	38.6	24.0	On
EW-3027	0.4	0.5	508	0.3	---	24.0	On
EW-4001	3.2	3.2	4,250	-2.6	34.2	24.0	On
EW-4002	2.3	2.4	3,313	-47.2	15.7	24.0	On
EW-4003	2.0	2.0	2,755	-21.4	---	24.0	On
EW-4004	1.6	1.7	1,466	-9.7	17.5	16.1	On
EW-4005	1.9	2.0	2,725	-16.9	---	24.0	On
EW-4006	1.5	1.6	2,136	-51.1	33.3	24.0	On
EW-4007	1.0	1.1	1,456	-3.3	37.0	24.0	On
EW-4008	3.0	3.0	3,554	-11.1	41.1	20.5	On
EW-4009	0.9	0.9	1,175	-21.7	39.2	24.0	On
EW-4010	2.3	2.4	3,346	1.1	50.4	24.0	On
EW-4011	2.1	2.2	2,979	-18.2	50.0	24.0	On
EW-5001	2.0	2.0	2,741	-23.7	---	24.0	On
EW-5002	0.0	0.0	0	4.9	22.6	0.0	Off
EW Totals	**162.5**		**231,245**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	229.7	167 GPM
FIT-500	192 GPM	208.5	265 GPM
Effluent Temp	97.2 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

December 26, 2015 12AM to December 27, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	7 GPM	0.0
RC-7003	FIT-665	7 GPM	29.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 26, 2015 12AM to December 27, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	41.9
Permeate Flow	FIT-642	0 GPM	30.4
Concentrate Flow	FIT-643	0 GPM	10.7

Inlet Conductivity	CIT-630	1,024.0 µS
Outlet Conductivity	CIT-642	155.7 µS
Hours Run		7.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 27, 2015 12AM to December 28, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,445	1.6	39.8	24.0	On
EW-2002	0.7	0.8	966	5.9	39.2	24.0	On
EW-2003	1.0	1.1	1,431	5.6	36.6	24.0	On
EW-2004	0.5	0.6	698	6.7	31.0	24.0	On
EW-2005	0.4	0.5	532	7.2	28.8	23.8	On
EW-2006	0.8	0.9	1,175	7.0	25.8	24.0	On
EW-2007	1.6	1.7	2,357	7.5	22.3	24.0	On
EW-2008	0.7	0.8	1,000	3.2	22.4	24.0	On
EW-2009	1.1	1.2	1,620	3.3	22.7	24.0	On
EW-2010	0.3	0.4	212	6.5	21.7	11.9	On
EW-2011	0.3	0.4	324	9.2	20.3	17.1	On
EW-2012	0.0	0.8	162	11.4	14.2	9.3	Off
EW-2013	0.3	0.5	330	18.1	14.3	16.8	On
EW-2014	1.0	1.4	1,429	12.9	17.1	24.0	On
EW-2015	0.5	0.8	658	11.7	13.8	24.0	On
EW-2016	0.5	0.7	725	11.9	---	21.5	On
EW-2017	1.3	1.3	1,851	12.5	---	24.0	On
EW-2018	0.6	7.4	718	11.0	---	18.3	On
EW-2019	0.0	0.4	192	12.6	---	10.4	Off
EW-2020	0.3	0.4	334	11.4	---	17.2	On
EW-2021	0.3	0.3	225	17.3	---	12.2	On
EW-2022	0.4	0.5	479	11.3	---	21.7	On
EW-2023	0.4	0.4	563	11.5	---	24.0	On
EW-2024	0.3	0.5	326	10.8	---	17.0	On
EW-2025	0.8	1.0	1,184	10.8	---	24.0	On
EW-2026	0.7	0.9	996	9.5	---	24.0	On
EW-2027	0.8	1.0	1,093	9.3	---	24.0	On
EW-2028	0.7	0.9	1,081	8.8	---	24.0	On
EW-2029	0.9	1.0	1,282	7.5	---	24.0	On
EW-2030	1.3	1.5	1,923	10.2	---	24.0	On
EW-2031	1.4	1.5	1,969	11.1	---	24.0	On
EW-2032	0.5	0.7	709	8.9	---	24.0	On
EW-2033	0.5	0.7	728	9.4	---	24.0	On
EW-2034	0.6	0.9	819	8.9	23.1	24.0	On
EW-2035	1.1	1.2	1,633	6.4	20.7	24.0	On
EW-2036	0.6	1.2	861	13.0	29.5	24.0	On
EW-2037	0.0	1.8	1,298	9.0	32.1	23.9	Off
EW-2101	15.1	23.8	28,189	14.4	43.8	24.0	On
EW-2102	15.9	16.0	21,308	12.2	53.6	24.0	On
EW-2103	5.2	10.0	7,313	20.7	34.1	24.0	On
EW-2104	40.1	47.1	66,771	12.5	53.8	24.0	On
EW-3001	0.0	0.0	0	1.5	14.2	0.0	Off
EW-3002	0.4	0.5	538	1.5	13.2	22.4	On
EW-3003	0.0	0.0	0	3.8	13.1	0.0	Off

Daily Log

December 27, 2015 12AM to December 28, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	74	1.2	---	6.0	Off
EW-3005	2.2	2.2	2,258	-2.8	---	18.2	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.4	1.4	1,918	-2.7	---	24.0	On
EW-3008	0.4	0.5	542	-0.7	---	24.0	On
EW-3009	2.1	2.1	2,941	-0.8	---	24.0	On
EW-3010	1.0	1.3	1,530	-2.2	---	24.0	On
EW-3011	0.6	0.9	839	0.1	21.9	22.3	On
EW-3012	0.7	1.6	930	-6.2	25.0	24.0	On
EW-3013	1.1	2.1	1,519	-6.3	30.6	24.0	On
EW-3014	0.0	0.7	114	-4.2	34.5	7.1	Off
EW-3015	0.0	2.2	1,577	9.5	38.6	22.3	Off
EW-3016	1.0	1.6	1,178	-6.4	42.4	24.0	On
EW-3017	0.0	0.7	248	-7.2	43.1	12.6	Off
EW-3018	0.0	0.8	122	-9.2	42.8	6.4	Off
EW-3019	1.0	2.0	1,278	-3.2	43.6	24.0	On
EW-3020	3.5	3.6	5,125	-2.1	39.6	24.0	On
EW-3021	0.0	0.7	353	0.4	25.8	17.6	Off
EW-3022	0.8	5.1	1,003	-2.6	33.1	23.0	On
EW-3023	1.6	2.0	2,229	0.6	23.4	24.0	On
EW-3024	0.4	0.6	556	0.9	---	23.1	On
EW-3025	2.2	2.4	2,693	-1.3	35.2	20.6	On
EW-3026	2.5	2.8	3,599	-2.9	35.8	24.0	On
EW-3027	0.4	0.5	521	0.1	---	24.0	On
EW-4001	3.0	3.4	4,490	-2.4	30.0	24.0	On
EW-4002	2.3	2.5	3,287	-47.1	14.6	24.0	On
EW-4003	2.0	2.0	2,778	-22.2	---	24.0	On
EW-4004	1.7	1.8	2,364	-11.2	16.1	24.0	On
EW-4005	2.0	2.0	2,768	-17.8	---	24.0	On
EW-4006	1.5	2.2	2,118	-51.2	30.3	24.0	On
EW-4007	1.1	1.2	1,489	-3.7	34.2	24.0	On
EW-4008	3.0	3.6	4,257	-11.8	34.9	24.0	On
EW-4009	0.9	1.2	1,194	-21.7	32.1	24.0	On
EW-4010	2.4	2.7	3,343	0.9	47.3	24.0	On
EW-4011	2.4	2.6	3,097	-22.0	47.0	24.0	On
EW-5001	2.0	2.0	2,813	-24.6	---	24.0	On
EW-5002	0.0	0.0	0	4.9	21.2	0.0	Off
EW Totals	**148.4**		**227,591**				

	Value	Total (KGal)	Peak Flow
FIT-100	147 GPM	226.5	166 GPM
FIT-500	184 GPM	197.3	261 GPM
Effluent Temp	97.9 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

December 27, 2015 12AM to December 28, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	31.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 27, 2015 12AM to December 28, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	46.4
Permeate Flow	FIT-642	0 GPM	33.7
Concentrate Flow	FIT-643	0 GPM	11.8

Inlet Conductivity	CIT-630	1,004.1 µS
Outlet Conductivity	CIT-642	113.4 µS
Hours Run		7.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 28, 2015 12AM to December 29, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.7	2,427	1.5	38.0	24.0	On
EW-2002	0.7	3.2	959	6.0	37.4	24.0	On
EW-2003	1.0	3.0	1,439	5.6	34.6	24.0	On
EW-2004	0.5	2.8	694	6.7	29.0	23.8	On
EW-2005	0.4	0.6	509	7.4	26.8	23.7	On
EW-2006	0.8	0.9	1,121	7.3	23.7	24.0	On
EW-2007	1.6	5.2	2,349	7.4	20.2	24.0	On
EW-2008	0.6	4.0	996	3.1	20.3	23.9	On
EW-2009	1.1	2.6	1,610	3.3	20.5	23.9	On
EW-2010	0.3	0.7	273	6.5	19.6	15.4	On
EW-2011	0.3	0.5	323	9.4	18.2	17.0	On
EW-2012	0.3	0.4	155	11.7	12.7	8.9	On
EW-2013	0.3	0.5	323	18.8	12.8	16.4	On
EW-2014	1.0	3.7	1,419	12.9	12.1	23.9	On
EW-2015	0.5	2.5	649	11.8	11.1	24.0	On
EW-2016	0.6	0.7	720	10.3	---	21.5	On
EW-2017	1.3	4.2	1,833	12.7	---	24.0	On
EW-2018	0.6	3.3	926	11.0	---	24.0	On
EW-2019	0.0	0.4	190	11.6	---	10.3	Off
EW-2020	0.0	0.5	328	12.0	---	17.0	Off
EW-2021	0.0	0.3	285	11.9	---	15.4	Off
EW-2022	0.0	0.6	475	11.7	---	22.2	Off
EW-2023	0.4	0.5	567	11.6	---	24.0	On
EW-2024	0.3	0.5	322	10.4	---	17.1	On
EW-2025	0.8	3.6	1,171	10.9	---	24.0	On
EW-2026	0.7	3.4	984	9.4	---	24.0	On
EW-2027	0.7	3.6	1,082	9.3	---	24.0	On
EW-2028	0.7	3.7	1,072	8.8	---	24.0	On
EW-2029	0.9	4.0	1,274	7.4	---	24.0	On
EW-2030	1.3	5.6	1,904	10.2	---	24.0	On
EW-2031	1.4	5.8	1,951	11.1	---	24.0	On
EW-2032	0.5	2.4	703	8.9	---	24.0	On
EW-2033	0.5	2.5	722	9.4	---	24.0	On
EW-2034	0.6	2.4	816	9.0	17.9	24.0	On
EW-2035	1.1	1.7	1,625	6.3	18.5	24.0	On
EW-2036	0.6	3.4	846	13.2	20.1	23.9	On
EW-2037	0.9	5.8	1,096	3.9	21.9	19.5	On
EW-2101	10.1	23.9	16,292	15.4	28.4	23.9	On
EW-2102	10.0	17.1	16,577	15.0	32.6	23.9	On
EW-2103	5.2	11.5	7,313	20.7	18.7	23.9	On
EW-2104	16.2	47.9	39,717	14.1	21.0	23.9	On
EW-3001	0.0	0.0	0	1.5	12.6	0.0	Off
EW-3002	0.3	0.6	450	1.9	11.6	20.5	On
EW-3003	0.0	0.0	0	3.8	11.5	0.0	Off

Daily Log

December 28, 2015 12AM to December 29, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	1	1.2	---	0.1	Off
EW-3005	2.1	2.2	3,062	-2.7	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.3	1.5	1,930	-2.7	---	23.9	On
EW-3008	0.4	0.5	530	-0.8	---	23.9	On
EW-3009	2.0	2.1	2,897	-0.8	---	23.9	On
EW-3010	1.0	5.5	1,376	-2.2	---	23.9	On
EW-3011	0.6	0.9	880	-0.2	16.7	23.8	On
EW-3012	0.7	5.3	914	-6.0	18.3	23.9	On
EW-3013	1.1	5.4	1,512	-6.3	21.6	23.9	On
EW-3014	0.0	0.9	136	-4.1	23.7	8.5	Off
EW-3015	1.2	5.2	1,600	-6.2	25.7	22.3	On
EW-3016	0.8	3.1	1,201	-6.4	27.9	23.9	On
EW-3017	0.0	1.1	249	-7.1	28.1	12.8	Off
EW-3018	0.0	1.0	124	-9.5	27.9	7.0	Off
EW-3019	1.0	2.7	1,281	-3.2	28.7	23.9	On
EW-3020	3.6	6.4	5,090	-2.1	37.7	23.9	On
EW-3021	0.3	0.5	354	-0.4	19.1	18.7	On
EW-3022	0.7	4.6	982	-2.4	25.9	23.9	On
EW-3023	1.5	5.2	2,167	0.5	17.6	23.9	On
EW-3024	0.5	0.5	576	0.7	---	22.1	On
EW-3025	2.1	2.8	3,013	-1.3	28.1	23.9	On
EW-3026	2.4	4.1	3,460	-2.9	28.6	23.9	On
EW-3027	0.4	0.5	482	0.1	---	22.6	On
EW-4001	3.1	3.4	4,262	-2.7	20.6	23.8	On
EW-4002	2.2	6.4	3,268	-46.9	13.1	23.8	On
EW-4003	1.9	2.0	2,731	-22.0	---	23.8	On
EW-4004	1.5	1.8	2,249	-9.2	14.2	23.8	On
EW-4005	1.9	2.0	2,711	-17.3	---	23.8	On
EW-4006	1.5	5.5	2,094	-51.0	23.4	23.8	On
EW-4007	1.1	1.2	1,456	-3.8	27.1	23.8	On
EW-4008	2.9	3.3	4,222	-11.6	19.5	23.8	On
EW-4009	0.8	1.2	1,144	-20.2	23.4	23.8	On
EW-4010	2.4	2.6	3,316	0.7	35.2	23.8	On
EW-4011	2.0	2.5	3,054	-18.1	34.7	23.8	On
EW-5001	1.9	2.1	2,743	-23.4	---	23.8	On
EW-5002	0.0	0.9	9	4.9	19.0	0.2	Off
EW Totals	**113.7**		**183,565**				

	Value	Total (KGal)	Peak Flow
FIT-100	114 GPM	183.3	159 GPM
FIT-500	198 GPM	146.6	260 GPM
Effluent Temp	96.3 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

December 28, 2015 12AM to December 29, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	36.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 28, 2015 12AM to December 29, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	51.2
Permeate Flow	FIT-642	0 GPM	37.1
Concentrate Flow	FIT-643	0 GPM	13.2

Inlet Conductivity	CIT-630	1,050.9 µS
Outlet Conductivity	CIT-642	90.6 µS
Hours Run		8.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.4 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 29, 2015 12AM to December 30, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.8	2,254	1.4	40.2	21.8	On
EW-2002	0.7	5.5	908	5.9	39.6	21.8	On
EW-2003	1.1	3.4	1,385	5.3	36.8	21.8	On
EW-2004	0.5	3.5	663	6.7	30.9	21.1	On
EW-2005	0.4	0.7	478	7.1	29.0	21.6	On
EW-2006	0.8	1.0	1,009	7.3	26.1	21.8	On
EW-2007	1.7	5.4	2,167	7.4	22.6	21.8	On
EW-2008	0.7	4.3	939	3.2	22.9	21.5	On
EW-2009	1.1	2.7	1,475	3.4	23.0	21.6	On
EW-2010	0.3	0.7	261	5.1	22.1	14.3	On
EW-2011	0.3	0.6	305	8.9	20.6	15.7	On
EW-2012	0.3	0.4	150	13.0	14.9	8.6	On
EW-2013	0.0	0.6	298	17.2	14.9	15.0	Off
EW-2014	1.0	5.6	1,306	12.9	18.8	21.7	On
EW-2015	0.5	7.7	606	11.8	14.8	21.9	On
EW-2016	0.5	0.9	656	11.6	---	19.5	On
EW-2017	1.3	4.3	1,711	12.6	---	21.9	On
EW-2018	0.6	7.5	864	11.0	---	21.9	On
EW-2019	0.3	0.6	181	12.2	---	9.7	On
EW-2020	0.3	0.6	308	11.8	---	15.9	On
EW-2021	0.3	0.5	261	12.2	---	14.1	On
EW-2022	0.3	0.7	438	12.9	---	21.0	On
EW-2023	0.4	0.6	477	11.6	---	21.9	On
EW-2024	0.3	0.7	304	10.4	---	15.6	On
EW-2025	0.8	7.3	1,096	10.9	---	21.7	On
EW-2026	0.7	7.4	921	9.4	---	21.9	On
EW-2027	0.8	7.4	1,019	9.3	---	21.9	On
EW-2028	0.8	7.4	1,005	8.8	---	21.9	On
EW-2029	0.9	7.4	1,190	7.5	---	21.8	On
EW-2030	1.4	7.4	1,759	10.2	---	21.9	On
EW-2031	1.4	7.7	1,808	11.1	---	21.9	On
EW-2032	0.5	7.0	659	8.9	---	21.9	On
EW-2033	0.5	3.2	676	9.6	---	21.9	On
EW-2034	0.6	4.3	765	8.8	23.0	21.9	On
EW-2035	1.1	1.9	1,500	6.3	20.8	21.9	On
EW-2036	0.6	4.9	783	13.0	32.8	21.6	On
EW-2037	0.9	6.5	1,228	3.8	36.6	21.6	On
EW-2101	20.0	26.8	18,997	14.2	44.3	21.8	On
EW-2102	10.1	16.3	14,829	15.0	46.7	21.8	On
EW-2103	5.2	10.8	6,561	20.8	39.8	21.6	On
EW-2104	46.7	48.4	39,118	12.9	67.1	21.6	On
EW-3001	0.0	0.5	14	1.8	14.8	0.7	Off
EW-3002	0.5	0.6	442	1.8	13.7	19.2	On
EW-3003	0.0	0.5	16	3.8	13.7	0.8	Off

Daily Log

December 29, 2015 12AM to December 30, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	58	1.2	---	3.8	Off
EW-3005	2.0	2.1	2,554	-2.2	---	20.8	On
EW-3006	0.0	0.5	25	0.4	---	1.2	Off
EW-3007	1.3	1.6	1,603	-2.3	---	20.8	On
EW-3008	0.4	0.7	442	-0.5	---	20.8	On
EW-3009	2.0	2.2	2,475	-0.6	---	20.8	On
EW-3010	1.2	5.9	1,481	-2.2	---	20.8	On
EW-3011	0.6	1.0	772	0.1	21.8	20.8	On
EW-3012	0.6	6.1	842	-6.2	24.8	20.8	On
EW-3013	1.0	5.8	1,364	-6.5	30.3	20.8	On
EW-3014	0.3	0.6	131	-3.5	34.2	7.8	On
EW-3015	1.2	5.7	1,528	-6.3	38.3	20.8	On
EW-3016	0.8	3.5	1,077	-6.7	41.7	20.8	On
EW-3017	0.0	1.0	234	-5.6	43.2	11.7	Off
EW-3018	0.0	0.7	120	-9.1	43.0	6.6	Off
EW-3019	0.9	3.7	1,149	-3.1	43.9	20.5	On
EW-3020	3.6	6.4	4,527	-2.2	40.0	20.8	On
EW-3021	0.0	0.7	371	-0.1	28.0	17.9	Off
EW-3022	0.8	5.6	979	-2.6	36.0	20.8	On
EW-3023	1.6	5.4	2,051	0.4	23.2	20.8	On
EW-3024	0.5	0.7	525	1.2	---	20.8	On
EW-3025	2.2	2.9	2,699	-1.3	38.4	20.8	On
EW-3026	2.5	4.0	3,181	-2.9	39.1	20.8	On
EW-3027	0.4	0.6	415	0.3	---	20.8	On
EW-4001	2.9	3.4	3,726	-1.7	33.5	20.6	On
EW-4002	2.3	6.9	2,930	-47.0	15.3	20.6	On
EW-4003	1.9	2.8	2,345	-20.4	---	20.6	On
EW-4004	1.5	1.9	1,854	-8.1	16.4	20.6	On
EW-4005	1.9	2.2	2,323	-15.0	---	20.6	On
EW-4006	1.5	5.9	1,917	-51.2	32.8	20.6	On
EW-4007	1.1	1.2	1,302	-3.3	37.1	20.6	On
EW-4008	2.9	3.7	3,585	-9.8	40.7	20.6	On
EW-4009	0.8	1.3	965	-17.7	31.7	20.6	On
EW-4010	2.1	2.6	2,827	1.5	47.7	20.6	On
EW-4011	2.1	2.5	2,534	-17.2	47.3	20.6	On
EW-5001	1.9	2.2	2,334	-22.1	---	20.6	On
EW-5002	0.0	0.0	0	5.2	21.4	0.0	Off
EW Totals	**155.5**		**173,033**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	173.0	177 GPM
FIT-500	194 GPM	146.7	260 GPM
Effluent Temp	97.4 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

December 29, 2015 12AM to December 30, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	34.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 29, 2015 12AM to December 30, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	98 GPM	49.6
Permeate Flow	FIT-642	71 GPM	36.0
Concentrate Flow	FIT-643	25 GPM	12.8

Inlet Conductivity	CIT-630	1,012.2 µS
Outlet Conductivity	CIT-642	27.5 µS
Hours Run		8.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 30, 2015 12AM to December 31, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.4	2,426	1.4	41.3	23.4	On
EW-2002	0.7	5.5	1,004	5.3	40.7	23.4	On
EW-2003	1.2	3.2	1,566	4.5	37.8	23.4	On
EW-2004	0.5	3.9	719	6.7	31.8	23.4	On
EW-2005	0.4	0.6	522	7.2	29.8	23.1	On
EW-2006	0.6	0.9	965	8.9	26.7	23.4	On
EW-2007	1.7	5.2	2,331	7.4	23.4	23.4	On
EW-2008	0.7	4.1	1,017	2.6	23.7	23.4	On
EW-2009	1.1	2.6	1,592	3.4	23.8	23.4	On
EW-2010	0.3	0.7	268	6.1	22.9	15.1	On
EW-2011	0.3	0.7	319	9.3	21.4	16.9	On
EW-2012	0.3	0.4	168	12.7	15.1	9.6	On
EW-2013	0.3	0.5	311	17.3	15.2	16.0	On
EW-2014	1.0	5.6	1,394	13.0	18.8	23.4	On
EW-2015	0.4	7.6	639	11.8	14.8	23.4	On
EW-2016	0.6	0.7	708	10.3	---	21.9	On
EW-2017	1.4	4.3	1,879	12.1	---	23.4	On
EW-2018	0.6	7.5	911	11.0	---	23.4	On
EW-2019	0.3	0.5	187	12.5	---	10.1	On
EW-2020	0.3	0.5	322	11.6	---	16.8	On
EW-2021	0.0	0.4	278	13.0	---	15.1	Off
EW-2022	0.4	0.6	464	11.2	---	21.7	On
EW-2023	0.5	0.6	593	11.6	---	23.4	On
EW-2024	0.3	0.5	315	10.8	---	17.1	On
EW-2025	0.8	7.3	1,166	10.8	---	23.4	On
EW-2026	0.7	7.4	973	9.4	---	23.4	On
EW-2027	0.8	7.3	1,074	9.3	---	23.4	On
EW-2028	0.7	7.3	1,056	8.8	---	23.4	On
EW-2029	0.9	7.3	1,262	7.4	---	23.4	On
EW-2030	1.4	7.4	1,921	9.8	---	23.4	On
EW-2031	1.4	7.6	1,969	10.9	---	23.4	On
EW-2032	0.5	7.0	695	8.9	---	23.4	On
EW-2033	0.5	3.1	713	9.4	---	23.4	On
EW-2034	0.6	4.2	837	7.9	25.3	23.4	On
EW-2035	1.1	1.8	1,597	6.4	21.6	23.4	On
EW-2036	0.6	4.9	842	13.1	32.7	23.4	On
EW-2037	0.9	6.6	1,304	4.0	36.5	23.4	On
EW-2101	20.0	20.9	24,734	14.0	52.1	23.4	On
EW-2102	14.5	14.9	16,345	12.8	59.8	23.4	On
EW-2103	5.1	11.2	7,155	20.7	39.7	23.4	On
EW-2104	46.7	47.1	54,713	12.6	66.8	23.4	On
EW-3001	0.0	0.0	0	1.5	14.9	0.0	Off
EW-3002	0.3	0.6	436	2.2	13.9	20.0	On
EW-3003	0.0	0.0	0	3.8	13.8	0.0	Off

Daily Log

December 30, 2015 12AM to December 31, 2015 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	5	1.3	---	0.3	Off
EW-3005	1.9	2.0	2,754	-2.8	---	23.4	On
EW-3006	0.0	0.4	2	0.4	---	0.1	Off
EW-3007	1.6	5.5	2,040	-3.7	---	23.4	On
EW-3008	0.0	0.5	418	-0.3	---	20.1	Off
EW-3009	3.4	7.0	3,751	-2.0	---	23.4	On
EW-3010	1.0	5.9	1,557	-2.1	---	23.4	On
EW-3011	0.0	0.9	761	0.7	23.9	21.5	Off
EW-3012	0.6	5.8	909	-6.2	27.8	23.4	On
EW-3013	1.1	5.4	1,496	-6.5	34.6	23.4	On
EW-3014	0.0	0.7	138	-4.5	39.6	8.6	Off
EW-3015	1.2	5.1	1,673	-6.3	45.0	23.4	On
EW-3016	0.8	3.3	1,178	-6.7	49.5	23.4	On
EW-3017	0.4	0.7	245	-5.1	51.1	12.7	On
EW-3018	0.0	0.6	124	-9.4	50.8	7.3	Off
EW-3019	0.9	3.8	1,279	-3.0	51.8	23.4	On
EW-3020	3.6	6.0	5,078	-2.2	41.0	23.4	On
EW-3021	0.3	0.7	318	-0.3	28.3	16.8	On
EW-3022	0.6	5.6	1,002	-2.4	35.1	23.4	On
EW-3023	1.5	5.4	2,193	0.5	25.6	23.4	On
EW-3024	0.4	0.5	584	0.9	---	22.9	On
EW-3025	2.1	2.8	2,994	-1.3	37.2	23.4	On
EW-3026	2.4	3.9	3,480	-2.9	37.8	23.4	On
EW-3027	0.0	0.5	241	-0.1	---	11.8	Off
EW-4001	3.0	3.5	4,173	-2.0	33.4	23.3	On
EW-4002	2.2	6.9	3,247	-47.0	15.3	23.3	On
EW-4003	1.9	4.3	2,702	-21.3	---	23.3	On
EW-4004	1.5	1.8	2,154	-9.0	17.2	23.3	On
EW-4005	1.9	2.1	2,678	-15.4	---	23.3	On
EW-4006	1.5	5.9	2,138	-50.8	32.6	23.3	On
EW-4007	1.1	1.2	1,477	-3.5	36.2	23.3	On
EW-4008	2.9	3.7	4,124	-10.5	40.5	23.3	On
EW-4009	0.9	1.2	1,094	-20.1	35.8	23.3	On
EW-4010	2.1	2.6	3,004	1.2	47.4	23.3	On
EW-4011	2.1	2.4	2,963	-17.6	47.2	23.3	On
EW-5001	1.9	2.2	2,698	-23.1	---	23.3	On
EW-5002	0.0	0.0	0	5.1	22.2	0.0	Off
EW Totals	**160.0**		**206,363**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	205.4	173 GPM
FIT-500	180 GPM	173.2	261 GPM
Effluent Temp	97.2 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

December 30, 2015 12AM to December 31, 2015 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	35.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 30, 2015 12AM to December 31, 2015 12AM

		Value	Total (KGal)
Flow In	FIT-600	6 GPM	50.3
Permeate Flow	FIT-642	0 GPM	36.4
Concentrate Flow	FIT-643	0 GPM	13.0

Inlet Conductivity	CIT-630	1,025.5 µS
Outlet Conductivity	CIT-642	198.5 µS
Hours Run		8.8 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	97.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

December 31, 2015 12AM to January 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,465	1.5	41.4	24.0	On
EW-2002	0.7	0.8	1,050	5.6	40.9	24.0	On
EW-2003	1.2	1.2	1,672	4.8	38.0	24.0	On
EW-2004	0.5	0.5	711	6.8	32.1	24.0	On
EW-2005	0.4	0.4	541	7.3	30.2	24.0	On
EW-2006	0.5	0.6	814	10.0	27.2	24.0	On
EW-2007	1.6	1.7	2,349	7.7	23.8	24.0	On
EW-2008	0.7	0.8	1,046	2.4	23.5	24.0	On
EW-2009	1.1	1.2	1,636	3.2	23.6	24.0	On
EW-2010	0.0	0.4	271	5.8	22.7	15.4	Off
EW-2011	0.0	0.4	322	8.6	21.2	17.0	Off
EW-2012	0.0	0.3	164	13.5	14.7	9.4	On
EW-2013	0.3	0.5	309	18.8	14.7	15.3	On
EW-2014	1.0	1.0	1,409	12.9	18.7	24.0	On
EW-2015	0.5	0.6	642	11.7	14.8	24.0	On
EW-2016	0.6	0.6	743	10.0	---	23.2	On
EW-2017	1.4	1.4	1,961	12.2	---	24.0	On
EW-2018	0.6	0.9	915	10.9	---	24.0	On
EW-2019	0.3	0.4	143	12.6	---	7.8	On
EW-2020	0.0	0.4	325	10.5	---	16.9	Off
EW-2021	0.0	0.3	285	12.2	---	15.4	Off
EW-2022	0.4	0.5	467	11.3	---	21.4	On
EW-2023	0.5	0.5	588	11.6	---	21.3	On
EW-2024	0.0	0.5	317	10.1	---	17.7	Off
EW-2025	0.8	1.0	1,174	10.8	---	24.0	On
EW-2026	0.7	0.9	979	9.4	---	24.0	On
EW-2027	0.8	0.9	1,078	9.3	---	24.0	On
EW-2028	0.7	0.9	1,064	8.8	---	24.0	On
EW-2029	0.9	1.0	1,278	7.3	---	24.0	On
EW-2030	1.4	1.5	2,010	9.7	---	24.0	On
EW-2031	1.4	1.5	2,033	10.8	---	24.0	On
EW-2032	0.5	0.7	700	8.9	---	24.0	On
EW-2033	0.5	0.7	716	9.4	---	24.0	On
EW-2034	0.6	0.8	884	8.1	28.1	24.0	On
EW-2035	1.1	1.1	1,609	6.6	22.4	24.0	On
EW-2036	0.6	0.6	841	13.2	32.7	24.0	On
EW-2037	0.9	1.0	1,304	3.9	36.5	24.0	On
EW-2101	25.8	26.0	32,874	12.8	61.5	24.0	On
EW-2102	12.9	14.5	19,718	13.1	66.0	24.0	On
EW-2103	5.2	5.2	7,324	20.6	39.7	24.0	On
EW-2104	46.5	47.0	67,168	12.3	66.9	24.0	On
EW-3001	0.0	0.0	0	1.5	14.6	0.0	Off
EW-3002	0.0	0.5	321	2.3	13.6	17.0	Off
EW-3003	0.0	0.0	0	3.8	13.6	0.0	Off

Daily Log

December 31, 2015 12AM to January 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	1.8	1.9	2,686	-2.7	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	1.6	2,214	-3.6	---	24.0	On
EW-3008	0.0	0.4	260	-0.5	---	15.6	Off
EW-3009	3.3	3.4	4,838	-1.9	---	24.0	On
EW-3010	1.0	1.1	1,413	-2.2	---	24.0	On
EW-3011	0.7	0.7	623	-0.2	26.7	18.5	On
EW-3012	0.7	1.0	909	-6.1	30.9	24.0	On
EW-3013	1.1	2.7	1,504	-6.3	38.7	24.0	On
EW-3014	0.0	0.4	135	-4.3	44.8	8.6	Off
EW-3015	1.2	1.3	1,685	-6.0	51.6	24.0	On
EW-3016	0.8	0.9	1,184	-6.3	56.9	24.0	On
EW-3017	0.4	0.7	247	-7.2	59.9	12.7	On
EW-3018	0.0	0.6	124	-9.7	59.6	6.6	Off
EW-3019	0.9	1.0	1,284	-2.9	60.5	24.0	On
EW-3020	3.6	3.6	5,144	-2.1	41.1	24.0	On
EW-3021	0.0	0.4	222	0.9	27.9	12.6	Off
EW-3022	0.7	0.7	946	-2.5	34.7	24.0	On
EW-3023	1.5	3.2	2,165	0.6	28.5	24.0	On
EW-3024	0.4	0.5	528	1.0	---	22.6	On
EW-3025	2.1	2.1	2,972	-1.2	36.8	24.0	On
EW-3026	2.4	2.4	3,451	-2.8	37.4	24.0	On
EW-3027	0.0	0.0	0	-0.1	---	0.0	Off
EW-4001	3.0	3.0	4,241	-2.4	33.3	24.0	On
EW-4002	2.3	2.4	3,266	-47.1	14.9	24.0	On
EW-4003	2.0	2.0	2,763	-21.8	---	24.0	On
EW-4004	1.6	1.6	2,182	-9.2	17.9	24.0	On
EW-4005	1.9	1.9	2,730	-16.0	---	24.0	On
EW-4006	1.5	1.6	2,136	-51.1	32.2	24.0	On
EW-4007	1.1	1.1	1,522	-4.0	35.9	24.0	On
EW-4008	2.9	3.0	4,158	-11.2	40.6	24.0	On
EW-4009	0.8	0.9	1,161	-20.8	39.7	24.0	On
EW-4010	2.1	2.1	2,978	0.9	47.4	24.0	On
EW-4011	2.1	2.1	2,957	-18.3	47.1	24.0	On
EW-5001	1.9	2.0	2,747	-23.2	---	24.0	On
EW-5002	0.0	0.0	0	5.1	23.0	0.0	Off
EW Totals	**162.6**		**231,591**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	229.9	166 GPM
FIT-500	198 GPM	191.0	261 GPM
Effluent Temp	96.8 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

December 31, 2015 12AM to January 1, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	35.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

December 31, 2015 12AM to January 1, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	52.2
Permeate Flow	FIT-642	0 GPM	37.8
Concentrate Flow	FIT-643	0 GPM	13.4

Inlet Conductivity	CIT-630	1,026.9 µS
Outlet Conductivity	CIT-642	168.4 µS
Hours Run		8.8 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	97.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 1, 2016 12AM to January 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.3	2,070	1.4	41.9	20.0	On
EW-2002	0.7	5.2	1,039	5.3	41.3	23.8	On
EW-2003	1.2	2.4	1,673	4.8	38.4	23.8	On
EW-2004	0.5	3.2	707	6.7	32.4	23.7	On
EW-2005	0.4	0.6	509	7.2	30.4	23.4	On
EW-2006	0.5	0.7	721	9.9	27.3	23.8	On
EW-2007	1.6	4.9	2,321	7.6	24.2	23.8	On
EW-2008	0.7	3.8	1,037	2.6	24.6	23.8	On
EW-2009	1.1	2.8	1,407	3.4	24.6	20.6	On
EW-2010	0.3	0.7	269	5.9	23.8	15.1	On
EW-2011	0.3	0.7	319	8.8	22.3	16.8	On
EW-2012	0.3	0.5	173	12.4	15.0	9.8	On
EW-2013	0.0	0.6	309	18.7	15.0	15.0	Off
EW-2014	1.0	5.3	1,390	12.9	19.0	23.8	On
EW-2015	0.4	6.1	640	11.8	15.0	23.8	On
EW-2016	0.6	0.7	758	9.9	---	23.8	On
EW-2017	1.4	4.2	1,928	12.1	---	23.8	On
EW-2018	0.6	6.9	907	11.1	---	23.8	On
EW-2019	0.3	0.6	189	11.6	---	10.1	On
EW-2020	0.0	0.6	322	11.6	---	16.5	Off
EW-2021	0.3	0.5	285	11.6	---	15.3	On
EW-2022	0.0	0.7	466	13.0	---	22.0	On
EW-2023	0.5	0.6	652	11.6	---	23.8	On
EW-2024	0.3	0.6	313	10.2	---	15.1	On
EW-2025	0.8	6.7	1,157	10.8	---	23.8	On
EW-2026	0.7	6.7	966	9.5	---	23.8	On
EW-2027	0.7	6.7	1,068	9.4	---	23.8	On
EW-2028	0.7	6.7	1,055	8.9	---	23.8	On
EW-2029	0.9	6.7	1,267	7.4	---	23.8	On
EW-2030	1.4	6.8	1,987	9.7	---	23.8	On
EW-2031	1.4	7.0	2,007	10.9	---	23.8	On
EW-2032	0.5	6.2	692	9.0	---	23.8	On
EW-2033	0.5	2.5	716	9.4	---	23.8	On
EW-2034	0.6	3.5	876	8.1	28.1	23.8	On
EW-2035	1.1	1.6	1,592	6.4	22.5	23.8	On
EW-2036	0.6	4.2	822	13.1	33.4	23.8	On
EW-2037	0.9	5.6	1,291	3.9	37.5	23.8	On
EW-2101	25.8	27.5	36,833	12.6	61.0	23.8	On
EW-2102	13.0	13.8	18,554	12.9	65.6	23.8	On
EW-2103	5.1	5.5	7,195	20.6	40.1	23.8	On
EW-2104	46.6	48.0	66,550	12.1	67.4	23.8	On
EW-3001	0.0	0.0	0	1.5	14.9	0.0	Off
EW-3002	0.3	0.6	313	1.8	13.9	15.5	On
EW-3003	0.0	0.0	0	3.8	13.9	0.0	Off

Daily Log

January 1, 2016 12AM to January 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	2	1.3	---	0.1	Off
EW-3005	1.7	1.8	2,508	-2.4	---	23.8	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	5.3	2,174	-3.6	---	23.8	On
EW-3008	0.2	0.6	373	-0.5	---	19.3	On
EW-3009	3.4	6.8	4,784	-1.9	---	23.8	On
EW-3010	1.0	5.8	1,390	-2.1	---	23.8	On
EW-3011	0.5	0.7	619	0.6	26.8	18.4	On
EW-3012	0.6	5.3	901	-5.9	30.6	23.8	On
EW-3013	1.0	4.9	1,495	-6.3	38.3	23.8	On
EW-3014	0.0	0.5	135	-4.2	44.4	8.6	Off
EW-3015	1.1	4.1	1,676	-6.1	51.1	23.8	On
EW-3016	0.8	2.4	1,171	-6.6	56.5	23.8	On
EW-3017	0.0	0.8	240	-5.3	59.4	12.1	Off
EW-3018	0.3	0.7	122	-9.6	59.2	6.4	On
EW-3019	0.8	2.9	1,272	-2.9	60.2	23.8	On
EW-3020	3.6	6.1	5,070	-2.2	41.6	23.8	On
EW-3021	0.3	0.5	236	0.3	28.5	13.2	On
EW-3022	0.6	4.6	931	-2.5	35.1	23.8	On
EW-3023	1.5	5.1	2,160	0.7	28.4	23.8	On
EW-3024	0.3	0.6	522	1.6	---	22.0	On
EW-3025	2.1	2.3	2,925	-1.3	37.3	23.8	On
EW-3026	2.4	3.5	3,405	-2.9	37.8	23.8	On
EW-3027	0.0	0.5	6	0.0	---	0.3	Off
EW-4001	3.1	3.1	4,229	-2.6	34.0	23.8	On
EW-4002	2.2	6.3	3,241	-47.1	15.2	23.8	On
EW-4003	1.9	2.3	2,717	-22.1	---	23.8	On
EW-4004	1.6	1.8	2,220	-10.3	18.1	23.8	On
EW-4005	1.9	2.2	2,696	-15.9	---	23.8	On
EW-4006	1.4	4.7	2,116	-51.0	32.7	23.8	On
EW-4007	1.1	1.1	1,501	-3.8	36.3	23.8	On
EW-4008	2.9	3.0	4,122	-10.8	41.0	23.8	On
EW-4009	0.8	0.9	1,139	-20.0	39.2	23.8	On
EW-4010	2.4	2.7	3,027	0.9	50.3	23.8	On
EW-4011	2.1	2.1	2,930	-18.5	50.1	23.8	On
EW-5001	1.9	2.2	2,715	-23.3	---	23.8	On
EW-5002	0.0	0.0	0	5.1	23.1	0.0	Off
EW Totals	**163.6**		**232,117**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	230.4	199 GPM
FIT-500	201 GPM	207.7	261 GPM
Effluent Temp	96.3 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

January 1, 2016 12AM to January 2, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	31.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 1, 2016 12AM to January 2, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	46.5
Permeate Flow	FIT-642	0 GPM	33.5
Concentrate Flow	FIT-643	0 GPM	12.1

Inlet Conductivity	CIT-630	1,050.6 µS
Outlet Conductivity	CIT-642	155.4 µS
Hours Run		7.9 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 2, 2016 12AM to January 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.5	2,448	1.4	38.0	23.7	On
EW-2002	0.7	5.6	1,042	5.6	37.5	23.7	On
EW-2003	1.2	2.8	1,683	4.7	34.7	23.7	On
EW-2004	0.5	4.0	705	7.0	28.7	23.6	On
EW-2005	0.4	0.6	525	7.3	26.7	23.5	On
EW-2006	0.5	0.6	744	9.9	23.7	23.7	On
EW-2007	1.6	5.3	2,315	7.7	20.4	23.7	On
EW-2008	0.8	4.2	1,032	2.6	20.7	23.7	On
EW-2009	1.2	2.7	1,607	3.4	20.8	23.6	On
EW-2010	0.0	0.7	269	5.3	19.9	15.2	Off
EW-2011	0.4	0.7	319	8.2	18.4	16.8	On
EW-2012	0.0	0.4	161	13.5	14.8	9.2	Off
EW-2013	0.4	0.5	305	18.2	14.9	15.0	On
EW-2014	1.0	5.6	1,391	13.3	18.6	23.8	On
EW-2015	0.6	7.2	647	12.0	14.7	23.8	On
EW-2016	0.6	0.6	752	10.5	---	23.4	On
EW-2017	1.4	4.4	1,955	12.2	---	23.8	On
EW-2018	0.8	7.4	907	11.2	---	23.8	On
EW-2019	0.0	0.5	191	11.4	---	10.4	Off
EW-2020	0.4	0.4	327	10.2	---	17.0	On
EW-2021	0.3	0.4	286	13.5	---	15.5	On
EW-2022	0.4	0.6	466	11.6	---	21.5	On
EW-2023	0.5	0.5	644	11.6	---	23.8	On
EW-2024	0.0	0.5	315	10.3	---	17.5	Off
EW-2025	1.0	7.3	1,165	11.1	---	23.7	On
EW-2026	0.9	7.4	967	9.7	---	23.8	On
EW-2027	0.9	7.3	1,069	9.6	---	23.8	On
EW-2028	0.9	7.3	1,061	9.1	---	23.8	On
EW-2029	1.0	7.4	1,267	7.6	---	23.8	On
EW-2030	1.5	7.4	1,989	10.0	---	23.8	On
EW-2031	1.5	7.7	2,003	11.1	---	23.8	On
EW-2032	0.7	6.2	694	9.2	---	23.8	On
EW-2033	0.7	2.9	719	9.6	---	23.8	On
EW-2034	0.6	4.3	866	8.3	17.1	23.6	On
EW-2035	1.1	1.9	1,599	6.6	18.4	23.8	On
EW-2036	0.6	4.6	819	13.2	32.6	23.7	On
EW-2037	0.9	6.1	1,281	4.1	37.0	23.7	On
EW-2101	0.0	26.0	12,184	16.4	23.1	7.9	Off
EW-2102	15.0	16.9	20,692	13.1	35.5	23.7	On
EW-2103	5.0	5.3	7,230	20.6	39.7	23.7	On
EW-2104	46.8	48.3	66,305	12.1	66.5	23.7	On
EW-3001	0.0	0.0	0	1.5	14.7	0.0	Off
EW-3002	0.4	0.5	351	1.6	13.7	18.0	On
EW-3003	0.0	0.0	0	3.8	13.6	0.0	Off

Daily Log

January 2, 2016 12AM to January 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	3	1.3	---	0.2	Off
EW-3005	1.6	1.7	2,363	-2.4	---	23.6	On
EW-3006	0.0	0.4	1	0.4	---	0.1	Off
EW-3007	1.5	5.4	2,176	-3.4	---	23.6	On
EW-3008	0.4	0.4	370	-0.7	---	19.4	On
EW-3009	3.4	6.9	4,889	-1.9	---	23.6	On
EW-3010	1.0	5.9	1,402	-1.9	---	23.6	On
EW-3011	0.7	1.0	586	0.1	15.7	17.5	On
EW-3012	0.7	5.9	903	-5.9	16.5	23.6	On
EW-3013	1.1	5.7	1,493	-6.2	18.9	23.6	On
EW-3014	0.0	0.5	134	-4.1	20.5	8.3	Off
EW-3015	1.2	5.4	1,672	-6.0	21.7	23.6	On
EW-3016	0.9	3.3	1,174	-6.3	23.3	23.6	On
EW-3017	0.4	0.7	243	-6.6	23.2	12.3	On
EW-3018	0.0	0.6	121	-9.0	22.9	6.8	Off
EW-3019	0.9	3.9	1,279	-2.9	23.8	23.6	On
EW-3020	3.6	6.2	5,086	-2.1	37.8	23.6	On
EW-3021	0.4	0.5	232	-0.2	28.2	12.9	On
EW-3022	0.6	5.3	921	-2.3	34.6	23.6	On
EW-3023	1.5	5.4	2,164	0.7	16.3	23.6	On
EW-3024	0.5	0.6	526	1.1	---	22.4	On
EW-3025	2.0	2.6	2,905	-1.2	36.8	23.6	On
EW-3026	2.4	4.1	3,440	-2.8	37.4	23.6	On
EW-3027	0.0	0.5	10	-0.1	---	0.5	Off
EW-4001	2.9	3.2	4,245	-2.2	33.2	23.6	On
EW-4002	2.3	6.6	3,215	-46.9	15.1	23.6	On
EW-4003	1.9	3.2	2,716	-22.0	---	23.6	On
EW-4004	1.5	1.8	2,236	-9.1	14.3	23.6	On
EW-4005	1.9	2.1	2,708	-15.5	---	23.6	On
EW-4006	1.5	5.3	2,104	-50.8	32.3	23.6	On
EW-4007	1.0	1.1	1,506	-3.7	35.9	23.6	On
EW-4008	2.9	5.1	4,103	-11.0	40.4	23.6	On
EW-4009	0.8	1.3	1,144	-20.6	20.9	23.6	On
EW-4010	2.4	2.6	3,347	0.9	49.7	23.6	On
EW-4011	2.1	2.2	2,922	-18.6	49.4	23.6	On
EW-5001	1.9	2.2	2,727	-23.2	---	23.6	On
EW-5002	0.0	0.0	0	5.0	19.0	0.0	Off
EW Totals	**143.0**		**210,362**				

	Value	Total (KGal)	Peak Flow
FIT-100	143 GPM	209.7	168 GPM
FIT-500	200 GPM	176.5	261 GPM
Effluent Temp	97.7 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

January 2, 2016 12AM to January 3, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	27 GPM	0.0
RC-7003	FIT-665	29 GPM	38.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 2, 2016 12AM to January 3, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	55.3
Permeate Flow	FIT-642	0 GPM	40.2
Concentrate Flow	FIT-643	0 GPM	14.2

Inlet Conductivity	CIT-630	949.7 µS
Outlet Conductivity	CIT-642	151.3 µS
Hours Run		9.4 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 3, 2016 12AM to January 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,447	1.5	40.1	24.0	On
EW-2002	0.7	0.8	1,042	5.6	39.6	24.0	On
EW-2003	1.1	1.2	1,668	4.8	36.8	24.0	On
EW-2004	0.5	0.6	706	6.8	30.8	24.0	On
EW-2005	0.3	0.5	526	7.5	28.9	23.9	On
EW-2006	0.4	0.5	683	10.6	25.9	24.0	On
EW-2007	1.6	1.7	2,313	7.7	22.9	24.0	On
EW-2008	0.7	0.9	1,032	2.6	23.4	24.0	On
EW-2009	1.2	1.2	1,644	3.4	23.5	24.0	On
EW-2010	0.3	0.4	268	6.5	22.7	15.2	On
EW-2011	0.3	0.4	315	9.2	21.2	16.9	On
EW-2012	0.0	2.3	166	12.3	15.5	9.4	Off
EW-2013	0.3	0.6	307	17.4	15.6	15.3	On
EW-2014	0.9	1.9	1,391	13.3	19.3	24.0	On
EW-2015	0.4	1.5	637	12.1	15.5	24.0	On
EW-2016	0.5	0.6	744	11.2	---	23.5	On
EW-2017	1.3	1.5	1,941	12.4	---	24.0	On
EW-2018	0.6	1.1	902	11.3	---	24.0	On
EW-2019	0.0	0.5	188	12.4	---	10.3	Off
EW-2020	0.3	0.5	324	10.9	---	16.9	On
EW-2021	0.3	0.4	288	11.8	---	15.6	On
EW-2022	0.2	0.6	460	12.7	---	22.1	On
EW-2023	0.4	0.6	644	11.6	---	24.0	On
EW-2024	0.3	0.5	313	10.3	---	16.9	On
EW-2025	0.8	1.2	1,159	11.2	---	24.0	On
EW-2026	0.7	1.0	960	9.8	---	24.0	On
EW-2027	0.7	1.1	1,065	9.7	---	24.0	On
EW-2028	0.7	1.1	1,058	9.2	---	24.0	On
EW-2029	0.9	1.2	1,266	7.7	---	24.0	On
EW-2030	1.3	1.5	1,986	10.1	---	24.0	On
EW-2031	1.3	1.6	2,000	11.2	---	24.0	On
EW-2032	0.5	0.8	689	9.3	---	24.0	On
EW-2033	0.5	0.8	715	9.7	---	24.0	On
EW-2034	0.6	0.9	857	8.1	23.7	24.0	On
EW-2035	1.1	1.2	1,605	6.7	21.1	24.0	On
EW-2036	0.5	1.7	824	13.4	32.8	24.0	On
EW-2037	0.9	2.5	1,281	4.1	36.7	24.0	On
EW-2101	29.7	30.1	30,827	12.3	46.9	17.4	On
EW-2102	0.0	15.1	6,727	17.6	40.5	7.8	Off
EW-2103	4.8	11.4	7,280	20.6	39.9	24.0	On
EW-2104	46.7	47.3	67,309	11.9	67.6	24.0	On
EW-3001	0.0	0.0	0	1.5	15.3	0.0	Off
EW-3002	0.3	0.5	336	1.9	14.4	17.3	On
EW-3003	0.0	0.0	0	3.8	14.4	0.0	Off

Daily Log

January 3, 2016 12AM to January 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	1.6	1.6	2,259	-2.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	1.7	2,183	-3.3	---	24.0	On
EW-3008	0.3	0.5	489	-0.5	---	23.3	On
EW-3009	3.3	3.5	4,821	-1.7	---	24.0	On
EW-3010	0.9	1.2	1,401	-1.8	---	24.0	On
EW-3011	0.5	0.8	634	0.1	22.5	18.9	On
EW-3012	0.5	1.4	901	-5.8	24.9	24.0	On
EW-3013	1.0	2.5	1,496	-6.1	30.1	24.0	On
EW-3014	0.3	0.7	133	-3.9	33.7	8.3	On
EW-3015	1.1	2.2	1,681	-6.0	37.4	24.0	On
EW-3016	0.8	1.5	1,180	-6.5	40.7	24.0	On
EW-3017	0.3	0.7	240	-6.0	44.8	12.2	On
EW-3018	0.0	0.8	123	-9.0	44.5	6.8	Off
EW-3019	0.9	1.7	1,280	-2.8	45.4	24.0	On
EW-3020	3.6	3.6	5,127	-2.1	39.9	24.0	On
EW-3021	0.3	0.7	246	0.8	28.3	13.9	On
EW-3022	0.6	1.6	908	-2.3	34.2	24.0	On
EW-3023	1.4	2.9	2,164	0.6	23.6	24.0	On
EW-3024	0.4	0.6	537	1.2	---	22.8	On
EW-3025	2.0	2.4	2,857	-1.0	36.2	24.0	On
EW-3026	2.3	2.7	3,398	-2.6	37.0	24.0	On
EW-3027	0.0	0.0	0	0.1	---	0.0	Off
EW-4001	2.8	3.4	4,127	-2.0	33.4	24.0	On
EW-4002	2.2	2.6	3,215	-46.8	15.7	24.0	On
EW-4003	1.9	2.1	2,764	-21.9	---	24.0	On
EW-4004	1.6	1.8	2,330	-10.5	17.0	24.0	On
EW-4005	1.9	2.0	2,772	-15.9	---	24.0	On
EW-4006	1.4	2.4	2,104	-51.1	32.0	24.0	On
EW-4007	0.9	1.2	1,419	-3.4	35.5	24.0	On
EW-4008	2.9	3.8	4,158	-11.1	40.8	24.0	On
EW-4009	0.7	1.0	1,168	-20.1	31.5	24.0	On
EW-4010	2.0	2.5	2,983	1.1	47.5	24.0	On
EW-4011	2.1	2.5	2,952	-18.5	47.0	24.0	On
EW-5001	1.9	2.0	2,791	-23.5	---	24.0	On
EW-5002	0.0	0.0	0	5.0	21.6	0.0	Off
EW Totals	**152.1**		**215,731**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	213.5	163 GPM
FIT-500	179 GPM	177.5	259 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

January 3, 2016 12AM to January 4, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	26 GPM	0.0
RC-7003	FIT-665	29 GPM	34.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 3, 2016 12AM to January 4, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	50.1
Permeate Flow	FIT-642	0 GPM	36.3
Concentrate Flow	FIT-643	0 GPM	12.8

Inlet Conductivity	CIT-630	984.1 µS
Outlet Conductivity	CIT-642	135.4 µS
Hours Run		8.5 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 4, 2016 12AM to January 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	0.0	2.2	2,348	14.6	11.1	23.3	Off
EW-2002	0.0	5.6	1,006	12.8	11.0	23.3	Off
EW-2003	0.0	2.0	1,622	13.1	11.1	23.3	Off
EW-2004	0.0	3.8	683	12.2	10.9	23.3	Off
EW-2005	0.0	0.6	501	13.3	11.1	22.8	Off
EW-2006	0.0	0.6	618	14.8	11.1	23.3	Off
EW-2007	0.0	5.3	2,246	15.4	11.0	23.3	Off
EW-2008	0.0	4.2	1,009	11.3	11.8	23.3	Off
EW-2009	0.7	2.7	1,604	13.9	12.0	23.3	Off
EW-2010	0.0	0.5	262	10.7	11.5	14.5	Off
EW-2011	0.0	0.5	308	14.3	10.0	16.0	Off
EW-2012	0.0	0.5	156	15.6	9.8	8.8	Off
EW-2013	0.0	0.6	292	21.4	9.8	14.8	Off
EW-2014	0.0	5.6	1,349	20.8	8.4	23.4	Off
EW-2015	0.0	7.3	615	17.4	8.9	23.4	Off
EW-2016	0.0	0.7	696	18.4	---	23.0	Off
EW-2017	0.0	4.3	1,880	20.4	---	23.4	Off
EW-2018	0.0	7.3	875	17.4	---	23.4	Off
EW-2019	0.0	0.5	181	15.0	---	9.7	Off
EW-2020	0.0	0.5	312	16.0	---	15.9	Off
EW-2021	0.0	0.4	272	16.8	---	14.6	Off
EW-2022	0.0	0.7	436	17.4	---	21.1	Off
EW-2023	0.0	0.9	639	18.0	---	23.4	Off
EW-2024	0.0	0.6	302	14.9	---	15.7	Off
EW-2025	0.0	7.2	1,121	17.8	---	23.3	Off
EW-2026	0.0	7.3	928	16.4	---	23.4	Off
EW-2027	0.0	7.3	1,035	16.8	---	23.4	Off
EW-2028	0.0	7.3	1,028	16.2	---	23.4	Off
EW-2029	0.0	7.3	1,234	17.3	---	23.3	Off
EW-2030	0.0	7.4	1,921	18.3	---	23.4	Off
EW-2031	0.0	7.6	1,939	19.5	---	23.4	Off
EW-2032	0.0	6.9	670	14.9	---	23.4	Off
EW-2033	0.0	2.9	691	14.8	---	23.4	Off
EW-2034	0.0	4.2	842	15.6	9.0	23.4	Off
EW-2035	0.0	1.8	1,555	18.7	-3.8	23.4	Off
EW-2036	0.0	5.0	797	18.9	10.7	23.3	Off
EW-2037	0.0	6.6	1,249	14.0	10.1	23.3	Off
EW-2101	0.0	29.9	24,975	16.0	9.6	23.3	Off
EW-2102	0.0	16.1	8,189	17.5	9.7	15.2	Off
EW-2103	0.0	10.8	2,578	21.0	10.2	8.6	Off
EW-2104	0.0	47.5	38,479	14.5	9.7	13.7	Off
EW-3001	0.0	0.0	0	2.2	9.4	0.0	Off
EW-3002	0.0	0.6	342	4.1	9.0	17.1	Off
EW-3003	0.0	0.0	0	4.2	9.4	0.0	Off

Daily Log

January 4, 2016 12AM to January 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	0	4.7	---	0.0	Off
EW-3005	0.0	1.6	2,159	4.8	---	23.3	Off
EW-3006	0.0	0.4	0	4.0	---	0.0	Off
EW-3007	0.0	5.3	2,107	4.7	---	23.3	Off
EW-3008	0.0	0.5	444	4.7	---	22.9	Off
EW-3009	0.0	6.9	4,648	4.8	---	23.3	Off
EW-3010	0.0	5.8	1,353	5.4	---	23.3	Off
EW-3011	0.0	1.0	617	5.9	8.3	18.3	Off
EW-3012	0.0	5.9	882	2.7	8.1	23.3	Off
EW-3013	0.0	5.6	1,457	6.8	8.8	23.3	Off
EW-3014	0.0	0.8	130	-1.4	9.2	8.0	Off
EW-3015	0.0	5.5	1,638	7.8	8.8	23.3	Off
EW-3016	0.0	3.2	1,145	6.3	9.6	23.3	Off
EW-3017	0.0	1.1	230	-0.6	9.3	11.4	Off
EW-3018	0.0	0.8	120	-7.1	9.0	6.5	Off
EW-3019	0.0	3.7	1,238	9.9	9.8	23.3	Off
EW-3020	0.0	6.0	4,937	12.9	11.6	23.3	Off
EW-3021	0.0	0.8	243	4.4	9.2	13.3	Off
EW-3022	0.0	5.5	870	4.4	9.3	23.3	Off
EW-3023	0.0	5.4	2,096	8.4	8.5	23.3	Off
EW-3024	0.0	0.6	518	5.6	---	22.3	Off
EW-3025	0.0	2.5	2,801	6.5	10.0	23.3	Off
EW-3026	0.0	4.1	3,297	7.1	9.9	23.3	Off
EW-3027	0.0	0.5	0	4.8	---	0.0	Off
EW-4001	0.0	3.6	4,146	2.2	11.1	23.3	Off
EW-4002	0.0	5.8	3,099	-8.4	9.8	23.3	Off
EW-4003	0.0	2.6	2,732	-3.1	---	23.3	Off
EW-4004	0.0	1.8	2,245	1.5	9.0	23.3	Off
EW-4005	0.0	2.2	2,743	1.3	---	23.3	Off
EW-4006	0.0	4.8	2,010	-16.8	9.0	23.3	Off
EW-4007	0.0	1.3	1,401	0.9	10.5	23.3	Off
EW-4008	0.0	4.1	4,176	0.2	10.7	23.3	Off
EW-4009	0.0	1.3	1,123	-4.5	10.7	23.3	Off
EW-4010	0.0	2.6	3,034	2.0	11.7	23.3	Off
EW-4011	0.0	2.5	3,048	2.2	10.8	23.3	Off
EW-5001	0.0	2.2	2,769	-7.8	---	23.3	Off
EW-5002	0.0	0.0	0	4.8	10.0	0.0	Off
EW Totals	**0.7**		**175,241**				

	Value	Total (KGal)	Peak Flow
FIT-100	0 GPM	174.1	159 GPM
FIT-500	0 GPM	152.5	261 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

January 4, 2016 12AM to January 5, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	2 GPM	36.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 4, 2016 12AM to January 5, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	52.8
Permeate Flow	FIT-642	0 GPM	38.3
Concentrate Flow	FIT-643	0 GPM	13.5

Inlet Conductivity	CIT-630	1,018.8 µS
Outlet Conductivity	CIT-642	46.9 µS
Hours Run		9.0 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	98.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 5, 2016 12AM to January 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	0.0	2.8	749	15.8	11.6	7.1	Off
EW-2002	0.0	5.7	331	15.2	11.4	7.1	Off
EW-2003	0.0	2.1	545	14.8	11.5	7.1	Off
EW-2004	0.0	4.0	232	14.9	11.3	7.0	Off
EW-2005	0.0	0.7	156	15.3	11.6	6.5	Off
EW-2006	0.0	0.6	206	16.0	11.6	7.1	Off
EW-2007	0.0	5.3	711	15.9	11.5	7.1	Off
EW-2008	0.0	4.5	332	18.5	12.3	7.1	Off
EW-2009	0.7	2.7	492	17.3	12.5	7.0	Off
EW-2010	0.0	0.7	91	19.2	11.9	4.7	Off
EW-2011	0.0	0.7	104	21.8	10.5	5.2	Off
EW-2012	0.3	0.5	127	13.3	12.4	7.2	On
EW-2013	0.3	0.6	258	19.0	12.7	13.4	On
EW-2014	1.0	5.7	1,185	12.9	10.6	20.1	On
EW-2015	0.4	7.8	546	11.7	10.2	20.1	On
EW-2016	0.5	0.8	618	10.1	---	19.8	On
EW-2017	1.4	4.3	1,667	12.1	---	20.1	On
EW-2018	0.6	7.5	772	11.0	---	20.1	On
EW-2019	0.3	0.5	166	11.9	---	9.0	On
EW-2020	0.3	0.5	278	12.0	---	14.9	On
EW-2021	0.0	0.4	240	12.6	---	12.5	Off
EW-2022	0.4	0.7	371	11.5	---	17.4	On
EW-2023	0.4	0.7	572	11.7	---	20.1	On
EW-2024	0.3	0.6	274	10.1	---	14.5	On
EW-2025	0.8	7.4	1,005	10.8	---	20.1	On
EW-2026	0.7	7.5	830	9.4	---	20.1	On
EW-2027	0.7	7.4	924	9.3	---	20.1	On
EW-2028	0.7	7.4	910	8.8	---	20.1	On
EW-2029	0.9	7.4	1,090	7.4	---	20.1	On
EW-2030	1.4	7.4	1,709	9.7	---	20.1	On
EW-2031	1.4	7.7	1,770	10.8	---	20.1	On
EW-2032	0.5	7.1	595	8.9	---	20.1	On
EW-2033	0.5	3.1	606	9.6	---	20.1	On
EW-2034	0.0	4.3	278	20.0	9.5	7.1	Off
EW-2035	0.0	1.9	492	19.6	-3.4	7.2	Off
EW-2036	0.6	5.1	730	13.1	17.4	20.0	On
EW-2037	0.9	6.8	1,090	3.8	19.3	20.0	On
EW-2101	0.0	14.6	2,305	16.7	10.1	7.0	Off
EW-2102	0.0	6.9	2,178	17.9	10.2	7.2	Off
EW-2103	0.0	6.5	1,368	21.1	14.1	4.5	Off
EW-2104	10.2	33.3	11,866	14.8	14.9	12.9	On
EW-3001	0.0	0.5	19	1.6	12.1	0.9	Off
EW-3002	0.4	0.6	499	1.6	11.1	19.5	On
EW-3003	0.0	0.5	15	3.8	10.9	0.8	Off

Daily Log

January 5, 2016 12AM to January 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	20	1.3	---	1.4	Off
EW-3005	1.6	1.6	1,845	-1.9	---	19.9	On
EW-3006	0.0	0.4	9	0.4	---	0.5	Off
EW-3007	1.8	5.8	2,213	-3.7	---	19.9	On
EW-3008	0.4	0.7	425	-0.6	---	19.9	On
EW-3009	4.1	7.1	4,941	-2.0	---	19.9	On
EW-3010	1.4	6.0	1,612	-2.2	---	19.9	On
EW-3011	0.0	0.9	231	4.8	8.8	6.3	Off
EW-3012	0.0	6.3	299	7.8	8.6	6.9	Off
EW-3013	0.0	5.9	477	11.5	9.2	6.9	Off
EW-3014	0.0	0.6	54	10.9	9.7	3.0	Off
EW-3015	0.0	6.0	540	14.6	9.3	6.9	Off
EW-3016	0.0	3.6	383	14.5	10.1	6.9	Off
EW-3017	0.0	0.7	89	15.2	9.6	4.3	Off
EW-3018	0.0	0.8	52	6.7	11.8	2.8	Off
EW-3019	0.0	4.2	411	14.6	11.8	6.9	Off
EW-3020	0.0	6.3	1,539	15.4	12.1	6.9	Off
EW-3021	0.0	0.6	312	1.0	17.1	15.7	On
EW-3022	0.8	5.7	946	-2.6	24.8	19.9	On
EW-3023	0.0	5.6	742	8.2	9.0	6.9	Off
EW-3024	0.4	0.6	516	1.1	---	19.8	On
EW-3025	2.3	3.0	2,739	-1.3	26.9	19.9	On
EW-3026	2.5	4.3	3,093	-2.9	27.7	19.9	On
EW-3027	0.4	0.5	337	0.2	---	16.1	On
EW-4001	3.2	3.5	3,104	-2.3	18.2	16.8	On
EW-4002	2.2	7.1	2,521	-47.1	12.7	16.8	On
EW-4003	2.1	3.1	2,080	-23.1	---	16.8	On
EW-4004	0.0	1.8	384	4.4	9.5	4.0	Off
EW-4005	2.1	2.2	2,071	-16.4	---	16.8	On
EW-4006	1.5	6.6	1,739	-51.2	21.8	16.8	On
EW-4007	1.1	1.2	1,052	-3.3	25.8	16.8	On
EW-4008	3.0	3.6	3,030	-11.6	15.4	16.8	On
EW-4009	0.0	0.9	184	1.3	11.2	4.0	Off
EW-4010	2.4	2.6	2,371	1.2	34.2	16.8	On
EW-4011	2.3	2.4	2,229	-21.8	33.5	16.8	On
EW-5001	2.1	2.2	2,073	-24.8	---	16.8	On
EW-5002	0.0	0.0	0	5.1	10.5	0.0	Off
EW Totals	**64.1**		**87,969**				

	Value	Total (KGal)	Peak Flow
FIT-100	62 GPM	87.8	112 GPM
FIT-500	16 GPM	73.8	213 GPM
Effluent Temp	93.2 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

January 5, 2016 12AM to January 6, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	16.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 5, 2016 12AM to January 6, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	21.4
Permeate Flow	FIT-642	0 GPM	15.6
Concentrate Flow	FIT-643	0 GPM	5.5

Inlet Conductivity	CIT-630	1,077.3 µS
Outlet Conductivity	CIT-642	153.1 µS
Hours Run		3.6 hrs
Recharge Tank pH	AIT-660A	6.1
Recharge Tank Temp	TIT-660C	91.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 6, 2016 12AM to January 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.8	1,248	1.4	42.2	11.9	On
EW-2002	0.8	5.8	568	5.4	41.6	11.9	On
EW-2003	1.2	2.0	926	4.7	38.4	11.9	On
EW-2004	0.5	4.1	386	6.7	32.0	11.8	On
EW-2005	0.3	0.7	258	7.7	29.9	11.8	On
EW-2006	0.4	0.6	274	11.3	26.7	11.6	On
EW-2007	1.6	5.5	1,192	7.6	23.4	11.9	On
EW-2008	0.7	4.5	553	2.6	23.0	11.8	On
EW-2009	1.1	2.7	816	3.3	23.1	11.8	On
EW-2010	0.0	0.7	147	6.5	22.3	8.1	Off
EW-2011	0.0	0.7	168	9.5	20.8	8.7	On
EW-2012	0.0	0.5	152	11.5	14.1	8.4	Off
EW-2013	0.3	0.9	271	18.0	14.2	13.9	On
EW-2014	0.9	5.7	1,215	13.3	15.0	20.7	On
EW-2015	0.6	7.9	546	12.4	13.1	17.0	On
EW-2016	0.4	0.9	638	10.4	---	20.5	On
EW-2017	1.3	4.4	1,696	12.4	---	20.6	On
EW-2018	0.6	7.6	797	11.3	---	20.7	On
EW-2019	0.0	0.5	172	12.4	---	9.2	Off
EW-2020	0.3	0.5	290	11.6	---	15.3	On
EW-2021	0.0	0.5	254	12.1	---	13.6	Off
EW-2022	0.2	0.7	397	12.1	---	18.7	On
EW-2023	0.5	0.7	577	11.7	---	20.7	On
EW-2024	0.3	0.6	282	10.5	---	15.3	On
EW-2025	0.8	7.4	1,041	11.2	---	20.5	On
EW-2026	0.7	7.5	862	9.8	---	20.7	On
EW-2027	0.7	7.5	955	9.7	---	20.7	On
EW-2028	0.7	7.4	941	9.2	---	20.7	On
EW-2029	0.9	7.5	1,126	7.7	---	20.6	On
EW-2030	1.4	7.5	1,756	10.1	---	20.7	On
EW-2031	1.4	7.7	1,822	11.2	---	20.7	On
EW-2032	0.5	7.1	620	9.3	---	20.7	On
EW-2033	0.5	3.2	630	9.7	---	20.7	On
EW-2034	0.6	4.2	452	8.2	27.4	11.8	On
EW-2035	1.1	1.9	801	6.6	21.8	11.9	On
EW-2036	0.6	5.1	758	13.2	24.8	20.5	On
EW-2037	0.8	6.8	1,126	4.2	27.5	20.5	On
EW-2101	25.1	31.6	15,561	14.1	57.4	10.9	On
EW-2102	10.7	17.2	8,741	15.5	59.1	12.1	On
EW-2103	0.0	0.0	0	21.2	25.6	0.0	Off
EW-2104	33.0	33.3	28,173	13.8	39.3	20.5	On
EW-3001	0.0	0.9	15	1.5	14.0	0.8	Off
EW-3002	0.3	0.8	458	1.8	13.0	19.3	On
EW-3003	0.0	0.7	13	3.8	13.0	0.7	Off

Daily Log

January 6, 2016 12AM to January 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	25	1.3	---	1.7	Off
EW-3005	1.6	1.6	1,908	-2.2	---	20.5	On
EW-3006	0.0	0.5	11	0.4	---	0.6	Off
EW-3007	1.6	5.8	2,265	-3.4	---	20.5	On
EW-3008	0.4	0.6	447	-0.7	---	20.5	On
EW-3009	3.5	7.2	5,028	-1.9	---	20.5	On
EW-3010	1.0	6.1	1,564	-1.8	---	20.5	On
EW-3011	0.5	0.9	373	0.1	26.3	10.7	On
EW-3012	0.5	6.6	482	-5.8	30.0	11.8	On
EW-3013	1.0	6.2	781	-6.3	37.5	11.8	On
EW-3014	0.3	0.8	94	-3.8	42.7	5.6	On
EW-3015	1.1	6.6	893	-6.2	48.3	11.7	On
EW-3016	0.8	3.9	633	-6.3	53.1	11.8	On
EW-3017	0.4	0.7	143	-7.4	55.8	7.2	On
EW-3018	0.4	0.9	97	-8.8	56.0	5.2	On
EW-3019	0.9	4.4	728	-3.1	56.4	11.8	On
EW-3020	3.7	6.4	2,658	-2.2	41.8	11.8	On
EW-3021	0.3	0.8	313	-0.2	23.0	15.9	On
EW-3022	0.7	5.7	967	-2.2	29.8	20.5	On
EW-3023	1.5	5.8	1,145	0.6	27.8	11.8	On
EW-3024	0.3	0.6	512	1.1	---	20.3	On
EW-3025	2.1	3.1	2,764	-1.2	31.9	20.5	On
EW-3026	2.5	4.3	3,213	-2.8	32.5	20.5	On
EW-3027	0.0	0.5	252	0.1	---	12.5	Off
EW-4001	3.0	3.4	3,656	-2.0	25.6	20.0	On
EW-4002	2.3	7.0	2,882	-46.9	14.6	20.0	On
EW-4003	1.9	7.7	2,424	-22.1	---	20.0	On
EW-4004	1.6	1.8	1,079	-9.6	17.6	11.3	On
EW-4005	2.0	2.2	2,426	-15.4	---	20.0	On
EW-4006	1.5	6.2	1,947	-50.9	27.2	20.0	On
EW-4007	1.0	1.1	1,252	-3.1	31.0	20.0	On
EW-4008	3.0	3.2	3,583	-11.7	26.7	20.0	On
EW-4009	0.7	1.2	545	-19.1	38.8	11.3	On
EW-4010	2.4	2.6	2,840	1.4	40.6	20.0	On
EW-4011	2.1	2.4	2,598	-18.1	39.8	20.0	On
EW-5001	2.0	2.2	2,416	-24.2	---	20.0	On
EW-5002	0.0	0.8	8	5.4	22.4	0.2	Off
EW Totals	**141.9**		**134,629**				

	Value	Total (KGal)	Peak Flow
FIT-100	139 GPM	132.9	158 GPM
FIT-500	0 GPM	124.1	212 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

January 6, 2016 12AM to January 7, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 6, 2016 12AM to January 7, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,079.6 µS
Outlet Conductivity	CIT-642	520.0 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.3
Recharge Tank Temp	TIT-660C	82.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 7, 2016 12AM to January 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.6	2,418	1.4	42.3	23.3	On
EW-2002	0.8	5.6	1,066	5.3	41.7	23.3	On
EW-2003	1.2	1.6	1,739	4.6	38.6	23.3	On
EW-2004	0.5	3.8	711	6.8	32.1	23.1	On
EW-2005	0.4	0.6	511	7.2	30.1	23.1	On
EW-2006	0.3	0.5	500	11.6	26.9	23.3	On
EW-2007	1.6	5.1	2,290	7.5	23.6	23.3	On
EW-2008	0.8	4.3	1,054	2.5	23.7	23.3	On
EW-2009	1.1	2.7	1,599	3.3	23.8	23.2	On
EW-2010	0.0	0.7	273	5.5	22.9	15.1	Off
EW-2011	0.4	0.7	316	8.5	21.4	16.5	On
EW-2012	0.0	0.3	118	11.3	14.1	7.0	Off
EW-2013	0.3	0.5	297	18.9	14.2	14.5	On
EW-2014	1.0	5.7	1,351	13.0	15.0	23.3	On
EW-2015	0.6	0.9	582	11.6	13.1	15.7	On
EW-2016	0.5	0.6	737	10.1	---	23.2	On
EW-2017	1.4	4.4	1,886	12.1	---	23.3	On
EW-2018	0.6	7.5	881	11.3	---	23.3	On
EW-2019	0.3	0.4	187	12.0	---	10.0	On
EW-2020	0.0	0.5	321	11.8	---	16.4	Off
EW-2021	0.3	0.4	280	11.3	---	15.1	On
EW-2022	0.3	0.5	454	12.9	---	20.7	On
EW-2023	0.5	0.5	646	11.6	---	23.3	On
EW-2024	0.3	0.5	310	10.0	---	15.6	On
EW-2025	0.8	7.4	1,155	10.9	---	23.2	On
EW-2026	0.7	7.3	958	9.5	---	23.3	On
EW-2027	0.7	7.3	1,052	9.4	---	23.3	On
EW-2028	0.7	7.3	1,040	8.9	---	23.3	On
EW-2029	0.9	7.3	1,249	7.4	---	23.3	On
EW-2030	1.4	7.3	1,951	9.8	---	23.3	On
EW-2031	1.4	7.5	2,029	10.9	---	23.3	On
EW-2032	0.5	6.9	683	9.0	---	23.3	On
EW-2033	0.5	3.2	701	9.6	---	23.3	On
EW-2034	0.6	3.8	853	8.0	27.1	23.3	On
EW-2035	1.1	1.7	1,557	6.4	21.8	23.3	On
EW-2036	0.6	4.9	834	13.1	24.8	23.3	On
EW-2037	0.9	6.4	1,243	3.9	27.5	23.3	On
EW-2101	25.4	27.5	35,002	13.6	56.3	23.3	On
EW-2102	10.2	12.1	14,528	15.3	57.8	23.3	On
EW-2103	0.0	0.0	0	21.2	25.5	0.0	Off
EW-2104	33.0	33.6	46,088	13.6	39.3	23.3	On
EW-3001	0.0	0.0	0	1.5	14.0	0.0	Off
EW-3002	0.3	0.5	407	1.8	13.0	18.8	On
EW-3003	0.0	0.3	1	3.8	13.0	0.0	Off

Daily Log

January 7, 2016 12AM to January 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	7	1.3	---	0.4	Off
EW-3005	1.5	1.6	2,120	-2.3	---	23.1	On
EW-3006	0.0	0.4	3	0.4	---	0.1	Off
EW-3007	1.7	5.5	2,350	-3.6	---	23.1	On
EW-3008	0.4	0.5	518	-0.8	---	23.1	On
EW-3009	3.6	6.9	5,056	-2.0	---	23.1	On
EW-3010	1.0	6.0	1,472	-2.1	---	23.1	On
EW-3011	0.0	0.9	592	0.8	25.8	17.6	Off
EW-3012	0.6	5.5	896	-6.1	29.3	23.1	On
EW-3013	1.0	5.0	1,477	-6.4	36.6	23.1	On
EW-3014	0.0	0.5	145	-3.8	41.8	9.0	Off
EW-3015	1.2	4.6	1,675	-6.2	47.4	23.1	On
EW-3016	0.8	2.5	1,184	-6.5	52.2	23.1	On
EW-3017	0.4	0.7	241	-6.6	55.1	12.3	On
EW-3018	0.4	0.6	137	-9.2	55.2	7.7	On
EW-3019	0.9	3.2	1,344	-2.9	55.6	23.1	On
EW-3020	3.7	6.4	5,120	-2.2	42.0	23.1	On
EW-3021	0.3	0.5	261	0.2	22.9	13.9	On
EW-3022	0.6	5.4	962	-2.4	29.8	23.1	On
EW-3023	1.5	5.2	2,119	0.6	27.4	23.1	On
EW-3024	0.3	0.6	516	1.5	---	21.9	On
EW-3025	2.1	2.6	2,937	-1.3	31.9	23.1	On
EW-3026	2.5	4.2	3,479	-2.8	32.4	23.1	On
EW-3027	0.0	0.5	21	0.0	---	1.1	Off
EW-4001	3.0	3.1	4,225	-2.3	25.5	23.1	On
EW-4002	2.3	6.8	3,221	-47.1	14.5	23.1	On
EW-4003	2.0	5.6	2,733	-21.7	---	23.1	On
EW-4004	1.6	1.8	2,214	-9.6	17.5	23.1	On
EW-4005	1.9	2.2	2,755	-14.4	---	23.1	On
EW-4006	1.5	5.6	2,170	-51.0	27.2	23.1	On
EW-4007	1.1	1.1	1,455	-3.8	30.9	23.1	On
EW-4008	2.9	3.1	4,105	-11.2	26.6	23.1	On
EW-4009	0.8	1.2	1,107	-20.2	37.9	23.1	On
EW-4010	2.4	2.7	3,290	0.9	40.4	23.1	On
EW-4011	2.1	2.1	2,859	-18.3	39.7	23.1	On
EW-5001	1.9	2.2	2,742	-23.3	---	23.1	On
EW-5002	0.0	0.0	0	5.2	22.4	0.0	Off
EW Totals	**142.4**		**199,363**				

	Value	Total (KGal)	Peak Flow
FIT-100	141 GPM	196.6	183 GPM
FIT-500	181 GPM	208.2	213 GPM
Effluent Temp	98.3 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

January 7, 2016 12AM to January 8, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 7, 2016 12AM to January 8, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,076.4 µS
Outlet Conductivity	CIT-642	550.7 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.5
Recharge Tank Temp	TIT-660C	79.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 8, 2016 12AM to January 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.6	2,465	1.4	42.2	23.7	On
EW-2002	0.7	1.6	1,055	5.5	41.3	24.0	On
EW-2003	1.2	2.5	1,737	4.8	38.4	23.9	On
EW-2004	0.5	1.1	710	6.8	32.1	24.0	On
EW-2005	0.4	2.9	520	7.3	30.4	23.4	On
EW-2006	1.1	7.3	945	5.6	27.4	23.6	On
EW-2007	1.6	2.0	2,329	7.5	23.8	24.0	On
EW-2008	0.8	0.9	1,081	2.6	23.7	24.0	On
EW-2009	1.1	1.2	1,648	3.4	24.0	24.0	On
EW-2010	0.3	0.5	276	6.3	23.2	15.5	On
EW-2011	0.3	0.5	321	9.1	21.6	17.0	On
EW-2012	0.0	0.3	162	11.0	13.3	9.3	Off
EW-2013	0.3	0.5	301	18.9	13.3	14.8	On
EW-2014	1.0	1.2	1,375	12.9	14.2	24.0	On
EW-2015	0.5	0.8	583	12.0	12.3	18.6	On
EW-2016	0.0	0.6	749	10.2	---	23.5	Off
EW-2017	1.3	1.5	1,909	12.2	---	24.0	On
EW-2018	0.6	1.2	889	11.0	---	24.0	On
EW-2019	0.3	0.4	186	12.0	---	10.1	On
EW-2020	0.0	0.4	324	11.2	---	16.6	Off
EW-2021	0.0	2.6	280	12.5	---	14.7	Off
EW-2022	0.4	0.5	450	11.6	---	20.3	On
EW-2023	0.4	2.1	538	11.4	---	19.9	On
EW-2024	0.3	0.5	312	10.4	---	17.0	On
EW-2025	0.8	1.3	1,187	10.8	---	24.0	On
EW-2026	0.7	1.2	966	9.4	---	24.0	On
EW-2027	0.0	1.1	509	18.1	---	11.4	Off
EW-2028	0.8	1.3	1,114	8.8	---	24.0	On
EW-2029	0.9	1.3	1,274	7.4	---	24.0	On
EW-2030	1.4	1.7	1,999	9.7	---	24.0	On
EW-2031	1.5	1.7	2,068	10.9	---	24.0	On
EW-2032	0.5	1.0	686	9.0	---	24.0	On
EW-2033	0.5	1.0	708	9.5	---	24.0	On
EW-2034	0.6	3.6	869	8.0	27.9	23.9	On
EW-2035	1.1	1.9	1,596	6.5	21.8	23.9	On
EW-2036	0.6	0.8	840	13.2	24.1	24.0	On
EW-2037	0.9	1.1	1,264	3.9	26.8	24.0	On
EW-2101	26.8	30.6	37,404	13.0	60.3	23.9	On
EW-2102	11.0	13.6	15,905	14.7	62.0	23.9	On
EW-2103	0.0	0.0	0	21.2	24.8	0.0	Off
EW-2104	33.1	33.2	47,553	13.5	38.5	24.0	On
EW-3001	0.0	0.0	0	1.5	13.2	0.0	Off
EW-3002	0.3	0.5	373	2.0	12.2	18.5	On
EW-3003	0.0	0.0	0	3.8	12.1	0.0	Off

Daily Log

January 8, 2016 12AM to January 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.3	3.2	2,561	-3.5	---	23.6	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.6	1.8	2,322	-3.6	---	24.0	On
EW-3008	0.0	0.5	447	-0.2	---	21.5	Off
EW-3009	3.3	3.7	4,909	-1.9	---	24.0	On
EW-3010	1.0	1.3	1,442	-2.1	---	24.0	On
EW-3011	0.0	0.7	546	0.9	26.6	16.5	Off
EW-3012	0.6	1.5	897	-6.0	30.4	24.0	On
EW-3013	1.0	1.9	1,500	-6.4	38.0	24.0	On
EW-3014	0.0	0.4	143	-4.4	43.8	9.1	Off
EW-3015	1.2	5.3	1,698	-5.9	50.2	23.9	On
EW-3016	0.8	2.1	1,197	-6.5	55.5	24.0	On
EW-3017	0.3	0.7	240	-6.3	58.8	12.3	On
EW-3018	0.4	0.6	130	-9.6	58.7	7.0	On
EW-3019	0.9	3.6	1,350	-2.8	59.4	23.9	On
EW-3020	3.6	4.0	5,222	-2.1	41.7	24.0	On
EW-3021	0.0	0.4	219	0.8	21.6	12.1	Off
EW-3022	0.7	0.8	941	-2.5	28.6	24.0	On
EW-3023	1.5	2.1	2,162	0.7	28.2	24.0	On
EW-3024	0.3	0.6	508	1.5	---	22.3	On
EW-3025	2.0	2.1	2,959	-1.3	30.5	24.0	On
EW-3026	2.4	2.5	3,558	-2.9	31.1	24.0	On
EW-3027	0.0	0.5	2	-0.1	---	0.1	Off
EW-4001	3.1	3.1	4,350	-2.6	24.9	24.0	On
EW-4002	2.2	2.5	3,261	-47.1	13.7	24.0	On
EW-4003	2.1	2.2	2,841	-23.5	---	24.0	On
EW-4004	1.7	1.8	2,318	-11.1	17.3	24.0	On
EW-4005	2.0	2.2	2,809	-15.8	---	24.0	On
EW-4006	1.5	1.6	2,186	-51.2	25.9	24.0	On
EW-4007	1.1	1.1	1,496	-4.0	29.8	24.0	On
EW-4008	3.0	3.0	4,189	-12.1	25.9	24.0	On
EW-4009	0.8	1.2	1,181	-20.8	39.2	24.0	On
EW-4010	2.4	2.4	3,408	0.8	39.9	24.0	On
EW-4011	2.1	2.1	2,950	-19.0	39.3	24.0	On
EW-5001	2.1	2.2	2,825	-24.9	---	24.0	On
EW-5002	0.0	0.0	0	5.1	22.1	0.0	Off
EW Totals	**144.3**		**206,227**				

	Value	Total (KGal)	Peak Flow
FIT-100	142 GPM	203.2	152 GPM
FIT-500	200 GPM	207.3	213 GPM
Effluent Temp	97.5 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

January 8, 2016 12AM to January 9, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 8, 2016 12AM to January 9, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,079.6 µS
Outlet Conductivity	CIT-642	621.3 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.7
Recharge Tank Temp	TIT-660C	78.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 9, 2016 12AM to January 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.2	2,492	1.5	42.9	23.9	On
EW-2002	0.7	4.8	1,046	5.5	42.2	23.9	On
EW-2003	1.2	2.8	1,708	4.6	39.2	23.9	On
EW-2004	0.5	3.2	694	6.9	32.8	23.8	On
EW-2005	0.3	0.6	513	7.6	31.1	23.8	On
EW-2006	1.1	5.5	1,517	6.0	28.0	23.9	On
EW-2007	1.6	4.9	2,302	7.7	24.4	23.9	On
EW-2008	0.8	3.9	1,076	2.5	24.2	23.9	On
EW-2009	1.2	2.6	1,641	3.4	24.3	23.9	On
EW-2010	0.0	1.2	275	6.6	23.4	15.6	On
EW-2011	0.4	0.7	323	8.1	22.0	17.2	On
EW-2012	0.0	0.4	127	12.8	14.0	7.4	Off
EW-2013	0.0	0.5	300	18.0	14.0	14.9	Off
EW-2014	1.0	5.4	1,364	13.3	15.0	23.9	On
EW-2015	0.6	0.7	577	13.1	13.1	20.8	On
EW-2016	0.6	0.6	729	10.3	---	23.2	On
EW-2017	1.3	4.3	1,900	12.4	---	23.9	On
EW-2018	0.8	4.2	885	11.3	---	23.9	On
EW-2019	0.0	0.4	185	12.5	---	10.2	Off
EW-2020	0.4	0.4	321	10.8	---	16.7	On
EW-2021	0.4	0.4	285	11.4	---	15.1	On
EW-2022	0.5	0.5	445	12.7	---	20.3	On
EW-2023	0.6	0.7	432	11.5	---	17.1	On
EW-2024	0.5	0.6	312	9.8	---	17.3	On
EW-2025	1.0	4.9	1,197	11.1	---	23.9	On
EW-2026	0.9	4.4	960	9.7	---	23.9	On
EW-2027	0.0	0.0	0	18.0	---	0.0	Off
EW-2028	1.0	5.3	1,166	9.1	---	23.9	On
EW-2029	1.0	5.5	1,274	7.6	---	23.9	On
EW-2030	1.5	7.1	2,003	10.1	---	23.9	On
EW-2031	1.5	7.4	2,059	11.2	---	23.9	On
EW-2032	0.7	3.1	688	9.3	---	23.9	On
EW-2033	0.6	2.7	703	9.7	---	23.9	On
EW-2034	0.6	3.6	862	8.3	28.6	23.9	On
EW-2035	1.1	1.7	1,599	6.8	22.3	23.9	On
EW-2036	0.6	4.1	834	13.3	25.0	23.9	On
EW-2037	1.0	6.0	1,260	4.2	27.6	23.9	On
EW-2101	26.9	29.0	38,652	12.7	59.8	23.9	On
EW-2102	10.1	11.1	15,112	14.7	60.7	23.9	On
EW-2103	0.0	0.0	0	21.1	25.6	0.0	Off
EW-2104	32.9	33.5	47,356	13.5	39.3	23.9	On
EW-3001	0.0	0.0	0	1.5	13.9	0.0	Off
EW-3002	0.4	0.6	369	1.7	13.0	18.6	On
EW-3003	0.0	0.0	0	3.8	12.9	0.0	Off

Daily Log

January 9, 2016 12AM to January 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	2	1.2	---	0.1	Off
EW-3005	2.2	2.3	3,155	-3.1	---	23.7	On
EW-3006	0.0	0.3	1	0.4	---	0.0	Off
EW-3007	1.6	5.3	2,237	-3.4	---	23.7	On
EW-3008	0.4	0.5	324	-0.7	---	17.7	On
EW-3009	3.3	6.9	4,670	-1.9	---	23.7	On
EW-3010	1.0	5.9	1,397	-1.8	---	23.7	On
EW-3011	0.7	0.7	515	-0.1	27.3	15.9	On
EW-3012	0.7	5.4	890	-5.8	30.8	23.7	On
EW-3013	1.0	4.9	1,485	-6.1	38.0	23.7	On
EW-3014	0.0	0.5	137	-4.5	43.6	8.6	Off
EW-3015	1.2	4.4	1,688	-5.9	49.7	23.7	On
EW-3016	0.8	2.4	1,188	-6.5	54.9	23.7	On
EW-3017	0.3	1.8	237	-5.2	58.0	12.2	On
EW-3018	0.0	0.6	126	-9.5	57.9	7.0	Off
EW-3019	0.9	3.0	1,328	-2.8	58.8	23.7	On
EW-3020	3.6	6.5	5,164	-2.2	42.5	23.7	On
EW-3021	0.0	0.5	196	0.8	22.4	10.9	Off
EW-3022	0.6	4.7	910	-2.3	29.3	23.7	On
EW-3023	1.5	5.1	2,136	0.5	28.8	23.7	On
EW-3024	0.5	0.5	485	1.1	---	21.9	On
EW-3025	2.0	2.5	2,897	-1.3	31.4	23.7	On
EW-3026	2.5	3.7	3,504	-2.8	31.9	23.7	On
EW-3027	0.0	0.5	7	-0.1	---	0.3	Off
EW-4001	3.1	3.2	4,397	-2.6	25.7	23.7	On
EW-4002	2.3	6.5	3,225	-46.8	14.4	23.7	On
EW-4003	2.0	2.8	2,862	-21.5	---	23.7	On
EW-4004	1.5	1.8	2,380	-8.9	17.9	23.7	On
EW-4005	1.9	2.1	2,828	-13.8	---	23.7	On
EW-4006	1.5	5.0	2,161	-50.9	26.7	23.7	On
EW-4007	1.0	1.1	1,506	-3.7	30.5	23.7	On
EW-4008	2.9	3.1	4,199	-11.2	26.7	23.7	On
EW-4009	0.8	0.9	1,154	-19.6	39.1	23.7	On
EW-4010	2.4	2.6	3,391	0.9	40.3	23.7	On
EW-4011	2.0	2.1	2,932	-18.2	39.7	23.7	On
EW-5001	1.9	2.1	2,849	-23.0	---	23.7	On
EW-5002	0.0	0.0	0	4.9	22.7	0.0	Off
EW Totals	**146.2**		**206,102**				

	Value	Total (KGal)	Peak Flow
FIT-100	145 GPM	203.3	181 GPM
FIT-500	182 GPM	207.8	213 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

January 9, 2016 12AM to January 10, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 9, 2016 12AM to January 10, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,079.3 µS
Outlet Conductivity	CIT-642	665.2 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.9
Recharge Tank Temp	TIT-660C	79.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 10, 2016 12AM to January 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,481	1.8	43.3	24.0	On
EW-2002	0.7	0.8	1,036	5.6	42.6	24.0	On
EW-2003	1.2	1.2	1,687	4.8	39.6	24.0	On
EW-2004	0.5	0.5	693	6.9	33.3	24.0	On
EW-2005	0.4	0.5	512	7.5	31.5	23.9	On
EW-2006	1.1	1.2	1,511	5.8	28.5	24.0	On
EW-2007	1.6	1.7	2,268	7.7	24.9	24.0	On
EW-2008	0.7	0.9	1,078	2.4	24.2	24.0	On
EW-2009	1.1	1.2	1,646	3.2	24.4	24.0	On
EW-2010	0.0	0.4	277	6.2	23.5	15.5	Off
EW-2011	0.0	0.5	322	9.2	21.7	16.9	Off
EW-2012	0.0	0.3	112	11.4	14.7	6.7	Off
EW-2013	0.0	0.5	294	17.4	14.8	14.2	Off
EW-2014	1.0	1.1	1,352	13.1	15.7	24.0	On
EW-2015	0.6	0.6	576	13.1	13.8	20.3	On
EW-2016	0.6	0.6	746	10.4	---	23.8	On
EW-2017	1.4	1.4	1,914	12.3	---	24.0	On
EW-2018	0.8	0.9	881	10.9	---	24.0	On
EW-2019	0.0	0.4	186	12.1	---	10.1	Off
EW-2020	0.4	0.4	319	11.0	---	16.3	On
EW-2021	0.0	0.4	282	11.0	---	14.7	Off
EW-2022	0.5	0.5	446	12.6	---	19.7	On
EW-2023	0.0	0.7	429	12.9	---	16.8	Off
EW-2024	0.5	0.5	307	9.8	---	15.8	On
EW-2025	1.0	1.0	1,187	10.8	---	24.0	On
EW-2026	0.9	0.9	955	9.4	---	24.0	On
EW-2027	0.0	0.0	0	18.1	---	0.0	Off
EW-2028	1.0	1.0	1,164	8.8	---	24.0	On
EW-2029	1.1	1.1	1,273	7.3	---	24.0	On
EW-2030	1.5	1.5	2,003	9.8	---	24.0	On
EW-2031	1.5	1.6	2,064	11.0	---	24.0	On
EW-2032	0.7	0.8	676	8.9	---	24.0	On
EW-2033	0.7	0.7	708	9.4	---	24.0	On
EW-2034	0.6	0.7	865	8.2	29.3	24.0	On
EW-2035	1.1	1.1	1,587	6.6	22.9	24.0	On
EW-2036	0.6	0.7	828	13.3	25.7	24.0	On
EW-2037	1.0	1.0	1,270	4.0	28.3	24.0	On
EW-2101	26.6	27.2	38,683	12.6	60.1	24.0	On
EW-2102	9.6	10.2	14,105	14.6	60.9	24.0	On
EW-2103	0.0	0.0	0	21.1	26.4	0.0	Off
EW-2104	33.0	33.2	47,518	13.4	40.3	24.0	On
EW-3001	0.0	0.0	0	1.5	14.7	0.0	Off
EW-3002	0.5	0.5	372	1.7	13.7	18.1	On
EW-3003	0.0	0.0	0	3.8	13.6	0.0	Off

Daily Log

January 10, 2016 12AM to January 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.2	2.3	3,130	-3.0	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.6	1.6	2,224	-3.5	---	24.0	On
EW-3008	0.4	0.5	346	-0.7	---	18.1	On
EW-3009	3.2	3.3	4,657	-1.8	---	24.0	On
EW-3010	1.1	1.1	1,420	-2.1	---	24.0	On
EW-3011	0.6	0.7	494	0.2	27.9	15.1	On
EW-3012	0.7	0.8	889	-6.0	31.4	24.0	On
EW-3013	1.1	1.2	1,485	-6.2	38.5	24.0	On
EW-3014	0.3	0.4	135	-4.4	44.1	8.6	On
EW-3015	1.2	1.3	1,693	-6.0	50.2	24.0	On
EW-3016	0.8	0.9	1,188	-6.3	55.2	24.0	On
EW-3017	0.3	0.6	239	-6.1	58.5	12.5	On
EW-3018	0.0	0.5	125	-9.4	58.2	7.6	Off
EW-3019	0.9	1.1	1,326	-2.8	59.1	24.0	On
EW-3020	3.6	3.6	5,193	-1.9	42.8	24.0	On
EW-3021	0.4	0.4	193	0.0	23.4	10.8	On
EW-3022	0.6	0.7	887	-2.3	29.9	24.0	On
EW-3023	1.5	1.6	2,143	0.7	29.4	24.0	On
EW-3024	0.5	0.6	481	1.2	---	21.6	On
EW-3025	2.0	2.1	2,912	-1.1	31.9	24.0	On
EW-3026	2.4	2.5	3,528	-2.7	32.6	24.0	On
EW-3027	0.0	0.0	0	0.0	---	0.0	Off
EW-4001	3.0	3.2	4,419	-2.5	26.4	24.0	On
EW-4002	2.4	2.4	3,226	-47.2	15.2	24.0	On
EW-4003	2.0	2.1	2,787	-21.7	---	24.0	On
EW-4004	1.6	1.7	2,193	-8.9	18.5	24.0	On
EW-4005	1.9	2.0	2,739	-14.1	---	24.0	On
EW-4006	1.5	1.6	2,156	-50.9	27.5	24.0	On
EW-4007	1.0	1.1	1,443	-3.4	31.1	24.0	On
EW-4008	2.9	3.0	4,147	-11.5	27.5	24.0	On
EW-4009	0.8	0.9	1,150	-19.8	39.7	24.0	On
EW-4010	2.3	2.4	3,383	0.9	41.1	24.0	On
EW-4011	2.0	2.1	2,932	-18.5	40.2	24.0	On
EW-5001	2.0	2.0	2,758	-23.1	---	24.0	On
EW-5002	0.0	0.0	0	4.8	23.4	0.0	Off
EW Totals	**145.2**		**204,630**				

	Value	Total (KGal)	Peak Flow
FIT-100	144 GPM	202.2	147 GPM
FIT-500	0 GPM	206.4	212 GPM
Effluent Temp	97.9 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

January 10, 2016 12AM to January 11, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 10, 2016 12AM to January 11, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,082.8 µS
Outlet Conductivity	CIT-642	684.9 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.9
Recharge Tank Temp	TIT-660C	78.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 11, 2016 12AM to January 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.3	2,451	1.7	42.1	24.0	On
EW-2002	0.7	1.6	1,035	5.6	41.4	24.0	On
EW-2003	1.2	1.6	1,701	4.8	38.5	24.0	On
EW-2004	0.5	2.8	690	7.0	32.3	23.9	On
EW-2005	0.3	0.6	529	7.0	30.6	23.8	On
EW-2006	1.0	2.2	1,515	6.0	27.5	24.0	On
EW-2007	1.5	2.4	2,262	7.8	24.1	24.0	On
EW-2008	0.7	1.2	1,067	2.6	24.3	24.0	On
EW-2009	1.1	1.3	1,648	3.4	24.4	24.0	On
EW-2010	0.3	0.6	276	5.2	23.6	15.7	On
EW-2011	0.3	0.6	321	8.3	22.1	17.2	On
EW-2012	0.2	0.5	111	13.4	14.5	6.6	On
EW-2013	0.3	0.7	292	17.5	14.6	14.7	On
EW-2014	0.9	2.2	1,352	13.3	14.9	24.0	On
EW-2015	0.3	0.9	580	12.1	13.1	21.6	On
EW-2016	0.4	0.9	731	10.3	---	23.3	On
EW-2017	1.3	2.1	1,931	12.4	---	24.0	On
EW-2018	0.6	2.7	878	11.3	---	24.0	On
EW-2019	0.0	0.8	186	12.1	---	10.1	Off
EW-2020	0.3	0.5	319	12.0	---	16.6	On
EW-2021	0.3	0.4	279	12.5	---	14.9	On
EW-2022	0.3	0.8	445	11.5	---	20.4	On
EW-2023	0.4	1.0	430	12.8	---	17.1	On
EW-2024	0.0	0.8	307	11.0	---	16.8	Off
EW-2025	0.8	2.7	1,181	11.2	---	24.0	On
EW-2026	0.6	2.6	948	9.8	---	24.0	On
EW-2027	0.7	7.4	389	9.7	---	8.2	On
EW-2028	0.7	2.6	1,127	9.2	---	24.0	On
EW-2029	0.9	2.5	1,271	7.7	---	24.0	On
EW-2030	1.3	2.9	1,993	10.1	---	24.0	On
EW-2031	1.3	3.0	2,053	11.1	---	24.0	On
EW-2032	0.5	2.4	686	9.3	---	24.0	On
EW-2033	0.5	1.9	703	9.7	---	24.0	On
EW-2034	0.6	1.5	850	8.3	28.2	24.0	On
EW-2035	1.1	1.5	1,594	6.6	22.0	24.0	On
EW-2036	0.5	1.7	834	13.3	24.6	24.0	On
EW-2037	0.8	2.2	1,260	4.1	27.0	24.0	On
EW-2101	26.7	28.6	36,193	12.5	59.5	24.0	On
EW-2102	9.7	12.2	14,014	14.7	61.1	24.0	On
EW-2103	0.0	8.5	8	21.1	25.4	0.0	Off
EW-2104	32.9	33.6	44,098	13.4	39.1	24.0	On
EW-3001	0.0	0.0	0	1.5	14.4	0.0	Off
EW-3002	0.3	0.7	406	1.9	13.2	19.9	On
EW-3003	0.0	0.0	0	3.8	13.1	0.0	Off

Daily Log

January 11, 2016 12AM to January 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.2	2.5	3,224	-3.3	---	24.0	On
EW-3006	0.0	0.1	0	0.4	---	0.0	Off
EW-3007	1.4	2.7	2,212	-3.4	---	24.0	On
EW-3008	0.3	0.9	271	-0.7	---	15.8	On
EW-3009	3.2	4.1	4,609	-1.9	---	24.0	On
EW-3010	0.9	2.4	1,411	-1.8	---	24.0	On
EW-3011	0.5	0.9	504	0.3	27.0	15.6	On
EW-3012	0.6	2.0	886	-5.8	30.5	24.0	On
EW-3013	1.0	2.1	1,479	-6.1	37.5	24.0	On
EW-3014	0.0	0.4	133	-4.2	43.2	8.3	Off
EW-3015	1.2	5.6	1,691	-5.9	49.4	23.9	On
EW-3016	0.8	2.1	1,190	-6.3	54.8	24.0	On
EW-3017	0.3	0.8	237	-6.0	58.0	12.4	On
EW-3018	0.0	0.6	124	-9.4	57.8	7.2	Off
EW-3019	0.9	2.4	1,319	-2.9	58.6	24.0	On
EW-3020	3.5	4.1	5,132	-1.9	41.7	24.0	On
EW-3021	0.3	0.6	196	-0.1	22.3	11.1	On
EW-3022	0.5	1.8	868	-2.2	28.1	24.0	On
EW-3023	1.4	2.6	2,127	0.8	28.5	24.0	On
EW-3024	0.3	0.8	468	1.0	---	21.8	On
EW-3025	1.9	2.6	2,881	-1.0	30.0	24.0	On
EW-3026	2.3	3.0	3,465	-2.6	30.7	24.0	On
EW-3027	0.0	0.0	0	-0.1	---	0.0	Off
EW-4001	3.1	3.4	4,461	-3.0	25.4	24.0	On
EW-4002	2.2	3.4	3,197	-46.8	14.8	24.0	On
EW-4003	2.0	2.4	2,954	-24.2	---	24.0	On
EW-4004	1.4	1.9	2,277	-9.1	17.8	24.0	On
EW-4005	1.9	2.4	2,901	-16.2	---	24.0	On
EW-4006	1.5	2.5	2,132	-50.8	25.7	24.0	On
EW-4007	0.9	1.2	1,476	-3.9	29.3	24.0	On
EW-4008	3.1	3.6	4,361	-13.8	26.7	24.0	On
EW-4009	0.7	1.3	1,169	-20.8	38.5	24.0	On
EW-4010	2.1	2.5	3,285	0.7	39.2	24.0	On
EW-4011	2.2	2.4	3,064	-21.0	38.6	24.0	On
EW-5001	1.9	2.4	2,916	-24.9	---	24.0	On
EW-5002	0.0	0.8	8	4.7	22.5	0.2	Off
EW Totals	**141.4**		**199,571**				

	Value	Total (KGal)	Peak Flow
FIT-100	140 GPM	197.2	149 GPM
FIT-500	206 GPM	201.2	212 GPM
Effluent Temp	97.7 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

January 11, 2016 12AM to January 11, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 11, 2016 12AM to January 11, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,082.8 µS
Outlet Conductivity	CIT-642	687.5 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	7.1
Recharge Tank Temp	TIT-660C	76.1 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 12, 2016 12AM to January 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	-0.1	3.3	2,322	15.4	11.3	22.5	Off
EW-2002	0.0	5.2	989	12.9	11.0	22.5	Off
EW-2003	0.0	2.2	1,631	13.0	11.1	22.5	Off
EW-2004	0.0	3.2	629	12.2	10.9	14.7	Off
EW-2005	0.0	0.7	480	13.3	11.2	20.3	Off
EW-2006	0.0	6.4	1,449	14.2	11.2	22.5	Off
EW-2007	0.0	5.0	2,143	15.3	11.0	22.5	Off
EW-2008	0.0	4.3	1,029	11.6	11.8	22.4	Off
EW-2009	0.7	2.7	1,549	13.9	12.0	22.4	Off
EW-2010	0.0	0.7	262	11.2	11.5	14.4	Off
EW-2011	0.0	0.7	305	14.6	10.0	15.8	Off
EW-2012	0.0	0.4	112	14.2	9.8	6.6	Off
EW-2013	0.0	0.6	275	21.4	9.8	13.5	Off
EW-2014	0.0	5.8	1,292	20.8	8.4	22.6	Off
EW-2015	0.0	0.6	549	19.0	8.9	21.9	Off
EW-2016	0.0	0.7	678	18.3	---	22.0	Off
EW-2017	0.0	4.4	1,812	20.3	---	22.5	Off
EW-2018	0.0	7.5	843	17.4	---	22.6	Off
EW-2019	0.0	0.5	180	14.1	---	9.7	Off
EW-2020	0.0	0.5	307	15.8	---	16.0	Off
EW-2021	0.0	0.4	268	16.0	---	14.3	Off
EW-2022	0.0	0.6	415	17.3	---	19.1	Off
EW-2023	0.0	0.7	408	16.6	---	16.3	Off
EW-2024	0.0	0.5	294	14.7	---	16.0	Off
EW-2025	0.0	7.3	1,112	17.7	---	22.5	Off
EW-2026	0.0	7.4	909	16.4	---	22.6	Off
EW-2027	0.0	7.4	1,056	17.0	---	22.6	Off
EW-2028	0.0	7.4	1,009	16.4	---	22.6	Off
EW-2029	0.0	7.5	1,214	17.6	---	22.5	Off
EW-2030	0.0	7.4	1,893	18.4	---	22.6	Off
EW-2031	0.0	7.6	1,939	19.6	---	22.6	Off
EW-2032	0.0	7.0	660	14.9	---	22.6	Off
EW-2033	0.0	3.2	677	14.9	---	22.6	Off
EW-2034	0.0	4.3	818	15.8	9.1	22.5	Off
EW-2035	0.0	1.9	1,508	18.5	-3.7	22.6	Off
EW-2036	0.0	5.0	799	19.3	10.7	22.4	Off
EW-2037	0.0	6.6	1,206	14.3	10.1	22.4	Off
EW-2101	0.0	28.1	19,656	15.8	9.5	22.5	Off
EW-2102	0.0	11.2	11,155	17.3	9.6	22.5	Off
EW-2103	0.0	0.0	0	21.1	10.3	0.0	Off
EW-2104	0.0	33.2	31,343	14.7	9.7	22.4	Off
EW-3001	0.0	0.0	0	2.8	9.5	0.0	Off
EW-3002	0.0	0.6	416	4.9	9.0	19.3	Off
EW-3003	0.0	0.0	0	4.6	9.4	0.0	Off

Daily Log

January 12, 2016 12AM to January 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	5	5.1	---	0.4	Off
EW-3005	0.0	2.3	2,936	5.1	---	22.3	Off
EW-3006	0.0	1.1	4	4.3	---	0.2	Off
EW-3007	0.0	5.5	2,098	5.0	---	22.3	Off
EW-3008	0.0	0.5	300	5.0	---	18.3	Off
EW-3009	0.0	6.9	4,449	5.2	---	22.3	Off
EW-3010	0.0	5.9	1,324	5.7	---	22.3	Off
EW-3011	0.0	0.9	494	6.1	8.3	15.1	Off
EW-3012	0.0	6.0	862	2.9	8.1	22.3	Off
EW-3013	0.0	5.7	1,424	6.2	8.8	22.3	Off
EW-3014	0.0	0.6	127	-1.2	9.2	7.4	Off
EW-3015	0.0	5.8	1,624	7.3	8.9	22.2	Off
EW-3016	0.0	3.5	1,149	4.7	9.6	22.3	Off
EW-3017	0.0	1.1	230	-0.2	9.4	11.5	Off
EW-3018	0.0	1.4	122	-7.4	9.2	6.8	Off
EW-3019	0.0	4.0	1,274	8.6	9.9	22.2	Off
EW-3020	0.0	6.4	4,831	12.9	11.6	22.4	Off
EW-3021	0.0	0.7	201	4.7	9.1	11.0	Off
EW-3022	0.0	5.6	833	4.7	9.4	22.3	Off
EW-3023	0.0	5.4	2,031	8.6	8.5	22.4	Off
EW-3024	0.0	0.6	438	6.0	---	20.5	Off
EW-3025	0.0	3.0	2,698	6.9	9.9	22.3	Off
EW-3026	0.0	4.5	3,257	7.4	9.9	22.3	Off
EW-3027	0.0	0.5	15	5.2	---	0.9	Off
EW-4001	0.0	3.5	4,024	2.8	11.1	22.1	Off
EW-4002	0.0	6.7	2,994	-2.1	9.9	22.1	Off
EW-4003	0.0	9.0	2,651	-1.4	---	22.1	Off
EW-4004	0.0	1.9	2,072	2.7	9.0	22.1	Off
EW-4005	0.0	2.2	2,626	2.3	---	22.1	Off
EW-4006	0.0	5.8	2,013	-4.9	9.0	22.1	Off
EW-4007	0.0	1.2	1,353	1.7	10.6	22.1	Off
EW-4008	0.0	3.6	4,016	0.9	10.7	22.1	Off
EW-4009	0.0	1.3	1,072	-0.7	10.8	22.1	Off
EW-4010	0.0	2.8	3,002	2.6	11.7	22.0	Off
EW-4011	0.0	2.6	2,849	3.0	10.8	22.0	Off
EW-5001	0.0	2.2	2,623	-5.5	---	22.1	Off
EW-5002	0.0	0.1	0	4.7	10.0	0.0	Off
EW Totals	**0.5**		**161,617**				

	Value	Total (KGal)	Peak Flow
FIT-100	0 GPM	161.0	159 GPM
FIT-500	0 GPM	125.0	257 GPM
Effluent Temp	93.0 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

January 12, 2016 12AM to January 13, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	40 GPM	0.0
RC-7003	FIT-665	47 GPM	40.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 12, 2016 12AM to January 13, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	59.4
Permeate Flow	FIT-642	0 GPM	43.1
Concentrate Flow	FIT-643	0 GPM	15.4

Inlet Conductivity	CIT-630	964.7 µS
Outlet Conductivity	CIT-642	66.0 µS
Hours Run		10.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 13, 2016 12AM to January 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.4	2,084	1.6	42.5	19.2	On
EW-2002	0.6	5.3	898	5.4	41.8	19.2	On
EW-2003	1.2	2.3	1,483	4.7	39.2	19.2	On
EW-2004	0.6	3.2	552	8.4	33.4	7.1	On
EW-2005	0.2	0.7	419	6.8	31.2	16.4	On
EW-2006	1.0	6.5	1,303	5.7	27.9	19.2	On
EW-2007	1.5	5.2	1,885	7.7	24.5	19.1	On
EW-2008	0.8	4.4	922	2.5	24.1	18.6	On
EW-2009	1.1	2.7	1,301	3.3	24.2	18.4	On
EW-2010	0.3	0.7	239	5.2	23.3	12.1	On
EW-2011	0.0	0.7	274	8.3	21.8	13.3	Off
EW-2012	0.0	0.4	104	12.7	14.2	6.1	Off
EW-2013	0.0	0.7	248	17.6	14.2	12.2	Off
EW-2014	0.9	5.8	1,132	13.1	15.3	19.4	On
EW-2015	0.3	0.7	487	12.2	13.4	19.3	On
EW-2016	0.4	0.8	597	10.5	---	19.3	On
EW-2017	1.3	4.4	1,611	12.2	---	19.3	On
EW-2018	0.6	7.5	757	11.3	---	19.4	On
EW-2019	0.3	0.7	166	12.6	---	8.8	On
EW-2020	0.0	0.7	272	11.5	---	14.3	Off
EW-2021	0.3	0.5	236	13.4	---	12.5	On
EW-2022	0.3	0.8	378	11.9	---	16.9	On
EW-2023	0.4	0.9	381	10.6	---	14.8	On
EW-2024	0.3	0.8	267	10.8	---	13.8	On
EW-2025	0.6	7.5	1,008	11.1	---	19.3	On
EW-2026	0.5	7.5	828	9.8	---	19.4	On
EW-2027	0.7	7.5	939	9.7	---	19.4	On
EW-2028	0.7	7.4	898	9.2	---	19.4	On
EW-2029	0.8	7.5	1,079	7.7	---	19.3	On
EW-2030	1.3	7.4	1,679	9.9	---	19.4	On
EW-2031	1.3	7.7	1,757	11.0	---	19.4	On
EW-2032	0.4	7.1	596	9.3	---	19.4	On
EW-2033	0.5	3.2	601	9.7	---	19.4	On
EW-2034	0.6	4.3	732	8.3	27.2	19.4	On
EW-2035	1.1	1.9	1,317	6.7	21.8	19.4	On
EW-2036	0.6	5.0	733	13.1	25.0	18.6	On
EW-2037	0.8	6.7	1,060	3.9	27.6	18.6	On
EW-2101	25.2	29.2	24,025	13.0	55.6	19.2	On
EW-2102	9.1	9.8	10,102	14.7	57.8	19.2	On
EW-2103	0.0	5.1	48	21.2	25.8	0.2	Off
EW-2104	32.9	44.9	33,345	13.7	39.6	18.6	On
EW-3001	0.0	0.5	26	1.5	14.1	1.3	Off
EW-3002	0.3	0.7	447	1.7	13.2	17.7	On
EW-3003	0.0	0.5	21	3.8	13.2	1.1	Off

Daily Log

January 13, 2016 12AM to January 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	37	1.3	---	2.5	Off
EW-3005	2.2	2.4	2,329	-3.2	---	17.7	On
EW-3006	0.0	0.6	18	0.4	---	1.0	Off
EW-3007	1.5	5.9	2,027	-3.4	---	17.7	On
EW-3008	0.4	0.9	352	-0.9	---	17.2	On
EW-3009	3.3	7.0	4,256	-2.0	---	17.7	On
EW-3010	0.9	6.1	1,342	-2.0	---	17.7	On
EW-3011	0.5	0.9	530	0.0	26.1	15.1	On
EW-3012	0.5	6.0	790	-6.1	29.1	17.7	On
EW-3013	1.0	5.6	1,262	-6.2	35.6	17.7	On
EW-3014	0.3	0.6	128	-3.4	40.9	6.9	On
EW-3015	1.2	5.6	1,429	-6.1	46.5	17.7	On
EW-3016	0.8	3.4	1,016	-6.4	51.3	17.7	On
EW-3017	0.0	0.7	218	-7.0	54.0	10.5	Off
EW-3018	0.0	0.6	122	-9.7	53.9	6.3	Off
EW-3019	0.9	4.1	1,119	-2.9	54.8	17.7	On
EW-3020	3.7	6.5	4,074	-2.0	42.3	17.8	On
EW-3021	0.0	0.6	271	0.3	22.7	12.8	Off
EW-3022	0.6	5.6	880	-2.4	29.5	17.7	On
EW-3023	1.5	5.5	1,856	0.4	27.3	17.7	On
EW-3024	0.3	0.8	396	1.0	---	17.0	On
EW-3025	2.1	3.0	2,359	-1.3	31.5	17.7	On
EW-3026	2.5	4.4	2,889	-2.8	32.2	17.7	On
EW-3027	0.0	0.5	109	-0.2	---	6.0	Off
EW-4001	3.0	3.5	2,894	-1.8	25.9	16.0	On
EW-4002	2.2	7.0	2,446	-47.1	14.5	16.0	On
EW-4003	1.9	8.6	1,856	-22.0	---	16.0	On
EW-4004	1.5	1.9	1,512	-9.5	17.8	16.0	On
EW-4005	2.0	2.3	1,877	-14.1	---	16.0	On
EW-4006	1.5	6.5	1,723	-51.0	26.9	16.0	On
EW-4007	1.0	1.2	1,011	-3.1	30.6	16.0	On
EW-4008	3.0	3.6	2,837	-11.2	27.1	16.0	On
EW-4009	0.7	1.0	738	-18.8	36.8	16.0	On
EW-4010	2.3	2.7	2,220	1.5	40.4	16.0	On
EW-4011	2.1	2.3	1,969	-18.1	39.6	16.0	On
EW-5001	1.9	2.4	1,862	-23.3	---	16.0	On
EW-5002	0.0	0.8	8	5.4	22.3	0.2	Off
EW Totals	**138.8**		**151,998**				

	Value	Total (KGal)	Peak Flow
FIT-100	137 GPM	150.8	177 GPM
FIT-500	201 GPM	103.3	261 GPM
Effluent Temp	97.7 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

January 13, 2016 12AM to January 14, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	41 GPM	0.0
RC-7003	FIT-665	47 GPM	40.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 13, 2016 12AM to January 14, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	58.3
Permeate Flow	FIT-642	0 GPM	42.2
Concentrate Flow	FIT-643	0 GPM	15.2

Inlet Conductivity	CIT-630	1,039.4 µS
Outlet Conductivity	CIT-642	80.5 µS
Hours Run		10.0 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 14, 2016 12AM to January 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.8	2,504	1.7	38.2	24.0	On
EW-2002	0.7	2.2	1,048	5.3	37.5	24.0	On
EW-2003	1.2	1.6	1,730	4.8	34.4	24.0	On
EW-2004	0.5	2.8	642	7.1	27.9	15.1	On
EW-2005	0.4	0.6	494	7.6	26.2	20.6	On
EW-2006	1.1	2.6	1,536	5.6	23.2	24.0	On
EW-2007	1.6	2.6	2,268	7.6	19.9	24.0	On
EW-2008	0.7	3.5	1,079	2.5	19.8	24.0	On
EW-2009	1.1	2.6	1,643	3.3	19.8	23.9	On
EW-2010	0.3	0.5	270	5.4	19.0	14.2	On
EW-2011	0.3	0.7	318	8.5	17.5	16.0	On
EW-2012	0.0	0.4	113	12.2	14.1	6.7	On
EW-2013	0.4	0.6	289	19.0	14.2	14.6	On
EW-2014	0.9	2.2	1,343	12.9	14.2	24.0	On
EW-2015	0.0	0.7	583	13.5	12.6	23.7	Off
EW-2016	0.4	0.8	724	12.2	---	23.7	On
EW-2017	1.3	2.1	1,905	12.0	---	24.0	On
EW-2018	0.6	2.3	883	11.1	---	24.0	On
EW-2019	0.0	0.7	186	12.7	---	10.0	Off
EW-2020	0.3	0.7	318	11.9	---	16.3	On
EW-2021	0.0	0.5	279	11.7	---	14.6	Off
EW-2022	0.3	0.7	451	12.9	---	20.3	On
EW-2023	0.4	0.8	441	12.5	---	17.1	On
EW-2024	0.3	0.7	309	10.6	---	15.9	On
EW-2025	0.8	2.4	1,177	10.9	---	24.0	On
EW-2026	0.7	2.2	956	9.4	---	24.0	On
EW-2027	0.7	2.1	1,091	9.3	---	24.0	On
EW-2028	0.7	2.1	1,042	8.9	---	24.0	On
EW-2029	0.9	2.2	1,265	7.3	---	24.0	On
EW-2030	1.4	2.7	1,990	9.7	---	24.0	On
EW-2031	1.4	2.8	2,076	10.8	---	24.0	On
EW-2032	0.5	2.0	685	9.0	---	24.0	On
EW-2033	0.5	1.9	696	9.4	---	24.0	On
EW-2034	0.6	1.6	854	8.0	12.8	24.0	On
EW-2035	1.1	1.5	1,582	6.5	17.0	24.0	On
EW-2036	0.6	2.9	854	13.1	23.4	24.0	On
EW-2037	0.9	4.1	1,252	3.8	25.6	24.0	On
EW-2101	0.0	29.7	9,846	16.4	12.9	7.1	Off
EW-2102	0.0	17.0	3,215	17.6	13.8	5.9	Off
EW-2103	0.0	0.0	0	21.2	23.6	0.0	Off
EW-2104	30.1	45.0	40,604	13.9	34.9	24.0	On
EW-3001	0.0	0.0	0	1.5	13.9	0.0	Off
EW-3002	0.4	0.6	499	2.1	12.8	21.8	On
EW-3003	0.0	0.0	0	3.8	12.7	0.0	Off

Daily Log

January 14, 2016 12AM to January 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.2	2.3	3,143	-3.2	---	23.9	On
EW-3006	0.0	0.1	0	0.4	---	0.0	Off
EW-3007	1.6	5.3	2,268	-3.6	---	23.9	On
EW-3008	0.2	0.6	378	-0.5	---	21.0	On
EW-3009	3.3	5.9	4,718	-1.9	---	23.9	On
EW-3010	0.9	4.2	1,385	-2.1	---	23.9	On
EW-3011	0.5	1.0	531	0.5	11.5	16.0	On
EW-3012	0.6	3.7	892	-6.1	11.4	23.9	On
EW-3013	1.0	5.7	1,498	-6.4	12.1	23.9	On
EW-3014	0.0	0.9	130	-3.4	12.6	7.4	Off
EW-3015	1.2	6.0	1,711	-6.2	12.2	23.9	On
EW-3016	0.9	3.5	1,214	-6.7	13.0	23.9	On
EW-3017	0.0	0.8	240	-6.6	12.8	11.8	Off
EW-3018	0.0	1.0	126	-9.3	12.7	7.1	Off
EW-3019	0.9	4.0	1,343	-3.1	13.5	23.5	On
EW-3020	3.6	6.3	5,251	-1.9	37.8	23.9	On
EW-3021	0.3	0.7	227	0.9	21.6	12.5	On
EW-3022	0.6	3.3	903	-2.6	28.2	23.9	On
EW-3023	1.5	5.1	2,166	0.6	11.8	23.9	On
EW-3024	0.3	0.7	468	1.4	---	21.5	On
EW-3025	2.0	2.8	2,880	-1.0	30.1	23.9	On
EW-3026	2.4	4.3	3,506	-2.6	30.6	23.9	On
EW-3027	0.0	0.5	2	-0.1	---	0.1	Off
EW-4001	3.0	3.4	4,050	-2.0	24.2	22.7	On
EW-4002	2.2	6.8	3,128	-46.9	14.3	22.7	On
EW-4003	2.1	3.0	2,698	-23.5	---	22.7	On
EW-4004	1.7	1.8	2,185	-9.8	13.2	22.7	On
EW-4005	2.1	2.2	2,745	-14.8	---	22.7	On
EW-4006	1.5	6.3	2,184	-51.1	25.6	22.7	On
EW-4007	1.1	1.2	1,384	-3.7	29.3	22.7	On
EW-4008	3.1	3.6	4,128	-12.3	24.9	22.7	On
EW-4009	0.9	1.3	1,102	-21.8	14.6	22.7	On
EW-4010	2.1	2.6	3,006	1.2	37.3	22.7	On
EW-4011	2.1	2.2	2,843	-18.8	36.7	22.7	On
EW-5001	2.1	2.3	2,713	-24.7	---	22.7	On
EW-5002	0.0	0.0	0	5.2	17.5	0.0	Off
EW Totals	**103.7**		**158,186**				

	Value	Total (KGal)	Peak Flow
FIT-100	104 GPM	157.7	145 GPM
FIT-500	0 GPM	133.6	259 GPM
Effluent Temp	95.2 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

January 14, 2016 12AM to January 15, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	41 GPM	0.0
RC-7003	FIT-665	47 GPM	37.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 14, 2016 12AM to January 15, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	10 GPM	53.4
Permeate Flow	FIT-642	0 GPM	38.4
Concentrate Flow	FIT-643	0 GPM	14.1

Inlet Conductivity	CIT-630	1,028.7 µS
Outlet Conductivity	CIT-642	375.6 µS
Hours Run		9.1 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 15, 2016 12AM to January 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.2	2,267	1.7	39.7	21.6	On
EW-2002	0.8	5.4	968	5.6	38.9	21.6	On
EW-2003	1.2	1.6	1,560	4.8	35.7	21.6	On
EW-2004	0.5	0.7	586	7.2	29.1	21.1	On
EW-2005	0.4	0.6	458	8.2	27.2	20.3	On
EW-2006	1.1	6.6	1,420	5.9	24.3	21.6	On
EW-2007	1.6	5.1	2,054	7.6	20.9	21.6	On
EW-2008	0.8	4.2	995	2.4	21.2	21.6	On
EW-2009	1.2	2.7	1,497	3.3	21.3	21.5	On
EW-2010	0.3	0.7	257	5.4	20.4	13.9	On
EW-2011	0.4	0.6	299	8.2	18.9	15.3	On
EW-2012	0.0	0.5	125	12.6	11.7	7.1	Off
EW-2013	0.0	0.6	265	18.2	11.7	13.0	Off
EW-2014	0.9	5.8	1,225	12.9	9.8	21.6	On
EW-2015	0.5	0.6	534	11.6	9.9	21.2	On
EW-2016	0.6	0.7	659	10.7	---	21.1	On
EW-2017	1.3	4.4	1,716	12.2	---	21.6	On
EW-2018	0.6	7.5	812	10.9	---	21.6	On
EW-2019	0.0	0.5	170	12.8	---	8.7	Off
EW-2020	0.0	0.5	290	11.7	---	14.8	Off
EW-2021	0.3	0.5	252	12.1	---	13.2	On
EW-2022	0.3	0.6	403	13.0	---	17.8	On
EW-2023	0.0	0.7	396	12.4	---	15.5	Off
EW-2024	0.4	0.6	285	10.1	---	14.9	On
EW-2025	0.8	7.3	1,083	10.8	---	21.6	On
EW-2026	0.7	7.5	890	9.4	---	21.6	On
EW-2027	0.8	7.5	1,004	9.3	---	21.6	On
EW-2028	0.7	7.4	966	8.8	---	21.6	On
EW-2029	0.9	7.5	1,165	7.3	---	21.6	On
EW-2030	1.4	7.4	1,823	9.7	---	21.6	On
EW-2031	1.5	7.6	1,897	10.8	---	21.6	On
EW-2032	0.5	7.2	635	8.9	---	21.6	On
EW-2033	0.5	3.3	639	9.4	---	21.6	On
EW-2034	0.6	4.3	792	8.1	15.8	21.6	On
EW-2035	1.1	2.7	1,445	6.5	18.2	21.7	On
EW-2036	0.6	5.0	801	13.2	15.9	21.6	On
EW-2037	1.0	6.4	1,152	3.8	17.9	21.6	On
EW-2101	10.1	34.1	6,813	16.1	23.0	13.3	On
EW-2102	10.2	27.3	6,779	17.2	24.0	13.1	On
EW-2103	0.0	0.0	0	21.2	12.1	0.0	Off
EW-2104	0.0	45.2	42,081	14.3	11.6	21.0	Off
EW-3001	0.0	0.5	10	1.5	11.6	0.4	Off
EW-3002	0.5	0.6	467	1.7	10.6	19.8	On
EW-3003	0.0	0.5	8	3.8	10.6	0.4	Off

Daily Log

January 15, 2016 12AM to January 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	12	1.3	---	0.8	Off
EW-3005	2.2	2.3	2,833	-3.1	---	21.5	On
EW-3006	0.0	0.5	7	0.4	---	0.3	Off
EW-3007	1.6	5.8	2,123	-3.6	---	21.5	On
EW-3008	0.4	0.6	376	-1.0	---	19.9	On
EW-3009	3.3	6.9	4,541	-1.9	---	21.5	On
EW-3010	1.0	6.0	1,310	-2.2	---	21.5	On
EW-3011	0.0	8.1	541	0.9	14.4	15.5	Off
EW-3012	0.6	6.6	839	-6.2	15.3	21.5	On
EW-3013	1.1	6.8	1,403	-6.4	17.6	21.6	On
EW-3014	0.0	0.6	128	-3.6	19.2	7.1	Off
EW-3015	1.2	6.7	1,586	-6.2	20.4	21.5	On
EW-3016	0.9	3.9	1,123	-6.5	22.2	21.5	On
EW-3017	0.0	8.0	234	-6.3	22.7	11.0	Off
EW-3018	0.0	7.8	126	-9.5	22.6	6.8	Off
EW-3019	1.0	4.4	1,279	-3.2	23.3	21.5	On
EW-3020	3.6	6.2	4,741	-1.9	39.1	21.5	On
EW-3021	0.0	0.7	223	0.9	15.5	11.7	Off
EW-3022	0.7	5.5	877	-2.5	22.4	21.5	On
EW-3023	1.5	5.8	2,025	0.7	15.0	21.5	On
EW-3024	0.4	0.6	434	1.0	---	19.8	On
EW-3025	2.0	2.8	2,597	-1.2	24.4	21.5	On
EW-3026	2.4	4.3	3,223	-2.7	24.9	21.5	On
EW-3027	0.0	0.5	26	-0.1	---	1.7	Off
EW-4001	3.2	3.4	3,789	-2.3	16.8	21.2	On
EW-4002	2.3	6.8	2,949	-46.9	12.2	21.2	On
EW-4003	2.1	2.8	2,555	-22.4	---	21.2	On
EW-4004	1.6	1.8	2,069	-8.6	14.2	21.2	On
EW-4005	2.0	2.2	2,561	-13.5	---	21.2	On
EW-4006	1.6	6.2	2,068	-50.9	19.8	21.2	On
EW-4007	1.1	1.2	1,309	-3.2	23.5	21.2	On
EW-4008	3.1	3.6	3,825	-12.5	13.5	21.2	On
EW-4009	0.9	1.3	1,046	-21.0	19.8	21.2	On
EW-4010	2.4	2.7	2,762	1.3	32.8	21.2	On
EW-4011	2.3	2.4	2,657	-22.0	32.3	21.2	On
EW-5001	2.0	2.2	2,546	-23.5	---	21.2	On
EW-5002	0.0	0.0	0	5.3	18.7	0.0	Off
EW Totals	**95.3**		**152,685**				

	Value	Total (KGal)	Peak Flow
FIT-100	97 GPM	153.1	145 GPM
FIT-500	169 GPM	130.0	241 GPM
Effluent Temp	99.3 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

January 15, 2016 12AM to January 16, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	14.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 15, 2016 12AM to January 16, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	22.7
Permeate Flow	FIT-642	0 GPM	16.3
Concentrate Flow	FIT-643	0 GPM	6.0

Inlet Conductivity	CIT-630	934.0 µS
Outlet Conductivity	CIT-642	138.9 µS
Hours Run		3.9 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	92.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 16, 2016 12AM to January 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.3	2,509	1.8	40.9	24.0	On
EW-2002	0.7	1.6	1,068	5.4	40.2	24.0	On
EW-2003	1.2	1.6	1,739	4.8	37.2	24.0	On
EW-2004	0.4	0.7	643	7.6	30.7	23.8	On
EW-2005	0.3	0.6	510	7.2	28.9	22.9	On
EW-2006	1.0	1.5	1,578	6.0	26.0	24.0	On
EW-2007	1.5	1.9	2,251	7.7	22.8	24.0	On
EW-2008	0.8	0.9	1,077	2.6	23.5	24.0	On
EW-2009	1.2	1.2	1,656	3.4	23.6	24.0	On
EW-2010	0.3	0.5	274	5.4	22.6	14.8	On
EW-2011	0.3	0.5	320	8.4	21.1	16.5	On
EW-2012	0.3	0.9	114	11.3	14.9	6.6	On
EW-2013	0.3	0.6	284	18.3	15.0	13.8	On
EW-2014	0.8	1.2	1,336	13.3	15.0	24.0	On
EW-2015	0.3	0.6	580	12.7	13.1	23.0	On
EW-2016	0.4	0.6	723	11.5	---	23.2	On
EW-2017	1.2	1.5	1,903	12.1	---	24.0	On
EW-2018	0.6	1.0	875	11.3	---	24.0	On
EW-2019	0.3	0.5	182	12.6	---	9.5	On
EW-2020	0.3	0.5	316	10.2	---	15.7	On
EW-2021	0.3	0.4	270	13.1	---	14.1	On
EW-2022	0.3	0.5	441	13.1	---	19.2	On
EW-2023	0.4	0.7	430	12.5	---	16.4	On
EW-2024	0.3	0.5	304	11.0	---	15.1	On
EW-2025	0.8	1.1	1,170	11.2	---	24.0	On
EW-2026	0.7	1.1	960	9.8	---	24.0	On
EW-2027	0.7	1.1	1,095	9.7	---	24.0	On
EW-2028	0.7	1.1	1,046	9.2	---	24.0	On
EW-2029	0.9	1.2	1,266	7.7	---	24.0	On
EW-2030	1.2	1.6	1,987	10.0	---	24.0	On
EW-2031	1.3	1.7	2,070	11.1	---	24.0	On
EW-2032	0.5	0.9	679	9.3	---	24.0	On
EW-2033	0.5	0.9	690	9.7	---	24.0	On
EW-2034	0.6	1.1	858	8.3	19.7	24.0	On
EW-2035	1.1	1.2	1,585	6.6	20.2	24.0	On
EW-2036	0.5	1.3	875	13.3	24.6	24.0	On
EW-2037	0.7	1.8	1,259	4.2	26.8	24.0	On
EW-2101	15.0	19.0	14,440	15.7	32.9	24.0	On
EW-2102	14.8	18.7	14,463	16.8	35.3	24.0	On
EW-2103	0.0	0.0	0	21.3	25.5	0.0	Off
EW-2104	32.9	35.8	15,872	14.1	39.2	11.6	On
EW-3001	0.0	0.5	4	1.5	14.7	0.2	Off
EW-3002	0.3	0.6	532	2.2	13.4	21.4	On
EW-3003	0.0	0.5	3	3.8	13.2	0.2	Off

Daily Log

January 16, 2016 12AM to January 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	7	1.2	---	0.5	Off
EW-3005	2.1	2.2	2,925	-3.1	---	22.6	On
EW-3006	0.0	0.6	4	0.4	---	0.2	Off
EW-3007	1.5	5.7	2,189	-3.4	---	22.6	On
EW-3008	0.3	0.5	414	-0.8	---	20.8	On
EW-3009	3.2	7.0	4,629	-1.9	---	22.6	On
EW-3010	0.8	6.1	1,399	-1.9	---	22.6	On
EW-3011	0.5	0.9	536	0.2	18.4	15.8	On
EW-3012	0.6	6.5	878	-5.8	20.0	22.6	On
EW-3013	1.1	6.1	1,448	-6.1	23.7	22.6	On
EW-3014	0.0	0.7	131	-4.3	26.2	7.3	Off
EW-3015	1.3	6.4	1,656	-5.9	28.6	22.6	On
EW-3016	0.8	3.7	1,170	-6.5	31.4	22.6	On
EW-3017	0.3	0.8	233	-5.2	32.3	11.5	On
EW-3018	0.3	1.1	125	-9.4	32.2	7.1	On
EW-3019	0.8	4.5	1,310	-2.8	32.9	22.6	On
EW-3020	3.6	6.3	4,957	-1.9	40.6	22.6	On
EW-3021	0.3	0.6	220	-0.2	22.5	11.5	On
EW-3022	0.5	5.7	889	-2.3	29.0	22.6	On
EW-3023	1.4	5.7	2,102	0.7	19.2	22.6	On
EW-3024	0.3	0.6	458	1.0	---	20.3	On
EW-3025	2.0	2.7	2,768	-1.1	30.9	22.6	On
EW-3026	2.5	4.1	3,386	-2.8	31.4	22.6	On
EW-3027	0.0	0.5	20	-0.1	---	1.0	Off
EW-4001	3.0	3.4	3,914	-1.9	25.4	21.5	On
EW-4002	2.3	7.0	3,037	-46.8	15.2	21.5	On
EW-4003	2.0	3.3	2,580	-23.2	---	21.5	On
EW-4004	1.6	1.8	2,069	-10.4	16.4	21.5	On
EW-4005	2.0	2.2	2,548	-14.3	---	21.5	On
EW-4006	1.6	6.6	2,133	-50.8	26.5	21.5	On
EW-4007	1.0	1.2	1,333	-3.3	30.1	21.5	On
EW-4008	3.0	3.4	3,888	-12.4	26.8	21.5	On
EW-4009	0.7	1.2	1,057	-20.7	25.7	21.5	On
EW-4010	2.1	2.6	2,910	1.6	38.5	21.5	On
EW-4011	2.1	2.4	2,713	-18.8	37.9	21.5	On
EW-5001	2.0	2.2	2,564	-24.9	---	21.5	On
EW-5002	0.0	0.0	0	5.3	20.8	0.0	Off
EW Totals	**136.2**		**146,843**				

	Value	Total (KGal)	Peak Flow
FIT-100	137 GPM	148.1	149 GPM
FIT-500	186 GPM	153.2	202 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

January 16, 2016 12AM to January 17, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 16, 2016 12AM to January 17, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	935.8 µS
Outlet Conductivity	CIT-642	344.6 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	87.9 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 17, 2016 12AM to January 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.3	2,466	1.6	42.5	22.7	On
EW-2002	0.8	5.3	1,069	5.6	41.7	22.7	On
EW-2003	1.2	1.5	1,659	4.9	38.4	22.7	On
EW-2004	0.5	1.4	647	7.1	31.3	22.5	On
EW-2005	0.4	1.0	509	7.4	29.3	22.4	On
EW-2006	1.1	6.7	1,559	5.8	26.1	22.7	On
EW-2007	1.6	5.1	2,187	7.8	22.5	22.7	On
EW-2008	0.8	4.0	1,087	2.6	22.7	22.7	On
EW-2009	1.2	2.7	1,623	3.4	22.8	22.6	On
EW-2010	0.4	1.9	287	5.8	21.9	15.5	On
EW-2011	0.4	1.8	327	8.7	20.4	16.6	On
EW-2012	0.3	2.2	128	13.0	13.5	7.3	On
EW-2013	0.0	2.3	293	18.3	13.5	14.3	Off
EW-2014	1.0	5.7	1,294	13.2	14.2	22.8	On
EW-2015	0.5	2.4	562	12.1	12.3	22.0	On
EW-2016	0.6	0.6	710	10.7	---	22.6	On
EW-2017	1.4	4.4	1,887	12.3	---	23.3	On
EW-2018	0.8	7.4	875	11.2	---	23.4	On
EW-2019	0.4	0.5	181	12.8	---	9.6	On
EW-2020	0.4	0.5	310	11.9	---	16.0	On
EW-2021	0.3	0.4	274	11.5	---	14.6	On
EW-2022	0.5	0.5	436	11.2	---	19.1	On
EW-2023	0.6	0.6	429	11.7	---	16.5	On
EW-2024	0.0	0.5	306	9.8	---	15.2	Off
EW-2025	1.0	7.3	1,163	11.1	---	23.2	On
EW-2026	0.9	7.3	953	9.6	---	23.4	On
EW-2027	1.0	7.3	1,098	9.5	---	23.4	On
EW-2028	1.0	7.3	1,052	9.0	---	23.4	On
EW-2029	1.1	7.3	1,267	7.6	---	23.4	On
EW-2030	1.4	7.4	1,979	10.1	---	23.4	On
EW-2031	1.5	7.7	2,071	11.1	---	23.4	On
EW-2032	0.7	7.0	673	9.1	---	23.4	On
EW-2033	0.7	2.9	687	9.6	---	23.4	On
EW-2034	0.6	4.2	865	8.2	19.2	23.4	On
EW-2035	1.1	1.9	1,571	6.6	19.7	23.4	On
EW-2036	0.6	4.9	899	13.2	24.4	23.3	On
EW-2037	0.9	6.3	1,283	4.1	26.9	23.3	On
EW-2101	15.0	17.0	21,040	15.6	34.1	23.4	On
EW-2102	15.1	15.9	21,015	16.6	36.6	23.4	On
EW-2103	0.0	0.0	0	21.3	25.0	0.0	Off
EW-2104	33.0	33.3	46,236	13.7	38.8	23.3	On
EW-3001	0.0	0.0	0	1.5	13.3	0.0	Off
EW-3002	0.4	0.5	591	1.7	12.3	22.8	On
EW-3003	0.0	0.0	0	3.8	12.2	0.0	Off

Daily Log

January 17, 2016 12AM to January 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	9	1.3	---	0.6	Off
EW-3005	2.1	2.2	2,921	-2.9	---	22.9	On
EW-3006	0.0	0.4	3	0.4	---	0.2	Off
EW-3007	1.6	5.5	2,234	-3.4	---	22.9	On
EW-3008	0.4	0.5	428	-0.7	---	20.8	On
EW-3009	3.3	7.0	4,762	-1.9	---	22.9	On
EW-3010	1.1	6.0	1,460	-1.9	---	22.9	On
EW-3011	0.7	0.7	575	0.2	17.9	16.5	On
EW-3012	0.7	6.0	896	-5.9	19.7	22.9	On
EW-3013	1.1	5.6	1,486	-6.1	23.8	22.9	On
EW-3014	0.0	0.5	135	-3.9	26.6	7.8	Off
EW-3015	1.2	5.7	1,693	-5.9	29.4	22.9	On
EW-3016	0.8	3.2	1,193	-6.3	32.6	22.9	On
EW-3017	0.4	0.8	239	-7.6	33.5	12.1	On
EW-3018	0.0	0.6	125	-8.9	33.2	7.3	Off
EW-3019	0.9	4.1	1,348	-2.9	34.1	22.9	On
EW-3020	3.7	6.9	5,102	-2.0	41.9	22.9	On
EW-3021	0.3	5.4	449	0.4	22.1	15.4	On
EW-3022	0.6	5.5	911	-2.3	29.0	22.9	On
EW-3023	1.5	5.5	2,133	0.8	18.8	22.9	On
EW-3024	0.5	0.6	487	0.9	---	21.1	On
EW-3025	2.0	2.9	2,842	-1.3	31.0	22.9	On
EW-3026	2.5	4.4	3,503	-2.9	31.7	22.9	On
EW-3027	0.0	0.5	47	-0.1	---	2.4	Off
EW-4001	3.1	3.2	4,060	-1.9	25.2	22.1	On
EW-4002	2.2	6.9	3,133	-47.0	13.9	22.1	On
EW-4003	2.0	3.4	2,610	-21.2	---	22.1	On
EW-4004	1.6	1.8	2,156	-9.2	15.6	22.1	On
EW-4005	1.9	2.1	2,582	-12.1	---	22.1	On
EW-4006	1.5	6.3	2,211	-50.9	26.3	22.1	On
EW-4007	1.1	1.1	1,404	-3.2	30.1	22.1	On
EW-4008	2.9	3.1	3,882	-10.7	26.1	22.1	On
EW-4009	0.8	0.9	1,064	-20.2	25.5	22.1	On
EW-4010	2.4	2.6	3,068	1.4	40.0	22.1	On
EW-4011	2.0	2.1	2,714	-17.6	39.1	22.1	On
EW-5001	1.9	2.1	2,601	-22.9	---	22.1	On
EW-5002	0.0	0.0	0	5.3	20.2	0.0	Off
EW Totals	**141.8**		**192,014**				

	Value	Total (KGal)	Peak Flow
FIT-100	142 GPM	193.1	185 GPM
FIT-500	191 GPM	200.9	201 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

January 17, 2016 12AM to January 18, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 17, 2016 12AM to January 18, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	935.2 µS
Outlet Conductivity	CIT-642	430.0 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	85.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 18, 2016 12AM to January 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.3	2,498	1.7	42.0	22.7	On
EW-2002	0.8	5.5	1,093	5.7	41.2	22.7	On
EW-2003	1.3	5.6	1,674	4.5	38.1	22.4	On
EW-2004	0.4	0.7	653	8.0	30.7	22.5	On
EW-2005	0.4	0.6	510	7.1	28.6	22.3	On
EW-2006	1.1	6.6	1,609	5.7	25.5	22.7	On
EW-2007	1.6	5.3	2,268	7.7	22.0	22.7	On
EW-2008	0.7	4.1	1,070	2.4	20.9	22.6	On
EW-2009	1.2	2.7	1,612	3.2	21.0	22.5	On
EW-2010	0.0	0.7	283	5.5	20.1	14.9	Off
EW-2011	0.0	0.7	324	8.6	18.7	16.2	Off
EW-2012	0.3	0.5	140	11.1	14.1	7.9	On
EW-2013	0.3	0.5	296	18.3	14.1	14.1	On
EW-2014	0.7	5.8	1,309	13.1	11.8	22.8	On
EW-2015	0.3	0.6	562	11.9	11.9	22.0	On
EW-2016	0.4	1.2	708	10.2	---	22.3	On
EW-2017	1.3	4.5	1,916	12.2	---	22.8	On
EW-2018	0.0	7.6	859	11.3	---	22.8	On
EW-2019	0.3	0.5	183	12.3	---	9.7	On
EW-2020	0.3	0.6	309	11.4	---	15.5	On
EW-2021	0.3	1.1	270	11.6	---	13.9	On
EW-2022	0.3	0.8	426	11.7	---	18.8	On
EW-2023	0.4	0.7	426	11.1	---	16.1	On
EW-2024	0.0	0.6	298	11.0	---	15.2	Off
EW-2025	0.4	7.4	1,156	11.1	---	22.7	On
EW-2026	0.1	7.5	943	9.8	---	22.8	On
EW-2027	0.4	7.5	1,091	9.7	---	22.8	On
EW-2028	0.2	7.5	1,042	9.2	---	22.8	On
EW-2029	0.5	7.6	1,252	7.6	---	22.7	On
EW-2030	1.2	7.5	1,977	9.9	---	22.8	On
EW-2031	1.3	7.7	2,078	11.0	---	22.8	On
EW-2032	0.0	7.2	679	9.2	---	22.8	On
EW-2033	0.2	3.3	679	9.6	---	22.8	On
EW-2034	0.5	4.3	861	8.0	16.8	22.8	On
EW-2035	0.0	1.9	828	19.5	-3.4	12.2	Off
EW-2036	0.5	5.3	914	13.1	17.2	22.6	On
EW-2037	0.7	6.8	1,264	4.0	18.5	22.6	On
EW-2101	9.9	16.7	17,722	15.9	24.7	22.7	On
EW-2102	9.9	15.9	17,810	16.8	25.8	22.7	On
EW-2103	0.0	0.0	0	21.4	14.1	0.0	Off
EW-2104	0.0	33.3	15,974	15.5	13.5	8.1	Off
EW-3001	0.0	0.5	1	1.5	13.9	0.1	Off
EW-3002	0.3	0.6	585	1.7	12.9	22.5	On
EW-3003	0.0	0.5	2	3.8	12.8	0.1	Off

Daily Log

January 18, 2016 12AM to January 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	9	1.3	---	0.6	Off
EW-3005	2.1	3.2	2,879	-3.1	---	22.5	On
EW-3006	0.0	0.6	4	0.4	---	0.2	Off
EW-3007	1.4	5.7	2,187	-3.5	---	22.5	On
EW-3008	0.3	0.5	404	-0.9	---	20.1	On
EW-3009	3.2	7.0	4,664	-1.9	---	22.5	On
EW-3010	0.7	6.1	1,438	-1.9	---	22.5	On
EW-3011	0.5	0.8	549	-0.1	15.7	15.8	On
EW-3012	0.4	5.9	888	-6.0	16.5	22.5	On
EW-3013	0.9	5.5	1,469	-6.4	19.1	22.5	On
EW-3014	0.0	0.7	128	-3.0	20.8	7.1	On
EW-3015	1.1	5.4	1,669	-6.2	22.0	22.5	On
EW-3016	0.8	3.1	1,181	-6.5	24.0	22.5	On
EW-3017	0.3	0.9	232	-5.5	24.4	11.5	On
EW-3018	0.3	1.0	126	-9.8	24.3	7.1	On
EW-3019	0.9	3.9	1,336	-3.1	25.1	22.5	On
EW-3020	3.7	6.1	5,074	-2.1	41.5	22.5	On
EW-3021	0.0	0.5	313	0.4	17.2	15.9	Off
EW-3022	0.5	5.6	865	-2.5	23.8	22.5	On
EW-3023	1.4	5.5	2,125	0.5	16.2	22.5	On
EW-3024	0.3	0.6	478	0.8	---	20.6	On
EW-3025	2.1	2.9	2,826	-1.2	25.8	22.5	On
EW-3026	2.5	4.5	3,460	-2.8	26.5	22.5	On
EW-3027	0.0	0.5	28	-0.1	---	1.5	Off
EW-4001	2.9	3.4	4,051	-1.9	18.1	22.3	On
EW-4002	2.1	6.9	3,128	-47.1	14.4	22.3	On
EW-4003	1.8	8.9	2,596	-22.1	---	22.3	On
EW-4004	1.5	1.8	2,125	-9.2	15.2	22.3	On
EW-4005	1.8	2.0	2,564	-12.5	---	22.3	On
EW-4006	1.4	6.3	2,198	-51.1	21.2	22.3	On
EW-4007	1.0	1.2	1,392	-3.1	24.8	22.3	On
EW-4008	2.8	3.6	3,886	-11.0	15.3	22.3	On
EW-4009	0.7	1.1	1,085	-21.0	21.0	22.3	On
EW-4010	2.3	2.6	3,160	1.3	31.3	22.3	On
EW-4011	2.0	2.4	2,745	-17.7	30.5	22.3	On
EW-5001	1.8	2.1	2,584	-23.5	---	22.3	On
EW-5002	0.0	0.9	9	5.2	0.7	0.2	Off
EW Totals	**85.9**		**154,009**				

	Value	Total (KGal)	Peak Flow
FIT-100	85 GPM	153.9	168 GPM
FIT-500	191 GPM	157.2	201 GPM
Effluent Temp	91.2 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

January 18, 2016 12AM to January 19, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 18, 2016 12AM to January 19, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	935.8 µS
Outlet Conductivity	CIT-642	540.2 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	83.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 19, 2016 12AM to January 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.6	2,510	1.7	41.6	22.8	On
EW-2002	0.8	4.9	1,093	5.7	40.8	22.8	On
EW-2003	1.3	4.5	1,797	4.8	37.4	22.8	On
EW-2004	0.4	0.7	659	8.4	30.5	22.7	On
EW-2005	0.4	0.6	523	8.0	28.5	22.4	On
EW-2006	1.2	5.9	1,630	5.9	25.4	22.8	On
EW-2007	1.7	4.9	2,306	7.7	21.8	22.8	On
EW-2008	0.8	4.0	1,063	2.6	21.4	22.8	On
EW-2009	1.2	2.6	1,611	3.4	21.5	22.8	On
EW-2010	0.0	0.7	279	6.0	20.5	15.2	Off
EW-2011	0.4	0.7	324	8.1	19.1	16.6	On
EW-2012	0.3	0.5	138	11.0	14.5	7.8	On
EW-2013	0.5	0.6	301	18.4	14.6	14.7	On
EW-2014	1.1	5.8	1,311	13.2	12.3	22.8	On
EW-2015	0.5	0.6	577	12.5	11.7	22.4	On
EW-2016	0.6	0.7	714	11.0	---	22.5	On
EW-2017	1.4	4.4	1,905	12.3	---	22.8	On
EW-2018	0.9	7.5	854	11.1	---	22.8	On
EW-2019	0.0	0.5	182	11.6	---	9.7	Off
EW-2020	0.4	0.5	309	10.9	---	15.9	On
EW-2021	0.0	0.5	265	12.8	---	13.6	Off
EW-2022	0.5	0.6	431	12.6	---	19.4	On
EW-2023	0.6	0.7	426	11.4	---	16.8	On
EW-2024	0.5	0.6	301	9.8	---	15.8	On
EW-2025	1.1	7.3	1,158	11.0	---	22.8	On
EW-2026	1.0	7.5	939	9.6	---	22.8	On
EW-2027	1.1	7.5	1,081	9.5	---	22.8	On
EW-2028	1.1	7.4	1,031	9.0	---	22.8	On
EW-2029	1.1	7.5	1,244	7.5	---	22.8	On
EW-2030	1.6	7.4	1,977	10.0	---	22.8	On
EW-2031	1.6	7.7	2,080	11.1	---	22.8	On
EW-2032	0.8	7.2	677	9.1	---	22.8	On
EW-2033	0.8	3.4	673	9.5	---	22.8	On
EW-2034	0.7	4.3	857	8.3	16.8	22.8	On
EW-2035	0.0	0.0	0	19.5	-3.4	0.0	Off
EW-2036	0.7	5.3	926	13.4	19.5	22.8	On
EW-2037	1.0	6.7	1,256	4.1	21.2	22.8	On
EW-2101	10.1	13.2	13,721	16.1	24.8	22.8	On
EW-2102	9.9	12.3	13,758	16.9	26.1	22.8	On
EW-2103	0.0	0.0	0	21.4	17.0	0.0	Off
EW-2104	15.2	17.2	9,805	15.2	19.5	10.9	On
EW-3001	0.0	0.5	3	1.5	14.2	0.2	Off
EW-3002	0.5	0.6	607	2.0	12.9	22.8	On
EW-3003	0.0	0.5	3	3.8	12.6	0.1	Off

Daily Log

January 19, 2016 12AM to January 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	8	1.3	---	0.5	Off
EW-3005	2.1	2.2	2,935	-3.0	---	22.8	On
EW-3006	0.0	0.5	4	0.4	---	0.2	Off
EW-3007	1.6	5.7	2,191	-3.4	---	22.8	On
EW-3008	0.4	0.6	411	-0.7	---	21.2	On
EW-3009	3.2	6.9	4,625	-1.7	---	22.8	On
EW-3010	1.2	6.0	1,410	-1.9	---	22.8	On
EW-3011	0.7	0.8	604	0.2	15.4	17.7	On
EW-3012	0.8	6.0	886	-5.9	16.3	22.8	On
EW-3013	1.1	5.6	1,473	-6.2	19.1	22.8	On
EW-3014	0.0	0.5	129	-3.2	20.9	7.3	Off
EW-3015	1.3	5.7	1,672	-6.0	22.2	22.8	On
EW-3016	0.8	3.5	1,183	-6.3	24.1	22.8	On
EW-3017	0.4	0.7	235	-7.1	24.6	12.1	On
EW-3018	0.0	0.6	124	-9.3	24.4	7.2	Off
EW-3019	1.0	4.2	1,339	-2.8	25.3	22.8	On
EW-3020	3.7	5.9	5,101	-1.8	40.9	22.8	On
EW-3021	0.4	0.6	355	-0.2	19.1	17.8	On
EW-3022	0.6	5.6	863	-2.2	26.0	22.8	On
EW-3023	1.5	5.5	2,106	0.7	16.0	22.8	On
EW-3024	0.5	0.6	477	1.2	---	21.3	On
EW-3025	2.0	3.0	2,855	-1.1	28.0	22.8	On
EW-3026	2.5	4.5	3,484	-2.7	28.6	22.8	On
EW-3027	0.0	0.5	20	0.0	---	0.9	Off
EW-4001	2.9	3.3	3,861	-1.3	20.2	21.3	On
EW-4002	2.4	7.1	3,006	-46.9	14.8	21.3	On
EW-4003	2.0	4.0	2,565	-20.3	---	21.3	On
EW-4004	1.6	1.8	2,059	-8.0	14.7	21.3	On
EW-4005	2.0	2.2	2,536	-11.3	---	21.3	On
EW-4006	1.7	6.7	2,122	-50.9	23.4	21.3	On
EW-4007	1.0	1.2	1,304	-2.2	27.1	21.3	On
EW-4008	2.9	3.3	3,803	-10.6	18.2	21.3	On
EW-4009	0.8	0.9	1,041	-18.4	21.1	21.3	On
EW-4010	2.3	2.6	2,954	1.7	33.5	21.3	On
EW-4011	2.0	2.1	2,622	-17.0	32.9	21.3	On
EW-5001	2.0	2.2	2,557	-22.3	---	21.3	On
EW-5002	0.0	0.8	0	7.3	0.9	0.0	Off
EW Totals	**115.1**		**138,229**				

	Value	Total (KGal)	Peak Flow
FIT-100	115 GPM	137.5	142 GPM
FIT-500	194 GPM	141.4	200 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

January 19, 2016 12AM to January 20, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 19, 2016 12AM to January 20, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	937.2 µS
Outlet Conductivity	CIT-642	602.4 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	82.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 20, 2016 12AM to January 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,597	1.8	46.0	24.0	On
EW-2002	0.8	0.9	1,134	5.6	45.3	24.0	On
EW-2003	1.3	1.4	1,856	4.7	42.0	24.0	On
EW-2004	0.4	0.6	647	8.5	35.1	24.0	On
EW-2005	0.4	0.5	550	8.0	33.0	23.8	On
EW-2006	1.2	1.5	1,700	5.8	29.8	24.0	On
EW-2007	1.7	1.9	2,402	7.7	26.2	24.0	On
EW-2008	0.7	1.6	1,093	2.4	24.7	24.0	On
EW-2009	1.2	2.8	1,674	3.2	25.3	23.9	On
EW-2010	0.0	0.7	285	5.6	24.4	15.6	Off
EW-2011	0.0	0.6	332	8.5	22.8	17.0	Off
EW-2012	0.0	0.5	153	13.2	17.0	8.6	Off
EW-2013	0.4	0.6	318	17.7	17.1	15.4	On
EW-2014	0.9	1.3	1,357	12.9	19.5	24.0	On
EW-2015	0.5	0.6	589	12.2	16.3	23.9	On
EW-2016	0.6	0.7	732	10.4	---	23.9	On
EW-2017	1.4	1.6	1,944	12.2	---	24.0	On
EW-2018	0.6	1.3	875	10.9	---	24.0	On
EW-2019	0.0	0.6	181	13.2	---	9.6	Off
EW-2020	0.4	0.6	318	10.3	---	16.2	On
EW-2021	0.3	0.5	276	11.1	---	14.4	On
EW-2022	0.4	0.6	448	12.1	---	20.2	On
EW-2023	0.4	0.7	441	12.6	---	17.2	On
EW-2024	0.0	0.6	304	10.3	---	15.9	Off
EW-2025	0.8	1.4	1,187	10.8	---	24.0	On
EW-2026	0.7	1.3	959	9.4	---	24.0	On
EW-2027	0.8	1.4	1,106	9.3	---	24.0	On
EW-2028	0.7	1.4	1,057	8.8	---	24.0	On
EW-2029	0.9	1.4	1,279	7.3	---	24.0	On
EW-2030	1.4	1.9	2,036	9.7	---	24.0	On
EW-2031	1.5	2.0	2,136	10.8	---	24.0	On
EW-2032	0.5	1.2	692	8.9	---	24.0	On
EW-2033	0.5	1.1	690	9.3	---	24.0	On
EW-2034	0.6	1.0	881	8.1	24.9	24.0	On
EW-2035	0.0	0.2	0	19.5	-3.1	0.0	Off
EW-2036	0.7	1.5	948	13.1	32.1	24.0	On
EW-2037	0.9	1.8	1,286	3.8	35.4	24.0	On
EW-2101	21.0	21.4	22,023	15.3	49.4	24.0	On
EW-2102	19.4	22.3	21,237	16.9	53.6	24.0	On
EW-2103	0.0	5.0	8	21.4	36.0	0.0	Off
EW-2104	44.1	44.7	35,394	13.8	61.5	24.0	On
EW-3001	0.0	0.0	0	1.5	16.9	0.0	Off
EW-3002	0.5	0.6	615	1.9	15.8	24.0	On
EW-3003	0.0	0.0	0	3.8	15.7	0.0	Off

Daily Log

January 20, 2016 12AM to January 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.1	2.2	3,067	-3.0	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.6	1.9	2,260	-3.6	---	24.0	On
EW-3008	0.4	0.6	466	-0.9	---	23.9	On
EW-3009	3.3	4.8	4,496	-1.9	---	23.8	On
EW-3010	1.0	1.5	1,414	-2.2	---	24.0	On
EW-3011	0.7	0.9	666	-0.1	23.5	19.1	On
EW-3012	0.7	1.4	906	-6.2	26.4	24.0	On
EW-3013	1.1	5.6	1,513	-6.3	32.3	23.8	On
EW-3014	0.0	0.5	130	-3.7	36.4	7.6	Off
EW-3015	1.3	2.7	1,732	-6.1	40.9	24.0	On
EW-3016	0.8	1.7	1,218	-6.3	45.7	24.0	On
EW-3017	0.4	0.8	231	-6.5	48.0	11.4	On
EW-3018	0.0	1.1	125	-9.7	47.8	7.1	Off
EW-3019	1.0	2.4	1,381	-2.9	48.6	24.0	On
EW-3020	3.6	3.8	5,279	-1.8	45.5	24.0	On
EW-3021	0.3	0.6	387	-0.2	28.4	19.3	On
EW-3022	0.6	1.6	876	-2.4	35.1	24.0	On
EW-3023	1.6	5.4	2,153	0.4	24.7	23.8	On
EW-3024	0.4	0.7	527	0.9	---	23.1	On
EW-3025	2.0	2.4	2,926	-1.1	37.0	24.0	On
EW-3026	2.5	2.9	3,565	-2.7	37.7	24.0	On
EW-3027	0.0	0.5	7	-0.1	---	0.5	Off
EW-4001	3.0	3.3	3,824	-1.5	32.8	21.5	On
EW-4002	2.3	6.9	3,058	-47.2	17.5	21.5	On
EW-4003	2.0	7.4	2,518	-20.7	---	21.5	On
EW-4004	1.6	1.8	2,003	-8.1	19.2	21.5	On
EW-4005	1.9	2.2	2,491	-11.2	---	21.5	On
EW-4006	1.6	6.7	2,167	-51.0	32.5	21.5	On
EW-4007	1.0	1.2	1,272	-2.4	36.2	21.5	On
EW-4008	2.9	3.2	3,793	-11.3	37.1	21.5	On
EW-4009	0.8	1.2	1,023	-19.0	33.7	21.5	On
EW-4010	2.2	2.6	2,916	1.7	47.3	21.5	On
EW-4011	2.1	2.2	2,668	-18.4	46.9	21.5	On
EW-5001	2.0	2.2	2,509	-22.5	---	21.5	On
EW-5002	0.0	0.0	0	7.4	0.9	0.0	Off
EW Totals	**159.3**		**181,312**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	180.6	166 GPM
FIT-500	190 GPM	181.3	201 GPM
Effluent Temp	94.9 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

January 20, 2016 12AM to January 21, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 20, 2016 12AM to January 21, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	937.8 µS
Outlet Conductivity	CIT-642	630.2 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	81.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 21, 2016 12AM to January 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.9	2,181	1.6	44.6	20.0	On
EW-2002	0.8	4.9	971	5.6	43.8	20.0	On
EW-2003	1.3	5.4	1,611	4.5	40.2	20.0	On
EW-2004	0.4	0.7	564	8.5	33.1	19.9	On
EW-2005	0.4	0.6	445	7.8	30.9	19.7	On
EW-2006	1.2	5.9	1,463	5.7	27.6	20.0	On
EW-2007	1.7	4.9	2,029	7.6	24.0	20.0	On
EW-2008	0.8	4.2	952	2.4	23.8	19.9	On
EW-2009	1.2	2.6	1,401	3.2	23.9	19.8	On
EW-2010	0.3	0.6	254	5.3	23.0	13.5	On
EW-2011	0.3	0.6	294	8.3	21.5	14.6	On
EW-2012	0.3	0.5	157	11.3	14.1	8.6	On
EW-2013	0.3	0.6	275	18.6	13.9	13.2	On
EW-2014	1.0	5.8	1,144	13.1	15.9	20.0	On
EW-2015	0.5	0.6	491	11.9	13.1	19.8	On
EW-2016	0.6	0.7	614	10.3	---	19.9	On
EW-2017	1.3	4.5	1,631	12.2	---	20.0	On
EW-2018	0.6	7.6	764	11.0	---	20.0	On
EW-2019	0.3	0.5	170	11.8	---	8.8	On
EW-2020	0.4	0.5	277	10.4	---	13.9	On
EW-2021	0.3	0.5	239	13.5	---	12.3	On
EW-2022	0.0	0.6	379	12.1	---	16.5	Off
EW-2023	0.0	0.7	382	11.8	---	14.4	Off
EW-2024	0.0	0.6	267	10.6	---	13.4	Off
EW-2025	0.8	7.4	1,024	10.8	---	19.9	On
EW-2026	0.6	7.5	842	9.5	---	20.0	On
EW-2027	0.7	7.5	956	9.4	---	20.0	On
EW-2028	0.7	7.5	917	8.9	---	20.0	On
EW-2029	0.9	7.5	1,101	7.4	---	20.0	On
EW-2030	1.4	7.4	1,722	9.8	---	20.0	On
EW-2031	1.5	7.7	1,812	10.9	---	20.0	On
EW-2032	0.4	7.2	606	9.0	---	20.0	On
EW-2033	2.4	3.8	556	9.1	---	11.9	On
EW-2034	0.6	4.3	758	8.0	22.3	20.0	On
EW-2035	0.0	0.7	0	19.5	0.1	0.0	Off
EW-2036	0.7	5.1	822	13.2	27.6	19.9	On
EW-2037	0.9	6.4	1,104	3.9	31.0	19.9	On
EW-2101	21.2	22.2	25,364	15.0	47.5	20.0	On
EW-2102	19.8	20.6	23,535	16.7	51.5	20.0	On
EW-2103	0.0	0.0	0	21.4	30.1	0.0	Off
EW-2104	40.0	44.8	49,110	13.7	51.0	19.9	On
EW-3001	0.0	0.6	20	1.5	14.1	1.0	Off
EW-3002	0.4	0.6	493	2.2	13.0	19.8	On
EW-3003	0.0	0.5	17	3.8	12.8	0.9	Off

Daily Log

January 21, 2016 12AM to January 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	24	1.3	---	1.6	Off
EW-3005	2.1	2.2	2,541	-3.1	---	19.8	On
EW-3006	0.0	0.6	13	0.4	---	0.7	Off
EW-3007	1.6	5.8	2,027	-3.6	---	19.8	On
EW-3008	0.4	0.6	395	-0.9	---	19.3	On
EW-3009	3.4	6.9	4,302	-2.0	---	19.8	On
EW-3010	1.0	6.1	1,300	-2.1	---	19.8	On
EW-3011	0.5	0.8	582	0.7	21.1	16.2	On
EW-3012	0.6	5.9	811	-6.1	24.0	19.8	On
EW-3013	1.1	5.4	1,313	-6.4	30.0	19.8	On
EW-3014	0.0	0.5	127	-4.1	34.1	7.0	Off
EW-3015	1.2	5.3	1,502	-6.1	38.4	19.8	On
EW-3016	0.9	2.8	1,060	-6.6	43.3	19.8	On
EW-3017	0.0	0.8	211	-5.1	45.9	10.3	Off
EW-3018	0.3	0.6	119	-9.6	45.8	6.4	On
EW-3019	0.9	3.8	1,185	-2.9	46.7	19.8	On
EW-3020	3.7	6.1	4,471	-2.2	44.0	19.8	On
EW-3021	0.4	0.5	384	-0.3	24.8	18.4	On
EW-3022	0.7	5.5	838	-2.5	32.2	19.8	On
EW-3023	1.5	5.5	1,948	0.7	22.4	19.8	On
EW-3024	0.4	0.7	446	0.8	---	19.1	On
EW-3025	2.1	2.7	2,452	-1.3	34.3	19.8	On
EW-3026	2.5	4.3	3,096	-2.9	34.8	19.8	On
EW-3027	0.0	0.6	51	-0.1	---	3.0	Off
EW-4001	3.0	3.5	3,476	-1.5	28.4	19.4	On
EW-4002	2.3	6.8	2,783	-47.2	14.8	19.4	On
EW-4003	2.0	8.7	2,310	-21.1	---	19.4	On
EW-4004	1.6	1.8	1,859	-9.1	16.7	19.4	On
EW-4005	2.1	2.2	2,328	-12.5	---	19.4	On
EW-4006	1.6	6.0	1,985	-51.1	29.4	19.4	On
EW-4007	1.1	1.2	1,183	-2.7	33.3	19.4	On
EW-4008	2.9	3.6	3,428	-10.8	31.3	19.4	On
EW-4009	0.8	1.0	931	-19.1	31.6	19.4	On
EW-4010	2.3	2.7	2,607	1.8	44.1	19.4	On
EW-4011	2.2	2.4	2,481	-19.4	43.5	19.4	On
EW-5001	2.0	2.2	2,308	-23.1	---	19.4	On
EW-5002	0.0	0.0	0	7.6	1.0	0.0	Off
EW Totals	**158.3**		**188,594**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	187.1	184 GPM
FIT-500	193 GPM	190.3	200 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

January 21, 2016 12AM to January 22, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 21, 2016 12AM to January 22, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	932.3 µS
Outlet Conductivity	CIT-642	658.6 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	80.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 22, 2016 12AM to January 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.1	2,609	1.6	44.4	24.0	On
EW-2002	0.8	3.5	1,130	5.6	43.7	24.0	On
EW-2003	1.3	4.4	1,870	4.6	40.2	24.0	On
EW-2004	0.4	0.7	676	8.5	33.3	23.9	On
EW-2005	0.4	0.6	548	7.1	31.2	23.9	On
EW-2006	1.1	4.6	1,718	5.9	28.0	24.0	On
EW-2007	1.6	4.6	2,391	7.6	24.4	23.9	On
EW-2008	0.8	3.0	1,115	2.6	24.3	24.0	On
EW-2009	1.2	2.5	1,682	3.4	24.5	23.9	On
EW-2010	0.3	0.7	284	5.9	23.5	15.5	On
EW-2011	0.3	0.7	334	8.8	22.0	17.1	On
EW-2012	0.0	0.4	166	11.2	14.8	9.4	Off
EW-2013	0.3	0.6	322	17.8	14.8	15.4	On
EW-2014	0.8	3.7	1,345	13.1	17.5	24.0	On
EW-2015	0.3	0.6	593	12.6	14.4	23.5	On
EW-2016	0.4	0.8	750	10.0	---	23.9	On
EW-2017	1.2	4.2	1,882	12.3	---	23.9	On
EW-2018	0.5	3.2	884	11.3	---	24.0	On
EW-2019	0.3	0.6	182	11.8	---	9.7	On
EW-2020	0.0	0.6	317	11.0	---	15.9	Off
EW-2021	0.0	0.5	272	12.8	---	14.1	Off
EW-2022	0.3	0.6	444	11.6	---	19.5	On
EW-2023	0.4	0.9	435	12.8	---	16.4	On
EW-2024	0.3	0.6	305	10.7	---	15.2	On
EW-2025	0.6	3.5	1,182	11.1	---	24.0	On
EW-2026	0.4	3.2	968	9.8	---	24.0	On
EW-2027	0.7	3.4	1,098	9.7	---	24.0	On
EW-2028	0.7	3.4	1,057	9.2	---	24.0	On
EW-2029	0.7	3.8	1,274	7.7	---	23.9	On
EW-2030	1.3	5.1	2,011	9.9	---	24.0	On
EW-2031	1.3	5.4	2,122	11.0	---	24.0	On
EW-2032	0.0	2.2	682	9.3	---	24.0	On
EW-2033	0.3	3.8	686	9.7	---	21.9	On
EW-2034	0.6	2.3	869	8.0	23.2	24.0	On
EW-2035	0.0	0.0	0	19.5	0.2	0.0	Off
EW-2036	0.6	2.6	958	13.1	30.2	24.0	On
EW-2037	0.8	3.9	1,272	3.9	33.9	24.0	On
EW-2101	21.3	24.6	26,356	14.9	50.6	23.9	On
EW-2102	20.6	24.2	25,445	16.6	54.7	23.9	On
EW-2103	0.0	0.0	0	14.7	34.3	0.0	Off
EW-2104	44.5	45.9	46,886	13.5	59.9	24.0	On
EW-3001	0.0	0.0	0	1.5	14.7	0.0	Off
EW-3002	0.3	0.6	606	2.0	13.6	23.9	On
EW-3003	0.0	0.0	0	3.8	13.6	0.0	Off

Daily Log

January 22, 2016 12AM to January 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.1	2.1	3,033	-3.1	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	5.2	2,268	-3.5	---	23.9	On
EW-3008	0.3	0.6	506	-0.9	---	23.6	On
EW-3009	3.3	6.7	4,718	-1.9	---	23.9	On
EW-3010	0.8	5.2	1,426	-1.9	---	23.9	On
EW-3011	0.0	0.9	635	1.0	22.1	18.1	On
EW-3012	0.5	5.0	915	-6.1	25.3	23.9	On
EW-3013	1.0	5.2	1,507	-6.4	31.7	23.9	On
EW-3014	0.0	0.5	130	-4.5	36.1	7.7	Off
EW-3015	1.2	5.6	1,731	-6.2	40.8	23.9	On
EW-3016	0.8	2.7	1,212	-6.4	45.9	23.9	On
EW-3017	0.0	0.9	229	-6.9	49.0	11.7	Off
EW-3018	0.0	0.9	123	-9.0	48.7	7.0	Off
EW-3019	0.9	3.4	1,375	-3.2	49.5	23.9	On
EW-3020	3.7	6.3	5,315	-2.1	44.0	23.9	On
EW-3021	0.3	0.7	447	-0.3	26.3	22.2	On
EW-3022	0.6	4.1	900	-2.4	33.0	23.9	On
EW-3023	1.5	5.3	2,182	0.7	23.5	23.9	On
EW-3024	0.3	0.6	515	0.9	---	22.0	On
EW-3025	2.0	2.7	2,870	-1.2	34.9	23.9	On
EW-3026	2.5	4.2	3,567	-2.8	35.5	23.9	On
EW-3027	0.0	0.5	3	-0.2	---	0.2	Off
EW-4001	3.1	3.5	4,273	-1.9	31.0	23.8	On
EW-4002	2.2	6.3	3,255	-46.8	15.1	23.8	On
EW-4003	1.9	7.4	2,852	-22.1	---	23.8	On
EW-4004	1.6	1.9	2,247	-9.6	17.5	23.8	On
EW-4005	2.0	2.2	2,885	-13.0	---	23.8	On
EW-4006	1.5	5.2	2,302	-51.1	30.4	23.8	On
EW-4007	1.0	1.2	1,445	-2.7	34.1	23.8	On
EW-4008	3.0	3.7	4,195	-12.0	35.5	23.8	On
EW-4009	0.7	1.2	1,155	-18.5	33.0	23.8	On
EW-4010	2.4	2.7	3,239	1.6	47.1	23.8	On
EW-4011	2.1	2.4	3,114	-19.6	46.5	23.8	On
EW-5001	2.0	2.2	2,837	-24.1	---	23.8	On
EW-5002	0.0	0.0	0	7.4	1.0	0.0	Off
EW Totals	**156.2**		**205,132**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	202.9	169 GPM
FIT-500	235 GPM	176.6	242 GPM
Effluent Temp	94.7 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

January 22, 2016 12AM to January 23, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	42 GPM	0.0
RC-7003	FIT-665	48 GPM	35.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 22, 2016 12AM to January 23, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	49.9
Permeate Flow	FIT-642	69 GPM	36.2
Concentrate Flow	FIT-643	25 GPM	13.0

Inlet Conductivity	CIT-630	1,010.1 µS
Outlet Conductivity	CIT-642	26.1 µS
Hours Run		8.5 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	94.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 23, 2016 12AM to January 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.6	2,595	1.5	44.9	24.0	On
EW-2002	0.7	1.7	1,111	5.6	44.2	24.0	On
EW-2003	1.3	1.8	1,870	4.7	40.8	24.0	On
EW-2004	0.5	0.6	643	6.9	33.9	24.0	On
EW-2005	0.3	0.5	552	7.7	31.7	23.9	On
EW-2006	1.1	1.4	1,705	5.8	28.3	24.0	On
EW-2007	1.6	1.8	2,370	7.6	24.8	24.0	On
EW-2008	0.8	0.9	1,110	2.6	24.6	24.0	On
EW-2009	1.2	1.2	1,690	3.4	24.6	24.0	On
EW-2010	0.3	0.4	287	6.4	23.9	15.9	On
EW-2011	0.3	0.6	334	9.2	22.4	17.4	On
EW-2012	0.0	1.0	163	11.5	14.6	9.3	Off
EW-2013	0.0	0.6	320	18.4	14.7	15.6	Off
EW-2014	0.8	1.3	1,347	13.1	17.7	24.0	On
EW-2015	0.0	0.6	574	13.7	14.5	22.6	Off
EW-2016	0.0	0.7	744	10.7	---	23.4	Off
EW-2017	1.3	1.5	1,926	12.3	---	24.0	On
EW-2018	0.6	1.2	881	11.3	---	24.0	On
EW-2019	0.0	0.5	180	12.8	---	9.7	Off
EW-2020	0.0	0.5	314	11.6	---	15.8	Off
EW-2021	0.3	0.5	267	13.0	---	14.1	On
EW-2022	0.3	0.6	439	11.5	---	20.0	On
EW-2023	0.4	0.8	428	12.1	---	16.4	On
EW-2024	0.3	0.5	303	10.8	---	16.7	On
EW-2025	0.7	1.3	1,171	11.2	---	24.0	On
EW-2026	0.7	1.2	955	9.8	---	24.0	On
EW-2027	0.7	1.3	1,097	9.7	---	24.0	On
EW-2028	0.7	1.3	1,053	9.2	---	24.0	On
EW-2029	0.9	1.4	1,269	7.7	---	24.0	On
EW-2030	1.2	1.8	2,001	10.0	---	24.0	On
EW-2031	1.3	1.9	2,107	11.1	---	24.0	On
EW-2032	0.5	1.0	682	9.3	---	24.0	On
EW-2033	0.3	1.0	694	9.7	---	24.0	On
EW-2034	0.5	0.8	860	8.1	23.4	24.0	On
EW-2035	0.0	0.0	0	19.5	0.1	0.0	Off
EW-2036	0.6	0.9	941	13.3	30.5	24.0	On
EW-2037	0.8	1.2	1,276	4.0	34.2	24.0	On
EW-2101	20.6	21.4	30,154	14.7	51.3	24.0	On
EW-2102	20.4	21.0	29,650	16.5	54.8	24.0	On
EW-2103	0.0	0.0	0	14.7	34.6	0.0	Off
EW-2104	44.4	44.8	64,070	13.1	60.1	24.0	On
EW-3001	0.0	0.0	0	1.5	14.6	0.0	Off
EW-3002	0.3	0.6	640	1.8	13.6	24.0	On
EW-3003	0.0	0.0	0	3.8	13.7	0.0	Off

Daily Log

January 23, 2016 12AM to January 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.0	2.1	2,923	-2.9	---	24.0	On
EW-3006	0.0	0.2	0	0.4	---	0.0	Off
EW-3007	1.5	1.8	2,248	-3.4	---	24.0	On
EW-3008	0.3	0.5	470	-0.8	---	22.2	On
EW-3009	3.2	3.3	4,687	-1.9	---	24.0	On
EW-3010	0.8	1.4	1,459	-1.9	---	24.0	On
EW-3011	0.0	0.8	544	0.9	22.3	15.8	Off
EW-3012	0.5	1.0	907	-5.9	25.4	24.0	On
EW-3013	0.9	1.3	1,495	-6.4	32.1	24.0	On
EW-3014	0.3	0.6	127	-3.1	36.4	7.6	On
EW-3015	1.1	1.5	1,722	-6.2	41.2	24.0	On
EW-3016	0.8	1.0	1,206	-6.4	46.3	24.0	On
EW-3017	0.0	1.0	225	-7.3	49.8	11.4	Off
EW-3018	0.0	0.6	122	-9.3	49.6	6.4	Off
EW-3019	0.9	1.1	1,365	-3.2	50.4	24.0	On
EW-3020	3.7	4.0	5,312	-2.1	44.4	24.0	On
EW-3021	0.3	0.5	453	-0.3	26.5	22.4	On
EW-3022	0.5	0.9	860	-2.3	33.0	24.0	On
EW-3023	1.5	1.8	2,206	0.7	23.7	24.0	On
EW-3024	0.3	1.0	490	1.5	---	21.8	On
EW-3025	2.0	2.1	2,892	-1.2	34.9	24.0	On
EW-3026	2.5	2.5	3,571	-2.9	35.7	24.0	On
EW-3027	0.0	0.7	0	-0.1	---	0.0	Off
EW-4001	3.1	3.4	4,440	-2.3	31.3	24.0	On
EW-4002	2.1	2.6	3,233	-46.9	14.9	24.0	On
EW-4003	2.0	2.3	2,919	-22.9	---	24.0	On
EW-4004	1.6	1.9	2,352	-10.3	17.8	24.0	On
EW-4005	2.0	2.4	2,952	-13.7	---	24.0	On
EW-4006	1.5	1.9	2,278	-51.0	30.5	24.0	On
EW-4007	1.0	1.2	1,441	-3.1	34.2	24.0	On
EW-4008	3.1	3.3	4,380	-13.1	35.8	24.0	On
EW-4009	0.8	1.1	1,184	-20.6	33.2	24.0	On
EW-4010	2.4	2.4	3,419	1.3	48.5	24.0	On
EW-4011	2.2	2.3	3,050	-21.3	47.8	24.0	On
EW-5001	2.0	2.4	2,917	-25.1	---	24.0	On
EW-5002	0.0	0.0	0	7.3	0.8	0.0	Off
EW Totals	**155.6**		**230,618**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	228.6	171 GPM
FIT-500	28 GPM	186.7	242 GPM
Effluent Temp	95.4 °F		
Effluent pH	5.8		

Recharge and Injection Daily Report

January 23, 2016 12AM to January 24, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	3 GPM	39.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 23, 2016 12AM to January 24, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	57.3
Permeate Flow	FIT-642	70 GPM	41.2
Concentrate Flow	FIT-643	25 GPM	15.1

Inlet Conductivity	CIT-630	1,037.3 µS
Outlet Conductivity	CIT-642	27.5 µS
Hours Run		9.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 24, 2016 12AM to January 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.1	2,571	1.8	43.9	23.8	On
EW-2002	0.7	4.9	1,108	5.7	43.4	23.8	On
EW-2003	1.2	4.9	1,820	4.8	40.0	23.8	On
EW-2004	0.4	0.7	709	8.3	33.3	23.7	On
EW-2005	0.3	0.6	533	8.6	31.3	23.5	On
EW-2006	1.0	5.9	1,672	6.0	28.0	23.8	On
EW-2007	1.6	5.0	2,348	7.8	24.8	23.8	On
EW-2008	0.8	3.8	1,097	2.6	25.1	23.8	On
EW-2009	1.2	2.7	1,671	3.4	25.2	23.8	On
EW-2010	0.0	0.7	284	6.7	24.7	15.6	On
EW-2011	0.3	0.7	333	9.4	23.3	17.1	On
EW-2012	0.0	0.4	168	11.9	15.3	9.6	Off
EW-2013	0.3	0.7	319	18.3	15.4	15.4	On
EW-2014	0.9	5.7	1,330	13.3	18.0	23.9	On
EW-2015	0.3	0.7	572	12.1	14.9	22.7	On
EW-2016	0.4	0.8	737	10.5	---	23.3	On
EW-2017	1.3	4.4	1,930	12.4	---	23.8	On
EW-2018	0.6	6.3	875	11.3	---	23.9	On
EW-2019	0.0	0.6	180	13.3	---	9.6	On
EW-2020	0.3	0.5	313	12.0	---	16.0	On
EW-2021	0.0	0.4	268	11.2	---	14.1	Off
EW-2022	0.3	0.7	432	11.7	---	18.6	On
EW-2023	0.4	0.8	426	12.7	---	16.3	On
EW-2024	0.3	0.7	299	10.1	---	14.4	On
EW-2025	0.8	6.7	1,157	11.2	---	23.8	On
EW-2026	0.6	6.8	940	9.8	---	23.9	On
EW-2027	0.7	7.3	1,088	9.7	---	23.9	On
EW-2028	0.7	7.1	1,041	9.2	---	23.9	On
EW-2029	0.9	7.4	1,260	7.7	---	23.8	On
EW-2030	1.3	7.4	1,982	10.1	---	23.9	On
EW-2031	1.4	7.7	2,073	11.2	---	23.9	On
EW-2032	0.5	5.3	669	9.3	---	23.9	On
EW-2033	0.5	3.8	666	9.7	---	20.3	On
EW-2034	0.6	4.2	852	8.3	24.1	23.9	On
EW-2035	0.0	0.0	0	19.5	0.1	0.0	Off
EW-2036	0.7	4.9	937	13.4	30.4	23.8	On
EW-2037	0.9	6.0	1,264	4.2	33.4	23.8	On
EW-2101	20.0	21.3	28,984	14.6	53.8	23.8	On
EW-2102	19.9	21.3	28,834	16.4	55.9	23.8	On
EW-2103	0.0	0.0	0	14.8	34.6	0.0	Off
EW-2104	44.7	45.9	61,676	13.7	60.1	23.2	On
EW-3001	0.0	0.0	0	1.5	15.2	0.0	Off
EW-3002	0.3	0.6	615	2.0	14.1	23.7	On
EW-3003	0.0	0.0	0	3.8	14.1	0.0	Off

Daily Log

January 24, 2016 12AM to January 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	2	1.3	---	0.1	Off
EW-3005	1.9	2.0	2,751	-2.7	---	23.7	On
EW-3006	0.0	0.1	0	0.4	---	0.0	Off
EW-3007	1.4	5.3	2,220	-3.3	---	23.7	On
EW-3008	0.2	0.8	476	-0.7	---	22.4	On
EW-3009	3.2	6.9	4,693	-1.9	---	23.7	On
EW-3010	0.9	6.0	1,422	-1.8	---	23.7	On
EW-3011	0.5	0.7	545	0.2	22.9	16.0	On
EW-3012	0.6	5.8	901	-5.8	26.1	23.7	On
EW-3013	1.0	5.3	1,484	-6.1	33.1	23.7	On
EW-3014	0.3	0.6	129	-3.8	37.4	7.6	On
EW-3015	1.2	5.1	1,710	-5.9	42.5	23.8	On
EW-3016	0.8	2.7	1,197	-6.3	47.8	23.7	On
EW-3017	0.3	1.0	220	-5.5	52.1	11.1	On
EW-3018	0.0	0.6	122	-9.5	51.9	6.3	Off
EW-3019	0.9	3.4	1,346	-2.8	52.7	23.7	On
EW-3020	3.6	6.3	5,260	-1.8	43.7	23.8	On
EW-3021	0.3	0.7	467	-0.2	26.8	22.9	On
EW-3022	0.6	5.4	841	-2.2	33.4	23.7	On
EW-3023	1.5	5.4	2,209	0.8	24.4	23.7	On
EW-3024	0.3	0.7	495	1.0	---	21.5	On
EW-3025	1.9	2.8	2,855	-0.9	35.3	23.7	On
EW-3026	2.4	4.2	3,541	-2.5	35.9	23.7	On
EW-3027	0.0	0.5	6	-0.1	---	0.4	Off
EW-4001	2.9	3.5	4,367	-1.9	31.1	23.4	On
EW-4002	2.2	6.8	3,189	-46.8	15.6	23.4	On
EW-4003	1.8	5.8	2,849	-22.5	---	23.4	On
EW-4004	1.5	1.9	2,304	-10.3	18.1	23.4	On
EW-4005	1.9	2.3	2,890	-13.4	---	23.4	On
EW-4006	1.6	5.9	2,248	-50.9	30.9	23.4	On
EW-4007	1.0	1.2	1,405	-2.8	34.5	23.4	On
EW-4008	2.8	3.7	4,322	-12.5	35.7	23.4	On
EW-4009	0.7	1.0	1,136	-20.0	34.1	23.4	On
EW-4010	2.0	2.6	3,308	1.5	44.2	23.4	On
EW-4011	2.0	2.5	3,107	-21.3	43.7	23.4	On
EW-5001	1.9	2.3	2,855	-24.7	---	23.4	On
EW-5002	0.0	0.0	0	7.1	0.7	0.0	Off
EW Totals	**155.2**		**224,908**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	223.4	183 GPM
FIT-500	192 GPM	199.8	243 GPM
Effluent Temp	96.6 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

January 24, 2016 12AM to January 24, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	3 GPM	33.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 24, 2016 12AM to January 24, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	49.3
Permeate Flow	FIT-642	0 GPM	35.4
Concentrate Flow	FIT-643	0 GPM	13.1

Inlet Conductivity	CIT-630	1,076.4 µS
Outlet Conductivity	CIT-642	74.4 µS
Hours Run		8.7 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	96.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 25, 2016 12AM to January 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.7	2,549	1.8	44.3	24.0	On
EW-2002	0.8	2.4	1,097	5.7	43.7	24.0	On
EW-2003	1.2	3.4	1,805	4.8	40.3	24.0	On
EW-2004	0.4	0.7	651	8.1	33.5	23.8	On
EW-2005	0.4	2.9	535	7.5	31.3	23.6	On
EW-2006	1.1	3.2	1,652	5.9	27.9	24.0	On
EW-2007	1.6	4.2	2,338	7.7	24.4	24.0	On
EW-2008	0.8	2.9	1,088	2.4	24.4	24.0	On
EW-2009	1.2	2.5	1,669	3.2	24.5	23.9	On
EW-2010	0.4	0.5	284	5.3	23.7	15.6	On
EW-2011	0.4	0.5	334	8.2	22.1	17.2	On
EW-2012	0.0	3.9	116	12.3	14.5	6.5	Off
EW-2013	0.0	0.6	318	18.0	14.5	15.2	Off
EW-2014	0.9	1.9	1,329	12.9	17.3	24.0	On
EW-2015	0.5	0.6	577	11.5	14.2	22.8	On
EW-2016	0.6	0.7	730	10.0	---	23.3	On
EW-2017	1.3	2.6	1,910	12.3	---	24.0	On
EW-2018	0.6	1.6	872	10.9	---	24.0	On
EW-2019	0.0	0.5	182	12.0	---	9.9	Off
EW-2020	0.3	0.5	313	11.7	---	15.7	On
EW-2021	0.3	0.5	262	12.2	---	13.9	On
EW-2022	0.4	0.6	431	11.9	---	19.5	On
EW-2023	0.0	0.7	427	10.7	---	16.2	Off
EW-2024	0.0	0.5	298	10.3	---	16.2	Off
EW-2025	0.8	2.0	1,157	10.8	---	24.0	On
EW-2026	0.6	1.6	934	9.4	---	24.0	On
EW-2027	0.8	1.9	1,086	9.3	---	24.0	On
EW-2028	0.7	1.8	1,039	8.8	---	24.0	On
EW-2029	0.9	2.5	1,260	7.3	---	24.0	On
EW-2030	1.4	2.7	1,988	9.7	---	24.0	On
EW-2031	1.4	2.7	2,064	10.8	---	24.0	On
EW-2032	0.5	0.9	677	8.9	---	24.0	On
EW-2033	0.5	3.7	683	9.4	---	24.0	On
EW-2034	0.6	1.7	853	7.9	23.6	24.0	On
EW-2035	0.0	0.0	0	19.5	0.0	0.0	Off
EW-2036	0.7	2.5	933	13.3	29.8	24.0	On
EW-2037	0.9	3.6	1,259	3.8	33.6	24.0	On
EW-2101	19.4	20.7	28,418	14.6	52.8	24.0	On
EW-2102	19.5	20.5	28,318	16.4	55.4	24.0	On
EW-2103	0.0	0.0	0	14.7	34.0	0.0	Off
EW-2104	44.5	45.4	60,879	12.9	59.3	22.9	On
EW-3001	0.0	0.0	0	1.5	14.4	0.0	Off
EW-3002	0.5	0.6	638	1.8	13.4	24.0	On
EW-3003	0.0	0.0	0	3.8	13.4	0.0	Off

Daily Log

January 25, 2016 12AM to January 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.2	3.5	2,836	-3.3	---	23.6	On
EW-3006	0.0	0.1	0	0.4	---	0.0	Off
EW-3007	1.5	5.0	2,216	-3.6	---	24.0	On
EW-3008	0.0	0.5	424	-0.7	---	21.1	Off
EW-3009	3.2	5.2	4,667	-1.9	---	24.0	On
EW-3010	1.0	3.4	1,386	-2.2	---	24.0	On
EW-3011	0.0	0.8	530	1.0	22.4	15.4	On
EW-3012	0.7	2.9	905	-6.2	25.6	24.0	On
EW-3013	1.1	4.8	1,491	-6.5	32.4	24.0	On
EW-3014	0.0	0.5	128	-3.5	36.6	7.6	Off
EW-3015	1.2	4.9	1,716	-6.3	41.9	24.0	On
EW-3016	0.9	2.6	1,199	-6.6	47.3	24.0	On
EW-3017	0.0	0.9	220	-5.7	51.3	11.2	Off
EW-3018	0.0	0.6	121	-8.9	50.9	6.3	Off
EW-3019	0.9	3.3	1,355	-3.2	51.8	24.0	On
EW-3020	3.6	5.9	5,251	-1.8	43.9	24.0	On
EW-3021	0.0	0.7	426	-0.2	25.9	21.0	Off
EW-3022	0.6	2.6	835	-2.4	32.5	24.0	On
EW-3023	1.5	4.6	2,207	0.7	23.9	24.0	On
EW-3024	0.0	0.6	501	1.7	---	22.0	Off
EW-3025	2.0	2.6	2,828	-1.2	34.5	24.0	On
EW-3026	2.4	4.3	3,539	-2.6	35.1	24.0	On
EW-3027	0.0	0.5	4	-0.2	---	0.2	Off
EW-4001	2.9	3.5	4,212	-1.9	30.5	23.9	On
EW-4002	2.3	6.2	3,216	-47.1	14.7	23.9	On
EW-4003	2.0	6.0	2,907	-22.0	---	23.9	On
EW-4004	1.6	1.8	2,338	-9.3	17.4	23.9	On
EW-4005	2.0	2.2	2,885	-12.4	---	23.9	On
EW-4006	1.6	4.9	2,248	-50.9	30.1	23.9	On
EW-4007	1.0	1.2	1,454	-3.0	33.7	23.9	On
EW-4008	3.0	3.7	4,245	-12.1	35.2	23.9	On
EW-4009	0.9	0.9	1,188	-20.7	33.7	23.9	On
EW-4010	2.4	2.7	3,084	1.2	46.6	23.9	On
EW-4011	2.0	2.4	2,986	-19.2	46.1	23.9	On
EW-5001	2.0	2.2	2,891	-24.1	---	23.9	On
EW-5002	0.0	0.0	0	7.1	0.9	0.0	Off
EW Totals	**154.9**		**222,393**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	220.4	166 GPM
FIT-500	186 GPM	195.8	240 GPM
Effluent Temp	95.6 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

January 25, 2016 12AM to January 26, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.1
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	22.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 25, 2016 12AM to January 26, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	32.6
Permeate Flow	FIT-642	0 GPM	23.5
Concentrate Flow	FIT-643	0 GPM	8.5

Inlet Conductivity	CIT-630	1,106.8 µS
Outlet Conductivity	CIT-642	125.3 µS
Hours Run		5.6 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 26, 2016 12AM to January 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,537	1.5	44.9	24.0	On
EW-2002	0.8	1.0	1,094	5.6	44.1	24.0	On
EW-2003	1.2	1.5	1,796	4.6	40.6	24.0	On
EW-2004	0.5	0.6	647	6.6	33.6	23.9	On
EW-2005	0.4	0.5	540	7.7	31.2	23.6	On
EW-2006	1.2	1.4	1,629	5.7	27.6	24.0	On
EW-2007	1.6	1.8	2,320	7.6	23.9	24.0	On
EW-2008	0.7	0.9	1,081	2.4	22.8	24.0	On
EW-2009	1.2	1.2	1,673	3.2	22.9	24.0	On
EW-2010	0.0	0.5	280	6.2	22.0	14.9	Off
EW-2011	0.0	0.5	331	9.2	20.5	16.5	Off
EW-2012	0.0	0.5	94	11.8	14.3	5.3	Off
EW-2013	0.4	0.6	314	17.5	14.4	14.6	On
EW-2014	0.9	1.1	1,316	13.1	17.0	24.0	On
EW-2015	0.5	0.6	569	11.8	13.7	22.6	On
EW-2016	0.5	0.7	735	10.2	---	23.3	On
EW-2017	1.3	1.5	1,861	12.1	---	24.0	On
EW-2018	0.6	1.2	867	11.0	---	24.0	On
EW-2019	0.0	0.5	178	11.5	---	9.3	Off
EW-2020	0.3	0.5	311	11.3	---	15.3	On
EW-2021	0.3	0.4	261	13.5	---	13.5	On
EW-2022	0.4	0.6	430	11.5	---	18.3	On
EW-2023	0.0	0.7	423	10.9	---	15.9	Off
EW-2024	0.3	0.6	294	10.9	---	13.8	On
EW-2025	0.8	1.3	1,148	10.8	---	24.0	On
EW-2026	0.7	1.2	928	9.4	---	24.0	On
EW-2027	0.8	1.3	1,079	9.3	---	24.0	On
EW-2028	0.7	1.3	1,033	8.8	---	24.0	On
EW-2029	0.9	1.3	1,253	7.4	---	24.0	On
EW-2030	1.4	1.8	1,976	9.7	---	24.0	On
EW-2031	1.4	1.8	2,040	10.8	---	24.0	On
EW-2032	0.5	1.0	672	8.9	---	24.0	On
EW-2033	0.5	0.9	679	9.4	---	24.0	On
EW-2034	0.6	1.2	847	8.0	24.1	24.0	On
EW-2035	0.0	0.0	0	19.4	0.1	0.0	Off
EW-2036	0.7	0.8	925	13.0	30.1	24.0	On
EW-2037	0.9	1.1	1,244	4.0	33.5	24.0	On
EW-2101	19.1	23.8	25,802	14.7	53.0	22.3	On
EW-2102	18.9	24.0	27,684	16.3	54.8	23.9	On
EW-2103	0.0	0.0	0	14.7	33.9	0.0	Off
EW-2104	44.3	44.6	63,710	12.7	59.6	24.0	On
EW-3001	0.0	0.0	0	1.5	14.1	0.0	Off
EW-3002	0.5	0.5	637	1.8	13.1	24.0	On
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

January 26, 2016 12AM to January 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.3	2.3	3,200	-3.4	---	24.0	On
EW-3006	0.0	0.1	0	0.4	---	0.0	Off
EW-3007	1.5	1.7	2,169	-3.7	---	24.0	On
EW-3008	0.4	0.5	446	-1.0	---	22.4	On
EW-3009	3.2	3.3	4,441	-1.9	---	24.0	On
EW-3010	0.9	1.2	1,314	-2.2	---	24.0	On
EW-3011	0.6	0.9	507	-0.1	22.8	15.0	On
EW-3012	0.6	5.9	882	-6.1	26.1	23.0	On
EW-3013	1.1	5.5	1,456	-6.1	32.7	23.0	On
EW-3014	0.3	0.8	131	-4.2	36.8	7.6	On
EW-3015	1.2	5.4	1,668	-5.9	42.0	23.0	On
EW-3016	0.8	2.9	1,168	-6.3	47.3	23.0	On
EW-3017	0.4	1.0	210	-7.1	51.6	10.5	On
EW-3018	0.0	1.0	122	-9.8	51.2	6.4	Off
EW-3019	1.0	4.2	1,313	-2.9	52.2	23.0	On
EW-3020	3.7	3.8	5,236	-2.2	44.4	24.0	On
EW-3021	0.4	0.5	393	-0.4	26.0	19.4	On
EW-3022	0.6	0.7	823	-2.4	32.6	24.0	On
EW-3023	1.5	2.5	2,231	0.5	24.3	24.0	On
EW-3024	0.4	0.6	502	0.9	---	21.8	On
EW-3025	2.0	2.1	2,833	-1.3	34.5	24.0	On
EW-3026	2.5	2.5	3,509	-2.9	35.0	24.0	On
EW-3027	0.0	0.0	0	-0.2	---	0.0	Off
EW-4001	3.1	3.2	4,364	-2.3	30.8	24.0	On
EW-4002	2.2	2.5	3,201	-47.2	14.5	24.0	On
EW-4003	2.1	2.2	2,946	-23.7	---	24.0	On
EW-4004	1.7	1.8	2,318	-10.7	16.9	24.0	On
EW-4005	2.1	2.2	2,904	-14.2	---	24.0	On
EW-4006	1.5	1.7	2,230	-50.9	30.1	24.0	On
EW-4007	1.0	1.1	1,448	-3.3	33.8	24.0	On
EW-4008	3.1	3.2	4,350	-13.2	35.2	24.0	On
EW-4009	0.8	1.3	1,189	-20.8	33.9	24.0	On
EW-4010	2.4	2.4	3,362	1.3	46.7	24.0	On
EW-4011	2.1	2.2	3,007	-20.4	46.2	24.0	On
EW-5001	2.1	2.2	2,914	-25.7	---	24.0	On
EW-5002	0.0	0.0	0	7.1	0.7	0.0	Off
EW Totals	**157.1**		**222,028**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	220.1	169 GPM
FIT-500	0 GPM	224.7	230 GPM
Effluent Temp	96.6 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

January 26, 2016 12AM to January 27, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	2.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 26, 2016 12AM to January 27, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	7.0
Permeate Flow	FIT-642	0 GPM	5.0
Concentrate Flow	FIT-643	0 GPM	1.9

Inlet Conductivity	CIT-630	1,024.9 µS
Outlet Conductivity	CIT-642	117.5 µS
Hours Run		1.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	93.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 27, 2016 12AM to January 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.1	2,297	1.6	45.0	21.3	On
EW-2002	0.8	4.9	1,001	5.7	44.3	21.3	On
EW-2003	1.3	4.8	1,631	4.7	40.7	21.3	On
EW-2004	0.5	0.7	593	6.9	33.5	21.1	On
EW-2005	0.4	0.7	478	7.5	31.4	20.9	On
EW-2006	1.1	5.8	1,483	5.9	27.9	21.3	On
EW-2007	1.6	4.9	2,080	7.7	24.1	21.3	On
EW-2008	0.9	4.4	1,076	2.4	24.4	21.8	On
EW-2009	1.2	2.8	1,552	3.2	24.4	21.7	On
EW-2010	0.3	0.8	279	5.3	23.5	15.1	On
EW-2011	0.4	0.6	318	8.3	22.0	16.0	On
EW-2012	0.0	0.5	94	12.2	14.3	5.5	Off
EW-2013	0.3	0.7	290	18.8	14.3	14.2	On
EW-2014	1.0	5.8	1,180	12.9	17.1	21.3	On
EW-2015	0.5	0.8	493	12.0	13.7	20.6	On
EW-2016	0.6	1.3	626	10.4	---	20.8	On
EW-2017	1.3	4.5	1,666	12.3	---	21.3	On
EW-2018	0.6	7.6	785	10.9	---	21.3	On
EW-2019	0.0	0.6	164	13.1	---	8.8	Off
EW-2020	0.4	0.6	284	10.7	---	14.2	On
EW-2021	0.3	0.5	240	13.4	---	12.5	On
EW-2022	0.0	0.7	389	12.8	---	18.0	Off
EW-2023	0.5	0.8	383	11.3	---	14.4	On
EW-2024	0.3	0.8	273	11.0	---	14.8	On
EW-2025	0.8	7.4	1,046	10.8	---	21.3	On
EW-2026	0.7	7.5	848	9.4	---	21.3	On
EW-2027	0.8	7.6	983	9.4	---	21.3	On
EW-2028	0.7	7.4	945	8.8	---	21.3	On
EW-2029	0.9	7.5	1,141	7.4	---	21.3	On
EW-2030	1.4	7.4	1,789	9.8	---	21.3	On
EW-2031	1.5	7.7	1,856	10.9	---	21.3	On
EW-2032	0.5	7.2	615	8.9	---	21.3	On
EW-2033	0.4	4.0	609	9.4	---	19.6	On
EW-2034	0.6	4.2	782	8.3	24.5	21.3	On
EW-2035	0.0	0.0	0	19.5	0.0	0.0	Off
EW-2036	0.7	5.2	860	13.3	30.2	21.3	On
EW-2037	0.9	6.6	1,160	4.0	33.4	21.3	On
EW-2101	18.5	19.7	23,894	14.8	53.6	21.3	On
EW-2102	18.3	19.4	23,638	16.4	55.4	21.3	On
EW-2103	0.0	0.0	0	14.7	34.1	0.0	Off
EW-2104	44.4	44.8	52,839	13.0	59.3	20.4	On
EW-3001	0.0	0.6	9	1.5	14.1	0.4	Off
EW-3002	0.5	0.6	550	1.9	13.0	21.2	On
EW-3003	0.0	0.7	9	3.8	13.0	0.4	Off

Daily Log

January 27, 2016 12AM to January 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.7	12	1.3	---	0.9	Off
EW-3005	2.3	2.4	2,836	-3.1	---	21.2	On
EW-3006	0.0	0.9	7	0.4	---	0.4	Off
EW-3007	1.6	5.7	2,063	-3.6	---	21.2	On
EW-3008	0.4	0.9	379	-0.9	---	20.0	On
EW-3009	3.3	7.0	4,366	-1.9	---	21.2	On
EW-3010	1.0	5.9	1,307	-2.2	---	21.2	On
EW-3011	0.6	0.9	558	0.0	23.4	15.9	On
EW-3012	0.7	5.6	838	-6.0	27.2	21.2	On
EW-3013	1.1	5.2	1,375	-6.2	34.3	21.2	On
EW-3014	0.0	0.6	136	-4.5	38.2	7.8	Off
EW-3015	1.2	5.0	1,566	-6.0	43.3	21.2	On
EW-3016	0.8	2.6	1,090	-6.4	48.3	21.2	On
EW-3017	0.0	0.8	200	-6.9	52.6	10.1	Off
EW-3018	0.4	0.6	117	-9.6	52.2	6.2	On
EW-3019	0.9	3.3	1,218	-2.9	53.2	21.2	On
EW-3020	3.7	5.7	4,704	-2.1	44.5	21.2	On
EW-3021	0.4	0.7	400	-0.2	26.2	19.3	On
EW-3022	0.6	5.6	834	-2.3	33.3	21.2	On
EW-3023	1.6	5.4	2,022	0.4	25.0	21.2	On
EW-3024	0.4	0.8	445	0.8	---	20.3	On
EW-3025	2.0	2.4	2,595	-1.2	35.2	21.2	On
EW-3026	2.5	3.8	3,226	-2.8	35.7	21.2	On
EW-3027	0.0	0.7	40	-0.1	---	2.5	Off
EW-4001	3.2	3.6	3,877	-2.0	31.0	21.2	On
EW-4002	2.2	6.7	2,917	-46.9	14.7	21.2	On
EW-4003	2.1	8.9	2,588	-22.5	---	21.2	On
EW-4004	1.7	1.9	2,092	-9.9	16.9	21.2	On
EW-4005	2.1	2.3	2,595	-13.3	---	21.2	On
EW-4006	1.6	5.6	2,076	-51.1	30.6	21.2	On
EW-4007	1.0	1.3	1,312	-2.8	34.3	21.2	On
EW-4008	3.1	4.0	3,862	-12.9	35.2	21.2	On
EW-4009	0.8	1.0	1,028	-19.9	35.6	21.2	On
EW-4010	2.2	2.7	2,824	1.9	45.5	21.2	On
EW-4011	2.1	2.5	2,679	-19.6	45.1	21.2	On
EW-5001	2.1	2.3	2,589	-24.9	---	21.2	On
EW-5002	0.0	0.0	0	7.4	0.7	0.0	Off
EW Totals	**157.2**		**196,001**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	194.1	174 GPM
FIT-500	0 GPM	192.3	200 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

January 27, 2016 12AM to January 27, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 27, 2016 12AM to January 27, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,025.2 µS
Outlet Conductivity	CIT-642	246.5 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	89.3 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 28, 2016 12AM to January 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.4	2,624	1.5	45.5	24.0	On
EW-2002	0.8	2.1	1,133	5.5	44.7	24.0	On
EW-2003	1.3	2.2	1,841	4.8	41.0	24.0	On
EW-2004	0.5	0.7	702	7.2	33.6	23.9	On
EW-2005	0.4	0.6	535	7.9	31.3	23.6	On
EW-2006	1.1	1.6	1,671	5.9	27.9	24.0	On
EW-2007	1.7	1.9	2,365	7.7	24.1	24.0	On
EW-2008	0.8	1.0	1,199	2.6	24.3	24.0	On
EW-2009	1.2	1.3	1,726	3.4	24.4	24.0	On
EW-2010	0.4	0.5	303	5.8	23.4	16.2	On
EW-2011	0.4	0.5	345	8.7	21.9	17.4	On
EW-2012	0.0	0.6	97	11.5	14.0	5.5	Off
EW-2013	0.0	0.6	316	18.7	14.0	14.7	Off
EW-2014	1.0	1.7	1,329	13.3	17.0	24.0	On
EW-2015	0.5	0.6	596	11.9	13.7	23.3	On
EW-2016	0.6	0.8	748	11.4	---	23.8	On
EW-2017	1.4	1.5	1,898	12.3	---	24.0	On
EW-2018	0.9	1.3	872	11.2	---	24.0	On
EW-2019	0.4	0.5	181	12.0	---	9.6	On
EW-2020	0.4	0.5	313	10.3	---	15.5	On
EW-2021	0.3	0.5	269	12.8	---	14.1	On
EW-2022	0.0	0.6	436	12.7	---	19.2	Off
EW-2023	0.6	0.7	430	12.7	---	15.8	On
EW-2024	0.0	0.6	301	10.6	---	15.1	Off
EW-2025	1.1	1.4	1,182	11.1	---	24.0	On
EW-2026	0.9	1.3	952	9.7	---	24.0	On
EW-2027	1.0	1.4	1,109	9.6	---	24.0	On
EW-2028	1.0	1.3	1,071	9.1	---	24.0	On
EW-2029	1.1	1.4	1,286	7.7	---	24.0	On
EW-2030	1.4	1.8	2,049	10.1	---	24.0	On
EW-2031	1.6	1.9	2,135	11.2	---	24.0	On
EW-2032	0.8	1.1	683	9.2	---	24.0	On
EW-2033	0.7	1.1	690	9.7	---	24.0	On
EW-2034	0.6	1.0	885	8.2	24.5	24.0	On
EW-2035	0.0	3.0	8	19.6	-3.1	0.1	Off
EW-2036	0.7	1.9	987	13.4	30.1	24.0	On
EW-2037	0.9	2.2	1,321	4.2	33.8	24.0	On
EW-2101	17.7	18.7	25,842	14.8	55.3	24.0	On
EW-2102	17.4	18.9	25,273	16.4	56.4	24.0	On
EW-2103	0.0	0.0	0	14.7	33.9	0.0	Off
EW-2104	44.0	45.3	62,239	12.7	59.7	24.0	On
EW-3001	0.0	0.0	0	1.5	13.9	0.0	Off
EW-3002	0.5	0.5	614	1.9	12.8	23.5	On
EW-3003	0.0	0.0	0	3.8	12.9	0.0	Off

Daily Log

January 28, 2016 12AM to January 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	3	1.3	---	0.3	Off
EW-3005	2.3	2.3	3,131	-2.9	---	23.5	On
EW-3006	0.0	0.4	1	0.4	---	0.1	Off
EW-3007	1.5	5.4	2,210	-3.3	---	23.5	On
EW-3008	0.4	0.5	452	-0.4	---	22.4	On
EW-3009	3.2	7.0	4,651	-1.8	---	23.5	On
EW-3010	1.1	6.1	1,416	-1.9	---	23.5	On
EW-3011	0.7	0.8	542	0.4	23.4	15.5	On
EW-3012	0.7	5.9	910	-5.8	27.5	23.5	On
EW-3013	1.0	5.4	1,492	-6.1	35.2	23.5	On
EW-3014	0.0	0.8	132	-3.1	39.7	7.7	Off
EW-3015	1.1	5.4	1,707	-5.9	44.8	23.5	On
EW-3016	0.8	2.8	1,187	-6.6	50.1	23.5	On
EW-3017	0.3	0.8	206	-5.1	55.1	10.4	On
EW-3018	0.0	1.1	121	-9.6	54.4	6.3	Off
EW-3019	0.9	3.7	1,338	-3.0	55.1	23.5	On
EW-3020	3.7	6.3	5,208	-2.1	45.0	23.5	On
EW-3021	0.4	0.7	431	-0.1	26.1	20.8	On
EW-3022	0.6	5.7	882	-2.2	32.7	23.5	On
EW-3023	1.6	5.5	2,199	0.8	25.1	23.5	On
EW-3024	0.5	0.6	499	1.2	---	21.7	On
EW-3025	2.0	2.6	2,837	-1.2	34.9	23.5	On
EW-3026	2.5	4.0	3,509	-2.8	35.4	23.5	On
EW-3027	0.0	0.5	10	0.0	---	0.6	Off
EW-4001	3.1	3.5	4,284	-1.9	30.9	23.4	On
EW-4002	2.2	6.7	3,197	-46.9	14.4	23.4	On
EW-4003	2.1	7.9	2,872	-22.8	---	23.4	On
EW-4004	1.7	1.8	2,306	-10.1	16.8	23.4	On
EW-4005	2.1	2.2	2,879	-13.6	---	23.4	On
EW-4006	1.6	5.5	2,279	-50.9	30.3	23.4	On
EW-4007	1.0	1.2	1,431	-3.0	34.0	23.4	On
EW-4008	3.1	3.7	4,262	-12.8	35.1	23.4	On
EW-4009	0.8	1.2	1,146	-20.5	36.2	23.4	On
EW-4010	2.4	2.7	3,205	1.6	46.9	23.4	On
EW-4011	2.1	2.4	2,946	-18.5	46.2	23.4	On
EW-5001	2.1	2.2	2,870	-25.1	---	23.4	On
EW-5002	0.0	3.1	9	7.3	-4.5	0.2	Off
EW Totals	**157.6**		**219,315**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	216.6	182 GPM
FIT-500	185 GPM	227.7	199 GPM
Effluent Temp	96.1 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

January 28, 2016 12AM to January 29, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 28, 2016 12AM to January 29, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,026.3 µS
Outlet Conductivity	CIT-642	340.6 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	86.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 29, 2016 12AM to January 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.5	2,643	1.7	47.3	24.0	On
EW-2002	0.8	1.8	1,148	5.6	46.4	24.0	On
EW-2003	1.3	1.7	1,861	4.8	42.8	24.0	On
EW-2004	0.4	0.6	653	8.3	35.5	23.9	On
EW-2005	0.3	2.8	554	7.3	33.3	23.6	On
EW-2006	1.1	1.5	1,685	5.9	29.9	24.0	On
EW-2007	1.6	2.0	2,427	7.6	26.3	24.0	On
EW-2008	0.8	0.9	1,163	2.6	26.1	24.0	On
EW-2009	1.2	1.3	1,725	3.4	26.2	24.0	On
EW-2010	0.3	0.5	303	5.8	25.3	16.5	On
EW-2011	0.3	0.5	345	8.8	23.8	17.7	On
EW-2012	0.0	0.5	92	13.1	17.0	5.3	Off
EW-2013	0.3	0.6	322	18.6	17.3	15.4	On
EW-2014	0.7	1.3	1,341	13.3	19.6	24.0	On
EW-2015	0.3	0.6	582	12.2	16.5	23.2	On
EW-2016	0.4	0.7	730	10.9	---	23.6	On
EW-2017	1.3	1.6	1,989	12.2	---	24.0	On
EW-2018	0.6	1.5	879	11.3	---	24.0	On
EW-2019	0.3	0.4	182	13.1	---	9.9	On
EW-2020	0.3	0.5	317	11.7	---	15.8	On
EW-2021	0.3	0.5	274	10.9	---	14.5	On
EW-2022	0.3	0.6	447	11.5	---	20.6	On
EW-2023	0.4	0.7	437	12.3	---	16.1	On
EW-2024	0.0	0.6	304	10.2	---	16.9	Off
EW-2025	0.9	1.5	1,194	11.2	---	24.0	On
EW-2026	0.7	1.4	961	9.8	---	24.0	On
EW-2027	0.7	1.5	1,123	9.7	---	24.0	On
EW-2028	0.8	1.5	1,084	9.2	---	24.0	On
EW-2029	0.9	1.5	1,296	7.7	---	24.0	On
EW-2030	1.1	2.0	2,078	10.1	---	24.0	On
EW-2031	1.2	2.0	2,176	11.2	---	24.0	On
EW-2032	0.5	1.2	699	9.3	---	24.0	On
EW-2033	0.5	1.1	697	9.7	---	24.0	On
EW-2034	0.5	1.2	894	8.2	26.4	24.0	On
EW-2035	0.0	0.0	0	19.7	-3.1	0.0	Off
EW-2036	0.6	1.0	1,016	13.2	32.1	24.0	On
EW-2037	0.7	1.3	1,330	4.1	35.3	24.0	On
EW-2101	17.6	21.3	24,886	14.9	56.2	23.5	On
EW-2102	17.4	18.6	24,743	16.5	58.0	23.5	On
EW-2103	0.0	0.0	0	14.7	36.0	0.0	Off
EW-2104	43.8	44.4	63,297	12.6	61.3	24.0	On
EW-3001	0.0	0.0	0	1.5	16.9	0.0	Off
EW-3002	0.3	0.5	635	2.0	15.9	24.0	On
EW-3003	0.0	0.0	0	3.8	15.9	0.0	Off

Daily Log

January 29, 2016 12AM to January 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.1	2.3	3,193	-2.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.4	1.9	2,214	-3.4	---	24.0	On
EW-3008	0.3	0.6	428	-0.7	---	22.3	On
EW-3009	3.0	3.4	4,578	-1.7	---	24.0	On
EW-3010	0.8	1.5	1,435	-1.8	---	24.0	On
EW-3011	0.5	0.8	556	0.4	25.4	16.0	On
EW-3012	0.4	1.6	914	-5.9	29.4	24.0	On
EW-3013	0.9	2.2	1,491	-6.3	37.4	24.0	On
EW-3014	0.3	0.5	127	-3.1	41.8	7.6	On
EW-3015	1.1	5.5	1,716	-6.2	46.6	23.9	On
EW-3016	0.8	2.5	1,194	-6.6	51.4	24.0	On
EW-3017	0.0	0.8	210	-6.5	54.7	10.7	Off
EW-3018	0.0	0.7	119	-8.8	54.4	6.2	Off
EW-3019	0.9	3.8	1,356	-3.1	55.4	23.6	On
EW-3020	3.7	4.0	5,278	-1.8	46.6	24.0	On
EW-3021	0.3	0.5	437	-0.3	28.0	21.3	On
EW-3022	0.5	1.0	859	-2.5	33.9	24.0	On
EW-3023	1.4	2.6	2,212	0.8	27.0	24.0	On
EW-3024	0.3	0.7	500	1.1	---	22.6	On
EW-3025	1.9	2.1	2,872	-1.0	36.0	24.0	On
EW-3026	2.4	2.5	3,511	-2.6	36.6	24.0	On
EW-3027	0.0	0.0	0	0.0	---	0.0	Off
EW-4001	3.0	3.2	4,450	-1.8	32.8	24.0	On
EW-4002	2.3	2.6	3,204	-46.8	17.5	24.0	On
EW-4003	1.8	2.2	2,948	-22.4	---	24.0	On
EW-4004	1.4	1.9	2,376	-9.8	19.3	24.0	On
EW-4005	1.8	2.2	2,970	-12.6	---	24.0	On
EW-4006	1.5	1.8	2,270	-51.0	31.7	24.0	On
EW-4007	0.9	1.1	1,452	-2.7	35.2	24.0	On
EW-4008	2.9	3.2	4,387	-12.4	37.2	24.0	On
EW-4009	0.7	1.3	1,183	-20.9	38.5	24.0	On
EW-4010	2.2	2.4	3,319	1.8	47.2	24.0	On
EW-4011	2.1	2.2	3,026	-19.4	46.8	24.0	On
EW-5001	1.8	2.2	2,955	-24.7	---	24.0	On
EW-5002	0.0	0.0	0	7.3	-0.7	0.0	Off
EW Totals	**148.6**		**220,254**				

	Value	Total (KGal)	Peak Flow
FIT-100	146 GPM	217.7	166 GPM
FIT-500	193 GPM	222.8	200 GPM
Effluent Temp	95.7 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

January 29, 2016 12AM to January 30, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 29, 2016 12AM to January 30, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,027.2 µS
Outlet Conductivity	CIT-642	414.4 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	84.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 30, 2016 12AM to January 31, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.0	2,646	1.7	47.1	24.0	On
EW-2002	0.8	1.0	1,157	5.4	46.2	24.0	On
EW-2003	1.3	1.4	1,878	4.8	42.5	24.0	On
EW-2004	0.4	0.6	647	8.4	35.2	23.9	On
EW-2005	0.3	0.5	552	7.3	33.0	23.8	On
EW-2006	1.1	1.5	1,690	5.7	29.5	24.0	On
EW-2007	1.6	1.9	2,464	7.7	25.8	24.0	On
EW-2008	0.7	0.9	1,141	2.6	25.3	24.0	On
EW-2009	1.1	1.3	1,709	3.4	25.4	24.0	On
EW-2010	0.3	0.5	296	6.6	24.6	15.9	On
EW-2011	0.3	0.5	346	9.3	23.1	17.3	On
EW-2012	0.0	0.4	92	12.6	16.2	5.3	Off
EW-2013	0.0	0.6	328	18.6	16.2	15.2	Off
EW-2014	0.8	1.2	1,352	13.2	19.2	24.0	On
EW-2015	0.3	0.6	592	13.2	16.1	23.2	On
EW-2016	0.4	0.7	756	10.3	---	23.8	On
EW-2017	1.3	1.7	1,991	12.3	---	24.0	On
EW-2018	0.6	1.2	886	11.3	---	24.0	On
EW-2019	0.0	0.4	186	12.0	---	9.9	Off
EW-2020	0.0	0.5	322	11.5	---	15.9	Off
EW-2021	0.3	0.4	272	12.5	---	14.3	On
EW-2022	0.3	0.6	448	11.7	---	19.3	On
EW-2023	0.4	0.7	444	10.8	---	16.2	On
EW-2024	0.0	0.5	303	11.0	---	15.0	On
EW-2025	0.9	1.3	1,199	11.2	---	24.0	On
EW-2026	0.7	1.2	962	9.8	---	24.0	On
EW-2027	0.8	1.2	1,126	9.7	---	24.0	On
EW-2028	0.8	1.2	1,085	9.2	---	24.0	On
EW-2029	0.9	1.4	1,300	7.7	---	24.0	On
EW-2030	1.2	1.8	2,084	10.0	---	24.0	On
EW-2031	1.2	1.8	2,171	11.1	---	24.0	On
EW-2032	0.5	1.0	700	9.3	---	24.0	On
EW-2033	0.5	1.1	703	9.7	---	24.0	On
EW-2034	0.5	0.9	894	8.0	26.2	24.0	On
EW-2035	0.0	0.0	0	19.7	-3.0	0.0	Off
EW-2036	0.6	0.9	1,020	13.4	31.7	24.0	On
EW-2037	0.7	1.1	1,317	4.0	34.9	24.0	On
EW-2101	17.1	17.8	24,931	14.9	57.8	24.0	On
EW-2102	16.4	17.5	24,290	16.5	58.6	24.0	On
EW-2103	0.0	0.0	0	14.8	35.5	0.0	Off
EW-2104	43.6	44.3	63,162	12.6	60.8	24.0	On
EW-3001	0.0	0.0	0	1.5	16.1	0.0	Off
EW-3002	0.3	0.6	638	2.0	15.1	24.0	On
EW-3003	0.0	0.0	0	3.8	15.2	0.0	Off

Daily Log

January 30, 2016 12AM to January 31, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.1	2.3	3,169	-2.9	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.4	1.7	2,196	-3.4	---	24.0	On
EW-3008	0.2	0.6	459	-0.7	---	22.8	On
EW-3009	3.0	3.4	4,552	-1.8	---	24.0	On
EW-3010	0.6	1.3	1,403	-1.8	---	24.0	On
EW-3011	0.0	0.8	583	0.7	25.1	16.7	Off
EW-3012	0.4	0.9	915	-6.0	29.7	24.0	On
EW-3013	0.9	1.4	1,491	-6.3	38.3	24.0	On
EW-3014	0.0	0.4	127	-3.3	42.9	7.6	Off
EW-3015	1.1	1.6	1,713	-6.1	47.7	24.0	On
EW-3016	0.8	1.1	1,194	-6.4	52.5	24.0	On
EW-3017	0.3	0.9	208	-6.8	56.5	10.6	On
EW-3018	0.4	0.7	122	-9.7	56.3	6.3	On
EW-3019	0.9	1.2	1,355	-2.8	57.1	24.0	On
EW-3020	3.7	3.8	5,289	-1.8	46.4	24.0	On
EW-3021	0.3	0.5	480	-0.2	27.6	22.6	On
EW-3022	0.5	1.0	850	-2.5	33.7	24.0	On
EW-3023	1.4	1.9	2,215	0.6	26.9	24.0	On
EW-3024	0.3	0.7	511	1.0	---	22.3	On
EW-3025	2.0	2.1	2,873	-1.0	35.7	24.0	On
EW-3026	2.4	2.5	3,492	-2.7	36.3	24.0	On
EW-3027	0.0	0.0	0	-0.1	---	0.0	Off
EW-4001	3.0	3.2	4,468	-1.8	32.5	24.0	On
EW-4002	2.0	2.5	3,193	-47.0	16.6	24.0	On
EW-4003	1.8	2.3	2,978	-22.5	---	24.0	On
EW-4004	1.4	1.9	2,387	-9.8	18.7	24.0	On
EW-4005	1.9	2.3	2,978	-13.0	---	24.0	On
EW-4006	1.5	1.8	2,242	-51.1	31.4	24.0	On
EW-4007	1.0	1.1	1,449	-2.9	35.0	24.0	On
EW-4008	2.9	3.2	4,375	-12.6	36.9	24.0	On
EW-4009	0.7	0.9	1,179	-20.7	39.3	24.0	On
EW-4010	2.2	2.3	3,193	1.8	46.8	24.0	On
EW-4011	2.1	2.2	3,057	-20.1	46.2	24.0	On
EW-5001	1.8	2.3	2,976	-24.9	---	24.0	On
EW-5002	0.0	0.0	0	7.2	0.0	0.0	Off
EW Totals	**145.8**		**219,754**				

	Value	Total (KGal)	Peak Flow
FIT-100	144 GPM	217.5	164 GPM
FIT-500	189 GPM	220.1	199 GPM
Effluent Temp	96.3 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

January 30, 2016 12AM to January 31, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 30, 2016 12AM to January 31, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,028.9 µS
Outlet Conductivity	CIT-642	470.8 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	82.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

January 31, 2016 12AM to February 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,644	1.7	47.0	24.0	On
EW-2002	0.8	1.0	1,161	5.6	46.1	24.0	On
EW-2003	1.3	1.4	1,885	4.8	42.4	24.0	On
EW-2004	0.5	0.6	716	7.6	34.9	24.0	On
EW-2005	0.4	0.5	563	7.8	32.7	23.8	On
EW-2006	1.2	1.4	1,674	5.9	28.9	24.0	On
EW-2007	1.8	1.9	2,484	7.7	24.9	24.0	On
EW-2008	0.8	0.9	1,133	2.5	24.8	24.0	On
EW-2009	1.2	1.2	1,702	3.3	25.0	24.0	On
EW-2010	0.4	0.5	296	5.2	24.0	16.1	On
EW-2011	0.4	0.5	348	8.5	22.5	17.6	On
EW-2012	0.0	0.4	95	11.1	14.7	5.5	Off
EW-2013	0.0	0.6	328	18.9	14.7	15.4	Off
EW-2014	1.0	1.3	1,362	12.9	17.7	24.0	On
EW-2015	0.5	0.6	598	11.8	14.4	23.3	On
EW-2016	0.6	0.7	756	10.3	---	23.7	On
EW-2017	1.4	1.6	1,961	12.2	---	24.0	On
EW-2018	0.6	1.3	892	10.9	---	24.0	On
EW-2019	0.0	0.5	183	13.2	---	9.9	Off
EW-2020	0.0	0.5	322	11.9	---	15.9	Off
EW-2021	0.0	0.4	275	11.4	---	14.5	Off
EW-2022	0.3	0.6	445	13.0	---	19.5	On
EW-2023	0.6	0.7	440	12.1	---	16.2	On
EW-2024	0.4	0.6	305	9.9	---	15.8	On
EW-2025	0.8	1.3	1,197	10.8	---	24.0	On
EW-2026	0.7	1.2	957	9.4	---	24.0	On
EW-2027	0.8	1.3	1,121	9.3	---	24.0	On
EW-2028	0.8	1.3	1,081	8.8	---	24.0	On
EW-2029	0.9	1.3	1,294	7.3	---	24.0	On
EW-2030	1.4	1.7	2,070	9.7	---	24.0	On
EW-2031	1.5	1.8	2,147	10.8	---	24.0	On
EW-2032	0.5	1.0	699	8.9	---	24.0	On
EW-2033	0.4	1.0	703	9.4	---	24.0	On
EW-2034	0.7	0.8	888	8.1	25.4	24.0	On
EW-2035	0.0	0.0	0	19.8	-3.0	0.0	Off
EW-2036	0.7	1.5	1,013	13.2	30.3	24.0	On
EW-2037	0.9	1.8	1,305	4.0	34.2	24.0	On
EW-2101	16.9	17.3	24,511	14.9	56.9	24.0	On
EW-2102	15.8	16.7	23,310	16.6	57.7	24.0	On
EW-2103	0.0	0.0	0	14.9	34.5	0.0	Off
EW-2104	43.9	45.2	63,111	12.7	60.6	24.0	On
EW-3001	0.0	0.0	0	1.5	14.6	0.0	Off
EW-3002	0.5	0.6	646	2.0	13.5	24.0	On
EW-3003	0.0	0.0	0	3.8	13.6	0.0	Off

Daily Log

January 31, 2016 12AM to February 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.2	2.3	3,145	-2.9	---	24.0	On
EW-3006	0.0	0.1	0	0.4	---	0.0	Off
EW-3007	1.6	1.7	2,185	-3.7	---	24.0	On
EW-3008	0.4	0.6	487	-0.8	---	23.5	On
EW-3009	3.2	3.4	4,564	-1.8	---	24.0	On
EW-3010	1.0	1.3	1,352	-2.2	---	24.0	On
EW-3011	0.0	0.8	602	0.1	24.0	17.1	Off
EW-3012	0.8	0.9	913	-6.0	28.8	24.0	On
EW-3013	1.0	1.2	1,490	-6.5	37.8	24.0	On
EW-3014	0.0	0.4	127	-3.8	42.5	7.6	Off
EW-3015	1.3	1.4	1,714	-6.3	47.2	24.0	On
EW-3016	0.9	1.0	1,193	-6.6	51.8	24.0	On
EW-3017	0.0	0.7	206	-6.2	55.6	10.5	Off
EW-3018	0.0	0.6	119	-9.2	55.2	6.2	Off
EW-3019	1.0	1.1	1,353	-3.2	56.2	24.0	On
EW-3020	3.6	3.7	5,286	-1.9	46.3	24.0	On
EW-3021	0.4	0.6	494	-0.3	26.6	23.0	On
EW-3022	0.6	1.6	848	-2.4	33.0	24.0	On
EW-3023	1.6	1.8	2,221	0.4	25.9	24.0	On
EW-3024	0.5	0.6	519	0.8	---	22.6	On
EW-3025	2.0	2.4	2,891	-1.1	35.1	24.0	On
EW-3026	2.4	2.8	3,486	-2.7	35.7	24.0	On
EW-3027	0.0	0.0	0	0.0	---	0.0	Off
EW-4001	2.9	3.2	4,386	-1.3	31.1	23.9	On
EW-4002	2.2	6.3	3,180	-47.2	15.1	23.9	On
EW-4003	2.1	2.3	2,933	-21.7	---	23.9	On
EW-4004	1.6	1.8	2,350	-9.1	17.3	23.9	On
EW-4005	2.0	2.2	2,905	-12.2	---	23.9	On
EW-4006	1.5	5.5	2,214	-50.9	30.7	23.9	On
EW-4007	1.0	1.1	1,443	-2.6	34.3	23.9	On
EW-4008	2.9	3.2	4,300	-12.0	35.6	23.9	On
EW-4009	0.9	0.9	1,180	-20.4	38.9	23.9	On
EW-4010	2.3	2.7	3,148	1.9	46.7	23.9	On
EW-4011	2.0	2.2	3,035	-18.9	46.0	23.9	On
EW-5001	2.0	2.2	2,922	-24.1	---	23.9	On
EW-5002	0.0	0.0	0	7.3	0.2	0.0	Off
EW Totals	**151.0**		**217,814**				

	Value	Total (KGal)	Peak Flow
FIT-100	149 GPM	215.4	160 GPM
FIT-500	0 GPM	222.5	197 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

January 31, 2016 12AM to February 1, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

January 31, 2016 12AM to February 1, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,027.2 µS
Outlet Conductivity	CIT-642	498.9 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	81.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 1, 2016 12AM to February 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,640	1.4	48.2	24.0	On
EW-2002	0.8	1.1	1,170	5.4	47.4	24.0	On
EW-2003	1.3	1.4	1,914	4.6	43.5	24.0	On
EW-2004	0.5	0.6	714	7.4	35.8	23.9	On
EW-2005	0.4	2.2	567	7.0	33.5	22.8	On
EW-2006	1.1	1.4	1,667	5.8	29.6	24.0	On
EW-2007	1.7	1.9	2,503	7.6	25.5	24.0	On
EW-2008	0.7	0.9	1,128	2.5	24.9	24.0	On
EW-2009	1.1	1.3	1,693	3.3	25.0	24.0	On
EW-2010	0.3	0.5	290	6.6	24.1	15.9	On
EW-2011	0.3	0.5	347	9.4	22.6	17.6	On
EW-2012	0.0	0.5	94	11.8	14.5	5.5	Off
EW-2013	0.0	0.6	331	18.4	14.5	16.0	Off
EW-2014	0.9	1.3	1,365	13.1	17.6	24.0	On
EW-2015	0.4	0.6	579	11.7	14.2	23.5	On
EW-2016	0.5	0.7	729	10.3	---	23.8	On
EW-2017	1.3	1.6	1,941	12.3	---	24.0	On
EW-2018	0.6	1.5	892	11.3	---	24.0	On
EW-2019	0.0	0.5	186	12.5	---	10.2	Off
EW-2020	0.0	0.5	324	10.9	---	16.3	Off
EW-2021	0.0	0.4	272	12.0	---	14.5	Off
EW-2022	0.3	0.6	450	13.0	---	20.7	On
EW-2023	0.0	0.7	442	11.9	---	16.5	Off
EW-2024	0.3	0.6	303	10.5	---	16.6	On
EW-2025	0.7	1.5	1,187	11.1	---	24.0	On
EW-2026	0.6	1.4	950	9.7	---	24.0	On
EW-2027	0.7	1.5	1,114	9.6	---	24.0	On
EW-2028	0.7	1.5	1,073	9.1	---	24.0	On
EW-2029	0.8	1.5	1,287	7.7	---	24.0	On
EW-2030	1.4	1.9	2,055	9.9	---	24.0	On
EW-2031	1.4	1.9	2,120	10.9	---	24.0	On
EW-2032	0.4	1.3	694	9.3	---	24.0	On
EW-2033	0.4	1.2	702	9.5	---	24.0	On
EW-2034	0.6	0.9	886	8.3	27.4	24.0	On
EW-2035	0.0	0.0	0	19.8	-3.0	0.0	Off
EW-2036	0.7	1.0	1,005	13.2	30.6	24.0	On
EW-2037	0.9	1.3	1,290	4.1	33.9	24.0	On
EW-2101	22.3	27.0	28,281	14.4	69.0	23.5	On
EW-2102	20.1	25.5	25,171	16.3	70.5	22.7	On
EW-2103	0.0	0.0	0	14.9	34.4	0.0	Off
EW-2104	43.9	44.2	63,053	12.8	60.2	24.0	On
EW-3001	0.0	0.0	0	1.5	14.3	0.0	Off
EW-3002	0.4	0.6	626	1.9	13.3	24.0	On
EW-3003	0.0	0.0	0	3.8	13.4	0.0	Off

Daily Log

February 1, 2016 12AM to February 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.2	2.3	3,122	-3.0	---	24.0	On
EW-3006	0.0	0.1	0	0.4	---	0.0	Off
EW-3007	1.4	1.9	2,163	-3.5	---	24.0	On
EW-3008	0.3	0.6	478	-0.8	---	24.0	On
EW-3009	3.2	3.4	4,619	-1.9	---	24.0	On
EW-3010	0.9	1.5	1,322	-2.0	---	24.0	On
EW-3011	0.6	0.9	639	0.0	26.2	18.3	On
EW-3012	0.6	1.3	915	-6.2	31.5	24.0	On
EW-3013	1.0	2.0	1,492	-6.2	41.5	24.0	On
EW-3014	0.0	0.8	127	-4.5	47.7	7.6	Off
EW-3015	1.2	2.4	1,714	-6.0	53.8	24.0	On
EW-3016	0.8	1.8	1,188	-6.3	61.2	24.0	On
EW-3017	0.3	0.8	207	-7.1	67.1	10.5	On
EW-3018	0.0	1.0	119	-9.3	66.8	6.3	Off
EW-3019	0.9	2.2	1,349	-2.9	67.6	24.0	On
EW-3020	3.7	3.7	5,264	-2.2	47.6	24.0	On
EW-3021	0.3	0.5	473	-0.2	26.4	22.6	On
EW-3022	0.5	0.9	826	-2.3	32.8	24.0	On
EW-3023	1.5	2.4	2,205	0.6	28.3	24.0	On
EW-3024	0.3	0.7	525	1.2	---	23.2	On
EW-3025	2.0	2.1	2,890	-1.3	34.9	24.0	On
EW-3026	2.4	2.5	3,485	-2.9	35.4	24.0	On
EW-3027	0.0	0.0	0	-0.1	---	0.0	Off
EW-4001	3.1	3.2	4,343	-2.1	31.4	24.0	On
EW-4002	2.2	2.6	3,176	-47.1	14.8	24.0	On
EW-4003	2.0	2.2	2,942	-22.9	---	24.0	On
EW-4004	1.6	1.8	2,379	-10.5	18.1	24.0	On
EW-4005	2.1	2.2	2,952	-13.8	---	24.0	On
EW-4006	1.5	1.8	2,193	-50.8	30.5	24.0	On
EW-4007	1.0	1.1	1,443	-3.1	34.1	24.0	On
EW-4008	3.0	3.2	4,367	-13.2	35.5	24.0	On
EW-4009	0.8	1.2	1,183	-20.1	42.1	24.0	On
EW-4010	2.2	2.3	3,244	1.6	46.5	24.0	On
EW-4011	2.1	2.2	3,004	-20.4	45.9	24.0	On
EW-5001	2.0	2.2	2,950	-25.3	---	24.0	On
EW-5002	0.0	0.0	0	7.3	0.2	0.0	Off
EW Totals	**158.4**		**223,337**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	220.1	172 GPM
FIT-500	71 GPM	218.4	201 GPM
Effluent Temp	97.4 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

February 1, 2016 12AM to February 2, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.1
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	1.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 1, 2016 12AM to February 2, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,029.2 µS
Outlet Conductivity	CIT-642	529.8 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.0
Recharge Tank Temp	TIT-660C	81.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 2, 2016 12AM to February 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.7	2,592	1.4	47.9	23.5	On
EW-2002	0.8	5.5	1,154	5.4	47.1	23.5	On
EW-2003	1.4	4.5	1,900	4.4	43.1	23.5	On
EW-2004	0.6	0.7	734	6.7	35.3	23.5	On
EW-2005	0.5	0.7	583	7.3	33.1	23.5	On
EW-2006	1.2	5.7	1,652	5.8	29.2	23.5	On
EW-2007	1.8	4.8	2,464	7.6	25.3	23.5	On
EW-2008	0.8	4.5	1,116	2.4	24.3	23.5	On
EW-2009	1.2	27.0	1,580	3.3	24.8	22.1	On
EW-2010	0.0	0.8	290	5.6	23.3	15.1	Off
EW-2011	0.0	0.7	346	8.4	21.8	16.9	Off
EW-2012	0.0	0.7	97	12.3	14.3	5.5	Off
EW-2013	0.5	0.6	331	17.4	14.3	15.5	On
EW-2014	1.0	5.2	1,370	12.9	17.2	23.9	On
EW-2015	0.5	0.7	578	12.2	13.9	23.7	On
EW-2016	0.6	0.9	721	10.7	---	23.9	On
EW-2017	1.4	4.2	1,936	12.2	---	23.9	On
EW-2018	0.6	4.1	892	10.9	---	23.9	On
EW-2019	0.4	0.5	185	12.0	---	9.9	On
EW-2020	0.4	0.7	322	10.4	---	16.0	On
EW-2021	0.3	0.5	272	12.9	---	14.2	On
EW-2022	0.5	0.8	448	11.0	---	20.1	On
EW-2023	0.5	0.8	441	10.6	---	16.4	On
EW-2024	0.4	0.8	302	9.7	---	15.4	On
EW-2025	0.8	4.5	1,179	10.8	---	23.9	On
EW-2026	0.7	4.1	944	9.4	---	23.9	On
EW-2027	0.8	4.8	1,110	9.3	---	23.9	On
EW-2028	0.7	4.6	1,065	8.8	---	23.9	On
EW-2029	0.9	5.2	1,279	7.3	---	23.9	On
EW-2030	1.4	6.8	2,041	9.7	---	23.9	On
EW-2031	1.5	7.1	2,098	10.8	---	23.9	On
EW-2032	0.5	2.9	688	8.9	---	23.9	On
EW-2033	0.5	3.0	705	9.3	---	23.9	On
EW-2034	0.7	3.6	874	8.0	27.1	23.4	On
EW-2035	1.2	2.5	733	6.5	23.2	10.6	On
EW-2036	0.7	4.4	993	13.3	30.5	23.9	On
EW-2037	1.0	5.2	1,276	3.8	34.4	23.9	On
EW-2101	22.3	29.2	31,318	14.3	67.4	23.5	On
EW-2102	20.2	21.7	28,205	16.3	69.0	23.5	On
EW-2103	0.0	0.0	0	15.0	34.3	0.0	Off
EW-2104	43.9	44.7	62,922	12.8	60.1	23.9	On
EW-3001	0.0	0.0	0	1.6	14.1	0.0	Off
EW-3002	0.0	0.7	367	2.0	12.9	16.6	Off
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

February 2, 2016 12AM to February 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.2	2.3	3,143	-3.0	---	23.9	On
EW-3006	0.0	0.1	0	0.4	---	0.0	Off
EW-3007	1.5	5.1	2,151	-3.6	---	23.9	On
EW-3008	0.4	0.8	458	-0.8	---	23.9	On
EW-3009	3.4	6.5	4,703	-1.9	---	23.9	On
EW-3010	0.9	4.9	1,315	-2.2	---	23.9	On
EW-3011	0.7	1.0	679	-0.1	25.8	19.1	On
EW-3012	0.6	5.5	907	-6.2	30.8	23.4	On
EW-3013	1.1	4.8	1,475	-6.4	40.5	23.4	On
EW-3014	0.0	0.5	127	-3.3	46.3	7.6	Off
EW-3015	1.2	4.4	1,694	-6.0	52.0	23.4	On
EW-3016	0.8	2.8	1,172	-6.4	59.3	23.4	On
EW-3017	0.0	0.7	203	-6.2	65.4	10.4	Off
EW-3018	0.0	1.3	119	-9.2	65.1	6.3	Off
EW-3019	1.0	3.3	1,333	-3.0	66.1	23.4	On
EW-3020	3.7	6.1	5,196	-2.1	47.2	23.4	On
EW-3021	0.4	0.5	469	0.0	26.3	22.5	On
EW-3022	0.6	3.8	826	-2.3	32.8	23.9	On
EW-3023	1.5	5.0	2,146	0.6	27.7	23.4	On
EW-3024	0.5	0.8	539	0.8	---	23.4	On
EW-3025	2.0	2.4	2,877	-1.2	34.9	23.9	On
EW-3026	2.4	3.8	3,466	-2.8	35.4	23.9	On
EW-3027	0.0	0.5	4	0.0	---	0.3	Off
EW-4001	3.1	3.2	4,403	-1.9	31.3	23.9	On
EW-4002	2.3	5.9	3,173	-47.1	14.6	23.9	On
EW-4003	2.1	2.4	2,898	-23.0	---	23.9	On
EW-4004	1.7	1.9	2,286	-10.3	17.6	23.4	On
EW-4005	2.0	2.3	2,882	-13.6	---	23.9	On
EW-4006	1.6	4.5	2,179	-51.0	30.4	23.9	On
EW-4007	1.0	1.2	1,430	-3.0	34.1	23.9	On
EW-4008	3.1	3.3	4,343	-13.2	35.7	23.9	On
EW-4009	0.8	1.3	1,122	-20.2	41.2	23.4	On
EW-4010	2.3	2.6	3,267	1.7	48.6	23.9	On
EW-4011	2.2	2.4	3,103	-22.2	47.9	23.9	On
EW-5001	2.1	2.4	2,908	-25.4	---	23.9	On
EW-5002	0.0	0.0	0	7.3	23.5	0.0	Off
EW Totals	**164.2**		**229,097**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	226.1	221 GPM
FIT-500	187 GPM	236.2	197 GPM
Effluent Temp	96.3 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

February 2, 2016 12AM to February 3, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 2, 2016 12AM to February 3, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,029.8 µS
Outlet Conductivity	CIT-642	545.7 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.1
Recharge Tank Temp	TIT-660C	81.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 3, 2016 12AM to February 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.1	2,624	1.4	46.1	23.9	On
EW-2002	0.8	4.9	1,156	5.5	45.2	23.9	On
EW-2003	1.3	4.5	1,914	4.5	41.4	23.9	On
EW-2004	0.6	0.7	742	6.7	33.6	23.8	On
EW-2005	0.5	0.7	603	6.9	31.3	23.9	On
EW-2006	1.2	5.5	1,668	5.7	27.5	23.9	On
EW-2007	1.8	4.9	2,506	7.6	23.5	23.9	On
EW-2008	0.8	3.9	1,109	2.4	22.1	23.9	On
EW-2009	1.1	4.3	1,646	3.2	22.5	23.8	On
EW-2010	0.0	0.7	287	6.6	21.3	15.6	On
EW-2011	0.0	0.7	344	9.0	19.8	17.4	Off
EW-2012	0.0	0.5	94	13.4	12.0	5.4	Off
EW-2013	0.4	0.6	328	17.4	12.0	15.5	On
EW-2014	1.0	5.6	1,377	13.1	10.4	23.9	On
EW-2015	0.5	0.7	576	12.7	10.1	23.2	On
EW-2016	0.5	0.7	748	11.9	---	23.8	On
EW-2017	1.3	4.4	1,926	12.2	---	23.9	On
EW-2018	0.6	5.4	895	10.9	---	23.9	On
EW-2019	0.3	0.5	184	12.1	---	9.9	On
EW-2020	0.4	0.5	320	10.7	---	16.3	On
EW-2021	0.0	0.5	273	12.5	---	14.5	Off
EW-2022	0.3	0.6	441	13.0	---	19.8	On
EW-2023	0.5	0.7	436	10.8	---	16.5	On
EW-2024	0.0	0.6	299	10.6	---	15.6	Off
EW-2025	0.8	5.8	1,175	10.8	---	23.8	On
EW-2026	0.7	5.6	943	9.4	---	23.9	On
EW-2027	0.8	6.4	1,109	9.3	---	23.9	On
EW-2028	0.7	6.0	1,066	8.8	---	23.9	On
EW-2029	0.9	6.4	1,275	7.3	---	23.9	On
EW-2030	1.4	7.3	2,032	9.8	---	23.9	On
EW-2031	1.5	7.6	2,086	11.0	---	23.9	On
EW-2032	0.5	4.4	690	8.9	---	23.9	On
EW-2033	0.5	3.7	685	9.4	---	20.8	On
EW-2034	0.6	3.9	876	8.2	24.1	23.9	On
EW-2035	1.2	2.7	1,643	6.6	21.7	23.9	On
EW-2036	0.7	4.7	983	13.2	17.2	23.9	On
EW-2037	0.9	5.8	1,262	4.0	19.1	23.9	On
EW-2101	15.1	23.6	28,413	14.9	54.7	23.9	On
EW-2102	21.5	22.1	29,151	16.3	62.3	23.9	On
EW-2103	0.0	0.0	0	15.0	13.6	0.0	Off
EW-2104	7.2	44.9	43,185	14.8	13.8	23.9	On
EW-3001	0.0	0.0	0	1.7	11.8	0.0	Off
EW-3002	0.0	0.5	204	2.2	10.6	11.0	Off
EW-3003	0.0	0.0	0	3.8	10.7	0.0	Off

Daily Log

February 3, 2016 12AM to February 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	1	1.3	---	0.1	Off
EW-3005	2.1	2.2	3,086	-2.9	---	23.8	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.5	5.2	2,161	-3.6	---	23.8	On
EW-3008	0.4	0.6	489	-0.8	---	23.8	On
EW-3009	3.4	6.8	4,798	-1.9	---	23.7	On
EW-3010	0.9	5.8	1,306	-2.2	---	23.8	On
EW-3011	0.0	0.9	643	0.4	22.7	18.4	Off
EW-3012	0.8	5.3	912	-6.1	27.1	23.8	On
EW-3013	1.1	4.7	1,485	-6.3	35.4	23.8	On
EW-3014	0.0	0.8	126	-3.0	40.3	7.6	On
EW-3015	1.3	4.4	1,707	-6.2	44.9	23.8	On
EW-3016	0.9	2.2	1,175	-6.5	51.0	23.8	On
EW-3017	0.0	0.8	207	-7.0	53.9	10.6	Off
EW-3018	0.0	0.8	118	-9.6	53.6	6.3	Off
EW-3019	1.1	2.7	1,337	-3.2	54.6	23.8	On
EW-3020	3.7	5.8	5,274	-2.2	45.4	23.8	On
EW-3021	0.4	0.7	486	-0.1	16.6	22.7	On
EW-3022	0.6	5.2	827	-2.3	23.1	23.8	On
EW-3023	1.5	5.1	2,192	0.5	24.5	23.8	On
EW-3024	0.4	0.7	578	1.2	---	23.6	On
EW-3025	2.0	2.6	2,883	-1.2	25.2	23.8	On
EW-3026	2.4	3.8	3,477	-2.8	25.7	23.8	On
EW-3027	0.0	0.5	9	0.0	---	0.6	Off
EW-4001	3.2	3.5	4,416	-1.7	18.0	23.8	On
EW-4002	2.2	6.3	3,175	-47.2	12.3	23.8	On
EW-4003	2.2	9.3	2,926	-22.3	---	23.8	On
EW-4004	1.8	1.8	2,363	-10.7	16.0	23.8	On
EW-4005	2.0	2.0	2,790	2.0	---	23.8	On
EW-4006	1.5	5.1	2,184	-50.9	20.7	23.8	On
EW-4007	1.0	1.2	1,448	-2.3	24.4	23.8	On
EW-4008	3.1	3.6	4,362	-13.0	14.8	23.8	On
EW-4009	0.9	1.2	1,148	-19.6	36.5	23.8	On
EW-4010	2.4	2.7	3,364	1.9	34.6	23.8	On
EW-4011	2.4	2.5	3,174	-23.6	33.8	23.8	On
EW-5001	2.1	2.2	2,930	-25.9	---	23.8	On
EW-5002	0.0	3.0	24	7.5	22.0	0.1	Off
EW Totals	**119.8**		**208,854**				

	Value	Total (KGal)	Peak Flow
FIT-100	116 GPM	205.2	172 GPM
FIT-500	8 GPM	214.4	196 GPM
Effluent Temp	100.4 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

February 3, 2016 12AM to February 4, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 3, 2016 12AM to February 4, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,030.1 µS
Outlet Conductivity	CIT-642	577.8 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.1
Recharge Tank Temp	TIT-660C	81.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 4, 2016 12AM to February 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,612	1.7	48.2	24.0	On
EW-2002	0.8	1.0	1,149	5.6	47.5	24.0	On
EW-2003	1.3	1.5	1,896	4.8	43.6	24.0	On
EW-2004	0.5	0.6	723	8.0	36.1	24.0	On
EW-2005	0.4	0.5	593	8.4	33.9	24.0	On
EW-2006	1.2	1.5	1,649	5.9	30.3	24.0	On
EW-2007	1.8	2.0	2,492	7.6	26.6	24.0	On
EW-2008	0.8	1.0	1,099	2.4	26.5	24.0	On
EW-2009	1.2	1.3	1,641	3.2	26.8	24.0	On
EW-2010	0.4	0.5	289	5.3	25.6	15.8	On
EW-2011	0.4	0.5	345	8.4	24.1	17.5	On
EW-2012	0.0	0.5	94	11.8	15.7	5.4	Off
EW-2013	0.0	0.6	327	18.3	15.7	15.4	Off
EW-2014	1.0	1.9	1,384	12.9	18.9	24.0	On
EW-2015	0.4	0.7	578	12.4	15.6	23.5	On
EW-2016	0.5	0.7	737	11.1	---	24.0	On
EW-2017	1.4	1.7	1,929	12.2	---	24.0	On
EW-2018	0.6	1.6	893	10.9	---	24.0	On
EW-2019	0.0	0.5	186	11.6	---	10.2	Off
EW-2020	0.4	0.5	321	11.3	---	16.1	On
EW-2021	0.0	0.5	270	13.0	---	14.4	Off
EW-2022	0.0	0.6	441	11.6	---	20.1	Off
EW-2023	0.5	0.7	434	11.2	---	16.4	On
EW-2024	0.3	0.6	300	10.7	---	16.0	On
EW-2025	0.8	1.7	1,169	10.8	---	24.0	On
EW-2026	0.6	1.5	940	9.4	---	24.0	On
EW-2027	0.8	1.6	1,102	9.3	---	24.0	On
EW-2028	0.7	1.6	1,062	8.8	---	24.0	On
EW-2029	0.8	1.6	1,269	7.4	---	24.0	On
EW-2030	1.4	2.1	2,027	9.7	---	24.0	On
EW-2031	1.5	2.1	2,074	10.8	---	24.0	On
EW-2032	0.5	1.4	691	8.9	---	24.0	On
EW-2033	0.4	1.3	702	9.4	---	24.0	On
EW-2034	0.6	0.8	872	8.0	29.5	24.0	On
EW-2035	1.1	1.3	1,642	6.6	24.8	24.0	On
EW-2036	0.7	1.9	973	13.2	31.5	24.0	On
EW-2037	0.9	2.4	1,253	3.8	34.6	24.0	On
EW-2101	20.9	21.8	27,616	14.4	71.2	24.0	On
EW-2102	18.6	21.6	28,313	16.5	72.1	24.0	On
EW-2103	0.0	0.0	0	15.1	35.6	0.0	Off
EW-2104	43.9	44.4	46,488	13.3	61.1	24.0	On
EW-3001	0.0	0.0	0	1.7	15.5	0.0	Off
EW-3002	0.0	0.6	237	2.1	14.5	12.9	Off
EW-3003	0.0	0.0	0	3.8	14.6	0.0	Off

Daily Log

February 4, 2016 12AM to February 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.1	2.2	3,075	-2.7	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.6	2.0	2,158	-3.7	---	24.0	On
EW-3008	0.3	0.6	474	-0.6	---	24.0	On
EW-3009	3.2	3.6	4,771	-1.7	---	24.0	On
EW-3010	1.0	1.6	1,297	-2.2	---	24.0	On
EW-3011	0.7	0.8	717	-0.1	28.2	20.0	On
EW-3012	0.6	1.3	912	-6.2	33.8	24.0	On
EW-3013	1.1	1.3	1,487	-6.3	44.1	24.0	On
EW-3014	0.0	0.4	127	-3.8	50.1	7.7	Off
EW-3015	1.2	1.4	1,710	-6.3	56.1	24.0	On
EW-3016	0.9	1.0	1,176	-6.7	63.5	24.0	On
EW-3017	0.0	1.0	205	-5.9	69.4	10.6	Off
EW-3018	0.0	0.8	118	-8.9	69.1	6.2	Off
EW-3019	1.0	1.1	1,333	-3.2	70.0	24.0	On
EW-3020	3.6	3.7	5,260	-1.9	47.6	24.0	On
EW-3021	0.4	0.7	512	0.0	27.7	23.8	On
EW-3022	0.6	1.5	819	-2.3	34.0	24.0	On
EW-3023	1.5	1.9	2,180	0.6	30.2	24.0	On
EW-3024	0.3	0.7	563	1.3	---	23.9	On
EW-3025	2.0	2.4	2,874	-0.9	35.9	24.0	On
EW-3026	2.4	2.8	3,443	-2.5	36.6	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	2.9	3.7	4,367	-1.1	32.1	24.0	On
EW-4002	2.2	2.8	3,182	-47.2	16.0	24.0	On
EW-4003	2.0	2.3	2,941	-20.3	---	24.0	On
EW-4004	1.6	1.8	2,364	-9.1	19.2	24.0	On
EW-4005	2.0	2.0	2,817	2.1	---	24.0	On
EW-4006	1.6	2.3	2,186	-51.1	31.6	24.0	On
EW-4007	1.0	1.3	1,430	-1.8	35.3	24.0	On
EW-4008	3.0	4.0	4,333	-11.9	36.7	24.0	On
EW-4009	0.8	0.9	1,164	-19.1	44.9	24.0	On
EW-4010	2.0	2.4	3,115	2.2	45.7	24.0	On
EW-4011	2.0	2.4	3,124	-18.8	45.2	24.0	On
EW-5001	2.0	2.2	2,943	-24.3	---	24.0	On
EW-5002	0.0	0.0	0	7.4	25.2	0.0	Off
EW Totals	**157.2**		**209,994**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	205.4	172 GPM
FIT-500	0 GPM	188.9	231 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

February 4, 2016 12AM to February 5, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	14.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 4, 2016 12AM to February 5, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	21.9
Permeate Flow	FIT-642	0 GPM	16.1
Concentrate Flow	FIT-643	0 GPM	5.4

Inlet Conductivity	CIT-630	1,106.2 µS
Outlet Conductivity	CIT-642	236.4 µS
Hours Run		3.7 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 5, 2016 12AM to February 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.2	1,927	1.5	48.0	17.6	On
EW-2002	0.8	5.3	875	5.4	47.1	17.6	On
EW-2003	1.4	4.1	1,450	4.5	43.0	17.6	On
EW-2004	0.6	0.7	560	6.6	34.8	17.6	On
EW-2005	0.5	0.7	450	7.1	32.5	17.6	On
EW-2006	1.2	5.2	1,257	5.7	28.6	17.6	On
EW-2007	1.8	4.7	1,860	7.5	24.5	17.6	On
EW-2008	0.8	4.5	840	2.4	23.0	17.6	On
EW-2009	1.1	2.6	1,199	3.2	23.4	17.5	On
EW-2010	0.0	0.6	221	6.5	22.2	11.8	Off
EW-2011	0.0	0.6	259	9.3	20.7	12.9	Off
EW-2012	0.0	0.5	100	11.3	13.9	5.8	Off
EW-2013	0.0	0.7	316	18.3	13.9	14.8	Off
EW-2014	1.0	5.8	1,355	12.9	17.2	22.5	On
EW-2015	0.5	0.7	548	11.7	13.7	22.0	On
EW-2016	0.6	0.8	696	10.0	---	22.6	On
EW-2017	1.4	4.5	1,906	12.2	---	22.5	On
EW-2018	0.6	7.5	881	10.9	---	22.6	On
EW-2019	0.0	0.7	181	12.9	---	9.5	Off
EW-2020	0.0	0.6	320	10.4	---	16.0	Off
EW-2021	0.0	0.5	268	11.1	---	14.0	Off
EW-2022	0.4	0.7	428	11.5	---	18.9	On
EW-2023	0.0	0.8	426	12.7	---	15.9	Off
EW-2024	0.3	0.7	298	10.9	---	15.2	On
EW-2025	0.8	7.3	1,148	10.8	---	22.5	On
EW-2026	0.7	7.5	923	9.4	---	22.6	On
EW-2027	0.8	7.5	1,085	9.3	---	22.6	On
EW-2028	0.7	7.4	1,042	8.8	---	22.6	On
EW-2029	0.9	7.5	1,246	7.3	---	22.4	On
EW-2030	1.4	7.5	1,978	9.7	---	22.6	On
EW-2031	1.5	7.7	2,017	10.8	---	22.6	On
EW-2032	0.5	7.2	678	8.9	---	22.6	On
EW-2033	0.5	3.7	686	9.4	---	21.0	On
EW-2034	0.8	57.7	745	7.9	21.1	17.6	On
EW-2035	1.2	2.5	1,221	6.6	22.1	17.6	On
EW-2036	0.7	4.8	957	13.2	30.7	22.4	On
EW-2037	0.9	6.0	1,218	3.8	34.2	22.4	On
EW-2101	20.1	28.7	20,961	14.8	39.8	17.0	On
EW-2102	20.0	26.2	19,829	16.7	47.3	17.0	On
EW-2103	0.0	0.0	0	15.2	34.5	0.0	Off
EW-2104	44.2	46.0	59,020	13.3	60.2	22.4	On
EW-3001	0.0	0.4	1	1.7	13.8	0.1	Off
EW-3002	0.3	0.6	306	2.1	12.7	14.5	On
EW-3003	0.0	0.5	1	3.8	12.8	0.1	Off

Daily Log

February 5, 2016 12AM to February 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.7	25	1.3	---	1.7	Off
EW-3005	2.2	2.3	2,892	-3.1	---	22.3	On
EW-3006	0.0	0.6	11	0.4	---	0.6	Off
EW-3007	1.5	5.6	2,205	-3.7	---	22.3	On
EW-3008	0.4	0.8	448	-0.8	---	22.3	On
EW-3009	3.5	7.1	5,014	-2.0	---	22.3	On
EW-3010	1.0	6.1	1,476	-2.2	---	22.3	On
EW-3011	0.0	1.0	458	0.5	20.0	13.0	Off
EW-3012	0.6	6.5	702	-6.2	22.5	17.6	On
EW-3013	1.1	6.1	1,130	-6.5	27.2	17.6	On
EW-3014	0.0	0.9	112	-3.6	30.3	6.5	Off
EW-3015	1.2	6.6	1,304	-6.3	33.4	17.5	On
EW-3016	0.8	3.7	900	-6.4	37.2	17.5	On
EW-3017	0.3	1.0	169	-5.6	38.1	8.5	On
EW-3018	0.0	1.1	106	-9.2	37.8	5.7	Off
EW-3019	1.0	4.3	1,021	-3.2	38.8	17.1	On
EW-3020	3.7	5.6	3,940	-2.2	47.3	17.6	On
EW-3021	0.4	0.6	491	-0.1	26.5	21.8	On
EW-3022	0.6	5.6	877	-2.4	33.5	22.3	On
EW-3023	1.5	5.6	1,640	0.4	21.2	17.6	On
EW-3024	0.5	0.7	547	0.8	---	22.2	On
EW-3025	2.1	3.1	2,797	-1.3	35.4	22.3	On
EW-3026	2.5	4.2	3,388	-2.8	36.1	22.3	On
EW-3027	0.0	0.6	98	0.0	---	5.4	Off
EW-4001	3.2	3.6	4,107	-1.6	31.4	22.2	On
EW-4002	2.2	6.8	3,118	-47.1	14.3	22.2	On
EW-4003	2.1	7.8	2,690	-22.2	---	22.2	On
EW-4004	1.7	1.9	1,727	-9.8	16.8	17.6	On
EW-4005	2.1	2.3	2,547	-12.6	---	21.3	On
EW-4006	1.5	6.6	2,160	-50.9	30.7	22.2	On
EW-4007	1.0	1.4	1,371	-2.4	34.5	22.2	On
EW-4008	3.1	3.7	4,028	-12.2	35.7	22.2	On
EW-4009	0.9	1.4	852	-20.5	29.1	17.6	On
EW-4010	2.4	2.7	2,983	2.1	47.9	22.2	On
EW-4011	2.1	2.5	2,840	-19.4	47.3	22.2	On
EW-5001	2.1	2.3	2,702	-24.9	---	22.2	On
EW-5002	0.0	0.0	0	7.5	22.5	0.0	Off
EW Totals	**160.0**		**196,560**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	193.2	4,150 GPM
FIT-500	0 GPM	203.5	200 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 5, 2016 12AM to February 6, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 5, 2016 12AM to February 6, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,106.5 µS
Outlet Conductivity	CIT-642	445.0 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	90.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 6, 2016 12AM to February 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.3	2,627	1.8	49.0	24.0	On
EW-2002	0.8	1.8	1,163	5.5	48.2	24.0	On
EW-2003	1.3	1.8	1,924	4.7	44.3	24.0	On
EW-2004	0.5	0.6	739	8.3	35.9	24.0	On
EW-2005	0.4	0.5	584	8.0	33.7	24.0	On
EW-2006	1.3	1.5	1,709	5.6	30.2	24.0	On
EW-2007	1.8	2.0	2,502	7.6	26.3	24.0	On
EW-2008	0.8	0.9	1,120	2.4	25.1	24.0	On
EW-2009	1.1	1.2	1,623	3.2	25.4	24.0	On
EW-2010	0.0	0.5	292	5.9	24.3	16.4	Off
EW-2011	0.0	0.5	344	8.7	22.8	18.0	Off
EW-2012	0.0	0.4	95	12.3	15.8	5.6	Off
EW-2013	0.0	0.6	323	18.6	15.9	15.4	Off
EW-2014	1.0	1.2	1,400	12.9	19.2	24.0	On
EW-2015	0.5	0.6	604	11.9	15.8	23.6	On
EW-2016	0.5	0.7	758	10.7	---	24.0	On
EW-2017	1.4	1.6	1,936	12.2	---	24.0	On
EW-2018	0.6	1.1	893	11.0	---	24.0	On
EW-2019	0.0	0.5	184	12.8	---	9.8	Off
EW-2020	0.4	0.5	323	10.8	---	15.9	On
EW-2021	0.3	0.4	268	11.2	---	14.4	On
EW-2022	0.4	0.6	440	11.8	---	19.9	On
EW-2023	0.5	0.7	437	11.1	---	16.5	On
EW-2024	0.3	0.5	302	11.0	---	16.3	On
EW-2025	0.8	1.2	1,170	10.9	---	24.0	On
EW-2026	0.6	1.1	933	9.4	---	24.0	On
EW-2027	0.8	1.2	1,097	9.3	---	24.0	On
EW-2028	0.7	1.2	1,054	8.8	---	24.0	On
EW-2029	0.9	1.3	1,267	7.4	---	24.0	On
EW-2030	1.4	1.7	2,033	9.7	---	24.0	On
EW-2031	1.4	1.7	2,064	10.8	---	24.0	On
EW-2032	0.5	0.9	678	8.9	---	24.0	On
EW-2033	0.5	0.9	704	9.4	---	24.0	On
EW-2034	0.8	1.0	1,091	7.9	23.5	24.0	On
EW-2035	1.2	1.3	1,648	6.6	24.3	24.0	On
EW-2036	0.7	1.0	975	13.3	32.1	24.0	On
EW-2037	0.9	1.0	1,242	3.8	35.6	24.0	On
EW-2101	20.1	20.2	28,821	14.7	42.5	24.0	On
EW-2102	20.0	20.2	28,820	16.6	49.9	24.0	On
EW-2103	0.0	0.0	0	15.1	36.0	0.0	Off
EW-2104	43.8	44.4	63,144	13.2	61.1	24.0	On
EW-3001	0.0	0.0	0	1.7	15.7	0.0	Off
EW-3002	0.0	0.5	256	2.3	14.7	14.0	Off
EW-3003	0.0	0.0	0	3.8	14.8	0.0	Off

Daily Log

February 6, 2016 12AM to February 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	2.0	2.2	3,027	-2.6	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.6	1.7	2,220	-3.7	---	24.0	On
EW-3008	0.4	0.6	493	-0.6	---	24.0	On
EW-3009	3.3	3.6	4,875	-1.7	---	24.0	On
EW-3010	1.0	1.3	1,412	-2.2	---	24.0	On
EW-3011	0.7	0.8	489	-0.2	22.5	14.4	On
EW-3012	0.6	0.9	926	-6.2	24.9	24.0	On
EW-3013	1.0	1.3	1,503	-6.5	29.7	24.0	On
EW-3014	0.0	0.4	134	-3.9	32.8	8.0	Off
EW-3015	1.2	1.4	1,724	-6.3	36.0	24.0	On
EW-3016	0.9	1.1	1,182	-6.6	39.8	24.0	On
EW-3017	0.4	1.0	208	-7.5	40.9	10.6	On
EW-3018	0.0	0.5	123	-8.9	40.6	7.2	Off
EW-3019	1.0	1.3	1,366	-3.2	41.6	24.0	On
EW-3020	3.6	4.0	5,279	-1.9	48.4	24.0	On
EW-3021	0.4	0.5	517	0.0	28.2	23.9	On
EW-3022	0.6	0.9	853	-2.4	34.8	24.0	On
EW-3023	1.5	1.9	2,192	0.4	23.6	24.0	On
EW-3024	0.4	0.6	586	1.1	---	24.0	On
EW-3025	2.0	2.2	2,936	-0.9	36.6	24.0	On
EW-3026	2.4	2.5	3,495	-2.5	37.2	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	3.0	3.2	4,424	-1.4	32.7	24.0	On
EW-4002	2.2	2.5	3,193	-47.2	16.2	24.0	On
EW-4003	2.1	2.3	2,931	-22.1	---	24.0	On
EW-4004	1.7	1.8	2,342	-9.6	19.0	24.0	On
EW-4005	2.0	2.2	2,913	-11.8	---	24.0	On
EW-4006	1.6	1.8	2,188	-51.2	32.2	24.0	On
EW-4007	1.0	1.1	1,433	-2.3	35.8	24.0	On
EW-4008	3.0	3.2	4,330	-11.8	37.2	24.0	On
EW-4009	0.9	0.9	1,201	-20.4	31.5	24.0	On
EW-4010	2.3	2.4	3,372	2.0	48.6	24.0	On
EW-4011	2.1	2.2	3,038	-19.6	47.9	24.0	On
EW-5001	2.1	2.3	2,921	-24.4	---	24.0	On
EW-5002	0.0	0.0	0	7.5	24.7	0.0	Off
EW Totals	**159.5**		**229,409**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	226.8	168 GPM
FIT-500	192 GPM	232.6	201 GPM
Effluent Temp	95.4 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 6, 2016 12AM to February 7, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 6, 2016 12AM to February 7, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,107.1 µS
Outlet Conductivity	CIT-642	620.4 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	87.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 7, 2016 12AM to February 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,607	1.6	48.7	24.0	On
EW-2002	0.8	1.0	1,150	5.6	47.9	24.0	On
EW-2003	1.3	1.4	1,895	4.8	44.0	24.0	On
EW-2004	0.4	0.5	683	8.6	35.7	24.0	On
EW-2005	0.4	0.5	533	8.4	33.4	23.9	On
EW-2006	1.1	1.4	1,680	5.9	29.9	24.0	On
EW-2007	1.7	1.9	2,471	7.7	26.1	24.0	On
EW-2008	0.8	0.9	1,118	2.5	25.9	24.0	On
EW-2009	1.1	1.2	1,626	3.4	26.2	24.0	On
EW-2010	0.3	0.5	291	5.7	25.1	15.9	On
EW-2011	0.3	0.5	344	8.6	23.5	17.5	On
EW-2012	0.0	0.4	94	12.5	15.8	5.5	Off
EW-2013	0.0	0.6	318	18.1	15.9	15.1	Off
EW-2014	1.0	1.6	1,398	13.0	19.0	24.0	On
EW-2015	0.4	0.8	599	12.0	15.6	23.4	On
EW-2016	0.5	0.7	768	10.8	---	24.0	On
EW-2017	1.4	1.5	1,918	12.1	---	24.0	On
EW-2018	0.6	1.3	895	11.2	---	24.0	On
EW-2019	0.0	0.4	184	12.2	---	9.8	Off
EW-2020	0.3	0.5	324	10.2	---	16.4	On
EW-2021	0.3	0.4	268	10.9	---	14.3	On
EW-2022	0.0	0.6	436	12.8	---	19.2	Off
EW-2023	0.0	0.6	437	10.8	---	16.5	Off
EW-2024	0.0	0.6	300	11.0	---	15.6	Off
EW-2025	0.8	1.3	1,168	10.9	---	24.0	On
EW-2026	0.6	1.2	931	9.6	---	24.0	On
EW-2027	0.7	1.3	1,098	9.5	---	24.0	On
EW-2028	0.7	1.3	1,055	8.9	---	24.0	On
EW-2029	0.9	1.3	1,268	7.5	---	24.0	On
EW-2030	1.4	1.7	2,034	9.8	---	24.0	On
EW-2031	1.4	1.8	2,057	10.9	---	24.0	On
EW-2032	0.4	1.0	675	9.1	---	24.0	On
EW-2033	0.5	1.0	704	9.6	---	24.0	On
EW-2034	0.7	1.0	1,081	8.0	23.4	24.0	On
EW-2035	1.1	1.2	1,644	6.6	24.1	24.0	On
EW-2036	0.7	2.6	971	13.2	31.9	24.0	On
EW-2037	0.9	1.8	1,248	3.8	34.7	24.0	On
EW-2101	20.1	20.1	28,824	14.6	43.1	24.0	On
EW-2102	20.0	20.2	28,794	16.6	50.8	24.0	On
EW-2103	0.0	0.0	0	15.1	35.8	0.0	Off
EW-2104	43.7	44.3	63,010	13.1	60.9	24.0	On
EW-3001	0.0	0.0	0	1.7	15.7	0.0	Off
EW-3002	0.3	0.5	244	2.0	14.7	13.0	On
EW-3003	0.0	0.0	0	3.8	14.8	0.0	Off

Daily Log

February 7, 2016 12AM to February 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	1.9	2.0	2,751	-2.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.6	1.8	2,215	-3.6	---	24.0	On
EW-3008	0.3	0.6	502	-0.5	---	24.0	On
EW-3009	3.4	3.6	4,953	-1.7	---	24.0	On
EW-3010	1.0	1.4	1,401	-2.1	---	24.0	On
EW-3011	0.0	0.8	510	0.9	22.3	14.8	Off
EW-3012	0.6	1.0	925	-6.1	24.8	24.0	On
EW-3013	1.0	1.2	1,492	-6.5	29.7	24.0	On
EW-3014	0.3	0.4	127	-3.6	33.0	7.5	On
EW-3015	1.2	1.5	1,714	-6.2	36.4	24.0	On
EW-3016	0.8	1.0	1,176	-6.4	40.2	24.0	On
EW-3017	0.3	0.7	205	-7.5	41.4	10.5	On
EW-3018	0.0	0.5	120	-9.0	41.1	7.1	Off
EW-3019	1.0	1.2	1,361	-2.9	42.0	24.0	On
EW-3020	3.6	3.7	5,221	-2.0	48.1	24.0	On
EW-3021	0.4	0.7	509	0.1	27.8	23.8	On
EW-3022	0.6	1.6	840	-2.4	34.3	24.0	On
EW-3023	1.5	1.7	2,203	0.7	23.5	24.0	On
EW-3024	0.4	0.6	596	1.4	---	23.9	On
EW-3025	2.0	2.4	2,934	-1.0	36.2	24.0	On
EW-3026	2.4	2.8	3,487	-2.6	36.9	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	3.0	3.6	4,405	-1.4	32.5	24.0	On
EW-4002	2.2	2.5	3,175	-47.1	16.2	24.0	On
EW-4003	2.0	2.2	2,945	-21.7	---	24.0	On
EW-4004	1.6	1.8	2,361	-9.3	18.9	24.0	On
EW-4005	1.8	2.2	2,877	-11.8	---	24.0	On
EW-4006	1.5	2.0	2,185	-50.9	31.8	24.0	On
EW-4007	1.0	1.3	1,436	-2.3	35.4	24.0	On
EW-4008	3.0	4.0	4,333	-12.4	36.9	24.0	On
EW-4009	0.9	0.9	1,200	-20.7	31.4	24.0	On
EW-4010	2.0	2.5	3,129	2.2	46.0	24.0	On
EW-4011	2.1	2.5	3,021	-19.4	45.4	24.0	On
EW-5001	2.0	2.2	2,945	-24.1	---	24.0	On
EW-5002	0.0	0.0	0	7.4	24.5	0.0	Off
EW Totals	**156.7**		**228,397**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	226.0	169 GPM
FIT-500	193 GPM	227.7	197 GPM
Effluent Temp	96.3 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

February 7, 2016 12AM to February 8, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 7, 2016 12AM to February 8, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,107.6 µS
Outlet Conductivity	CIT-642	713.8 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	84.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 8, 2016 12AM to February 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.4	2,577	1.5	48.9	23.9	On
EW-2002	0.8	1.5	1,148	5.3	47.9	24.0	On
EW-2003	1.4	1.7	1,890	4.5	43.9	24.0	On
EW-2004	0.5	0.7	710	7.4	35.1	24.0	On
EW-2005	0.5	2.2	562	7.6	32.8	23.8	On
EW-2006	1.1	1.5	1,644	5.6	28.8	24.0	On
EW-2007	1.7	2.0	2,462	7.5	24.7	24.0	On
EW-2008	0.7	1.2	1,115	2.4	23.6	24.0	On
EW-2009	1.1	1.2	1,626	3.2	24.0	24.0	On
EW-2010	0.3	4.0	288	6.6	22.9	15.7	On
EW-2011	0.0	0.7	342	9.5	21.3	17.4	Off
EW-2012	0.0	0.5	103	12.9	14.1	5.9	Off
EW-2013	0.4	0.6	310	17.5	14.2	14.8	On
EW-2014	1.0	1.6	1,390	12.9	17.2	24.0	On
EW-2015	0.4	0.7	589	12.4	13.7	23.8	On
EW-2016	0.5	0.7	734	11.2	---	24.0	On
EW-2017	1.3	1.6	1,905	12.1	---	24.0	On
EW-2018	0.6	1.5	891	10.9	---	24.0	On
EW-2019	0.0	0.5	184	11.8	---	9.8	Off
EW-2020	0.0	0.5	323	10.2	---	16.4	Off
EW-2021	0.0	1.8	102	19.3	---	5.4	Off
EW-2022	0.4	0.6	440	11.5	---	19.6	On
EW-2023	0.0	0.7	438	11.3	---	16.8	Off
EW-2024	0.3	5.4	299	10.6	---	15.4	On
EW-2025	0.8	1.5	1,166	10.8	---	24.0	On
EW-2026	0.6	1.4	929	9.5	---	24.0	On
EW-2027	0.8	1.5	1,094	9.3	---	24.0	On
EW-2028	0.8	1.4	1,055	8.8	---	24.0	On
EW-2029	0.9	1.5	1,263	7.3	---	24.0	On
EW-2030	1.4	2.0	2,024	9.7	---	24.0	On
EW-2031	1.4	2.0	2,035	10.8	---	24.0	On
EW-2032	0.5	1.2	673	8.9	---	24.0	On
EW-2033	0.5	1.3	705	9.4	---	24.0	On
EW-2034	0.8	1.1	1,070	7.9	22.0	24.0	On
EW-2035	1.1	1.5	1,645	6.5	22.5	24.0	On
EW-2036	0.7	1.8	962	13.0	30.3	24.0	On
EW-2037	0.9	1.9	1,229	3.8	33.4	24.0	On
EW-2101	20.1	20.2	28,821	14.5	42.8	24.0	On
EW-2102	20.1	20.2	28,750	16.5	51.2	24.0	On
EW-2103	0.0	7.9	46	15.1	34.4	0.2	Off
EW-2104	43.9	44.3	61,765	13.1	59.6	24.0	On
EW-3001	0.0	0.0	0	1.8	13.9	0.0	Off
EW-3002	0.3	0.6	321	2.3	12.8	16.2	On
EW-3003	0.0	0.0	0	3.8	12.9	0.0	Off

Daily Log

February 8, 2016 12AM to February 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.0	1.9	1,050	0.4	---	9.4	Off
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.7	2.1	2,359	-3.7	---	24.0	On
EW-3008	0.4	0.6	463	-0.3	---	24.0	On
EW-3009	4.2	4.3	5,474	-2.0	---	24.0	On
EW-3010	1.1	1.6	1,466	-2.2	---	24.0	On
EW-3011	0.7	0.8	764	-0.1	20.9	20.8	On
EW-3012	0.6	1.3	922	-6.2	23.6	24.0	On
EW-3013	1.0	1.5	1,491	-6.5	28.8	24.0	On
EW-3014	0.3	0.4	127	-3.9	32.2	7.5	On
EW-3015	1.2	1.6	1,710	-6.3	36.0	24.0	On
EW-3016	0.8	1.1	1,173	-6.7	40.1	24.0	On
EW-3017	0.3	1.0	204	-7.1	41.2	10.4	On
EW-3018	0.0	0.6	120	-9.1	40.9	6.4	Off
EW-3019	0.9	1.3	1,356	-3.1	41.9	24.0	On
EW-3020	3.6	4.0	5,205	-2.0	48.1	24.0	On
EW-3021	0.5	3.6	508	-0.1	27.0	23.5	On
EW-3022	0.6	1.6	870	-2.6	33.7	24.0	On
EW-3023	1.6	1.9	2,176	0.4	22.2	24.0	On
EW-3024	0.4	0.7	566	1.4	---	24.0	On
EW-3025	2.1	2.4	2,941	-1.2	35.7	24.0	On
EW-3026	2.5	2.7	3,466	-2.8	36.3	24.0	On
EW-3027	0.4	0.5	270	0.3	---	14.5	On
EW-4001	3.1	3.6	4,314	-1.6	31.0	24.0	On
EW-4002	2.2	2.6	3,163	-47.2	14.3	24.0	On
EW-4003	2.2	2.3	2,898	-22.6	---	24.0	On
EW-4004	1.7	1.8	2,314	-10.3	17.2	24.0	On
EW-4005	1.8	1.8	2,632	-12.4	---	24.0	On
EW-4006	1.5	2.3	2,168	-51.1	31.0	24.0	On
EW-4007	1.1	1.3	1,415	-2.8	34.8	24.0	On
EW-4008	3.1	4.0	4,307	-12.9	35.5	24.0	On
EW-4009	0.9	0.9	1,178	-20.8	30.4	24.0	On
EW-4010	2.1	2.4	2,975	2.0	45.2	24.0	On
EW-4011	2.1	2.5	2,997	-20.2	44.7	24.0	On
EW-5001	2.2	2.2	2,891	-24.8	---	24.0	On
EW-5002	0.0	3.0	20	7.6	22.8	0.2	Off
EW Totals	**159.6**		**225,579**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	223.4	172 GPM
FIT-500	0 GPM	232.9	196 GPM
Effluent Temp	95.6 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 8, 2016 12AM to February 9, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 8, 2016 12AM to February 9, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,107.4 µS
Outlet Conductivity	CIT-642	762.2 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	83.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 9, 2016 12AM to February 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	4.8	2,534	1.8	48.2	23.6	On
EW-2002	0.8	5.2	1,133	5.6	47.4	23.6	On
EW-2003	1.3	4.1	1,858	4.8	43.6	23.6	On
EW-2004	0.5	3.7	735	8.1	35.4	23.3	On
EW-2005	0.4	5.1	563	7.8	33.3	23.4	On
EW-2006	1.1	5.6	1,623	5.9	29.8	23.6	On
EW-2007	1.7	4.8	2,432	7.6	26.0	23.6	On
EW-2008	0.8	5.8	1,101	2.4	25.3	23.2	On
EW-2009	1.2	4.9	1,285	3.2	25.5	18.4	On
EW-2010	0.0	0.9	287	5.4	24.6	15.7	Off
EW-2011	0.4	0.8	342	8.1	23.2	17.3	On
EW-2012	0.0	3.1	121	12.7	15.5	6.6	Off
EW-2013	0.0	0.9	303	18.3	15.5	14.3	Off
EW-2014	1.0	5.7	1,383	13.0	18.8	23.6	On
EW-2015	0.4	4.6	582	11.7	15.4	23.2	On
EW-2016	0.5	0.7	744	10.4	---	23.6	On
EW-2017	1.3	4.4	1,897	12.1	---	23.6	On
EW-2018	0.5	7.5	885	11.1	---	23.6	On
EW-2019	0.0	0.4	182	13.3	---	9.8	Off
EW-2020	0.0	0.6	321	12.0	---	16.6	Off
EW-2021	0.3	2.1	183	13.4	---	9.5	On
EW-2022	0.4	0.6	432	11.7	---	19.8	On
EW-2023	0.4	0.7	431	12.7	---	16.8	On
EW-2024	0.0	0.7	298	10.9	---	16.3	Off
EW-2025	0.8	7.2	1,157	10.9	---	23.6	On
EW-2026	0.6	7.2	921	9.6	---	23.6	On
EW-2027	0.7	7.2	1,085	9.5	---	23.6	On
EW-2028	0.7	7.2	1,048	9.0	---	23.6	On
EW-2029	0.8	7.2	1,255	7.5	---	23.6	On
EW-2030	1.4	7.2	2,005	9.8	---	23.6	On
EW-2031	1.4	7.5	2,011	10.9	---	23.6	On
EW-2032	0.4	7.1	671	9.1	---	23.6	On
EW-2033	0.4	3.7	689	9.5	---	22.0	On
EW-2034	0.7	5.4	1,060	7.9	23.6	23.6	On
EW-2035	1.2	2.6	1,633	6.5	24.0	23.6	On
EW-2036	0.7	4.7	949	13.2	29.7	23.6	On
EW-2037	0.8	5.8	1,210	3.8	34.0	23.6	On
EW-2101	20.1	21.1	28,415	14.5	46.2	23.6	On
EW-2102	19.9	20.3	28,392	16.5	54.5	23.6	On
EW-2103	0.0	0.0	0	15.1	34.9	0.0	Off
EW-2104	43.8	44.5	61,965	13.0	60.1	23.5	On
EW-3001	0.0	0.0	0	1.7	15.3	0.0	Off
EW-3002	0.0	0.7	325	2.4	14.3	16.9	Off
EW-3003	0.0	0.0	0	3.8	14.5	0.0	Off

Daily Log

February 9, 2016 12AM to February 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	5	1.3	---	0.3	Off
EW-3005	1.8	1.9	1,614	-2.2	---	15.0	On
EW-3006	0.0	0.4	2	0.4	---	0.1	Off
EW-3007	1.5	5.4	2,278	-3.7	---	23.6	On
EW-3008	0.3	0.6	483	-0.7	---	23.6	On
EW-3009	3.2	6.7	5,289	-1.8	---	23.6	On
EW-3010	1.0	5.7	1,438	-2.1	---	23.6	On
EW-3011	0.5	0.8	660	0.2	22.5	17.8	On
EW-3012	0.6	5.6	917	-6.0	25.2	23.6	On
EW-3013	1.0	5.3	1,480	-6.2	30.4	23.6	On
EW-3014	0.3	5.0	126	-4.1	34.1	7.3	On
EW-3015	1.2	5.0	1,691	-6.0	38.7	23.6	On
EW-3016	0.9	3.0	1,202	-7.3	43.3	23.5	On
EW-3017	0.3	0.8	201	-6.2	44.6	10.4	On
EW-3018	0.0	0.6	120	-9.6	44.3	6.3	Off
EW-3019	1.0	3.4	1,339	-2.9	45.2	23.6	On
EW-3020	3.6	5.8	5,128	-1.8	47.6	23.6	On
EW-3021	0.4	0.9	527	-0.4	30.1	22.9	On
EW-3022	0.5	5.8	831	-2.6	39.7	23.5	On
EW-3023	1.6	5.2	2,173	0.5	23.8	23.5	On
EW-3024	0.4	0.7	577	1.1	---	23.6	On
EW-3025	2.7	6.4	3,399	-4.4	43.0	22.0	On
EW-3026	3.6	4.1	3,456	-8.0	44.7	18.9	On
EW-3027	0.0	0.6	249	0.0	---	12.1	Off
EW-4001	1.9	3.6	3,560	1.0	30.1	23.6	On
EW-4002	2.2	6.4	3,143	-47.1	15.8	23.6	On
EW-4003	2.0	3.1	2,823	-21.8	---	23.6	On
EW-4004	1.6	1.9	2,327	-9.5	18.7	23.6	On
EW-4005	2.0	2.3	2,467	-11.0	---	21.6	On
EW-4006	1.5	5.4	2,156	-50.9	36.0	23.6	On
EW-4007	1.0	1.4	1,425	-1.9	40.8	23.6	On
EW-4008	2.0	4.0	3,597	-6.2	35.6	23.6	On
EW-4009	0.8	1.0	1,171	-20.2	31.9	23.6	On
EW-4010	2.0	2.6	2,961	2.6	45.1	23.6	On
EW-4011	2.0	2.5	2,945	-18.2	44.6	23.6	On
EW-5001	2.0	2.3	2,838	-24.1	---	23.6	On
EW-5002	0.0	0.1	0	7.6	24.5	0.0	Off
EW Totals	**156.6**		**223,042**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	221.4	195 GPM
FIT-500	186 GPM	219.5	197 GPM
Effluent Temp	96.3 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

February 9, 2016 12AM to February 10, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 9, 2016 12AM to February 10, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,108.5 µS
Outlet Conductivity	CIT-642	784.7 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.9
Recharge Tank Temp	TIT-660C	81.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 10, 2016 12AM to February 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	4.4	2,564	1.6	48.2	23.9	On
EW-2002	0.7	4.3	1,132	5.5	47.3	23.9	On
EW-2003	1.3	3.6	1,852	4.6	43.5	23.9	On
EW-2004	0.5	0.7	718	7.2	35.3	23.9	On
EW-2005	0.3	0.7	558	7.7	33.3	23.7	On
EW-2006	1.0	5.3	1,605	5.8	30.1	23.9	On
EW-2007	1.6	4.9	2,432	7.7	26.5	23.8	On
EW-2008	0.8	4.0	1,109	2.6	26.2	23.8	On
EW-2009	1.1	4.4	1,658	3.4	26.5	23.7	On
EW-2010	0.3	0.7	285	5.8	25.5	15.3	On
EW-2011	0.3	0.7	339	8.8	24.0	17.0	On
EW-2012	0.3	0.6	167	10.9	17.2	8.2	On
EW-2013	0.3	0.6	303	17.2	17.6	14.2	On
EW-2014	0.8	5.2	1,391	13.3	19.7	23.9	On
EW-2015	0.3	0.7	591	13.1	16.6	23.2	On
EW-2016	0.4	0.7	757	10.4	---	23.9	On
EW-2017	1.2	4.4	1,921	12.3	---	23.9	On
EW-2018	0.6	3.9	887	11.3	---	23.9	On
EW-2019	0.3	0.6	183	12.5	---	9.7	On
EW-2020	0.0	0.6	323	11.5	---	16.2	Off
EW-2021	0.3	0.5	276	12.1	---	14.2	On
EW-2022	0.3	0.6	430	12.8	---	18.7	On
EW-2023	0.4	0.7	433	12.9	---	16.7	On
EW-2024	0.3	0.6	297	10.0	---	14.7	On
EW-2025	0.8	4.2	1,157	11.2	---	23.9	On
EW-2026	0.7	4.0	925	9.8	---	23.9	On
EW-2027	0.7	4.6	1,084	9.7	---	23.9	On
EW-2028	0.7	4.4	1,043	9.2	---	23.9	On
EW-2029	0.9	4.8	1,258	7.7	---	23.9	On
EW-2030	1.1	7.1	2,018	10.1	---	23.9	On
EW-2031	1.1	7.3	2,017	11.2	---	23.9	On
EW-2032	0.5	3.1	671	9.3	---	23.9	On
EW-2033	0.5	2.9	708	9.7	---	23.9	On
EW-2034	0.5	4.1	1,058	8.2	24.1	23.9	On
EW-2035	1.1	2.8	1,641	6.5	24.3	23.9	On
EW-2036	0.5	4.7	948	13.3	30.3	23.8	On
EW-2037	0.7	5.9	1,203	4.1	35.0	23.8	On
EW-2101	19.9	20.9	28,644	14.4	47.9	23.9	On
EW-2102	19.8	20.5	28,609	16.4	55.9	23.9	On
EW-2103	0.0	5.2	30	15.1	35.7	0.1	Off
EW-2104	43.7	45.3	62,674	13.0	60.6	23.8	On
EW-3001	0.0	0.0	0	1.7	17.0	0.0	Off
EW-3002	0.3	0.5	231	1.7	15.8	11.9	On
EW-3003	0.0	0.0	0	3.8	15.5	0.0	Off

Daily Log

February 10, 2016 12AM to February 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	1	1.3	---	0.1	Off
EW-3005	1.7	1.8	2,485	-2.2	---	23.8	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.3	5.3	2,115	-3.4	---	23.8	On
EW-3008	0.2	0.5	487	-0.7	---	23.8	On
EW-3009	3.2	6.9	4,705	-1.8	---	23.8	On
EW-3010	0.9	5.8	1,335	-1.8	---	23.8	On
EW-3011	0.0	0.8	397	1.0	23.2	12.1	On
EW-3012	0.6	5.7	914	-5.8	25.7	23.8	On
EW-3013	0.9	5.4	1,470	-6.1	31.0	23.8	On
EW-3014	0.3	0.5	125	-3.7	34.9	7.3	On
EW-3015	1.0	5.1	1,681	-6.1	39.8	23.8	On
EW-3016	0.8	2.8	1,259	-7.6	44.9	23.8	On
EW-3017	0.3	0.8	202	-6.4	46.3	10.2	On
EW-3018	0.0	0.6	118	-9.0	45.9	6.2	Off
EW-3019	0.8	3.4	1,332	-2.8	46.8	23.8	On
EW-3020	3.7	6.4	5,211	-2.1	47.6	23.8	On
EW-3021	0.3	0.6	398	-0.1	30.7	19.5	On
EW-3022	0.4	4.7	667	-2.3	39.9	23.8	On
EW-3023	1.5	5.3	2,183	0.8	24.4	23.8	On
EW-3024	0.3	0.7	589	1.2	---	23.7	On
EW-3025	2.7	5.8	3,948	-4.5	43.2	23.8	On
EW-3026	3.8	3.9	5,272	-8.8	45.2	23.8	On
EW-3027	0.0	0.5	6	-0.1	---	0.4	Off
EW-4001	1.8	2.2	2,845	1.2	30.6	23.7	On
EW-4002	2.1	6.4	3,158	-46.8	17.4	23.7	On
EW-4003	1.8	2.7	2,858	-21.8	---	23.7	On
EW-4004	1.4	1.8	2,257	-9.6	19.5	23.7	On
EW-4005	1.8	2.2	2,825	-10.8	---	23.7	On
EW-4006	1.5	5.2	2,163	-50.8	36.3	23.7	On
EW-4007	0.9	1.1	1,419	-1.7	41.1	23.7	On
EW-4008	1.8	2.3	2,855	-5.8	36.3	23.7	On
EW-4009	0.7	1.0	1,169	-20.7	32.2	23.7	On
EW-4010	2.3	2.6	3,103	2.5	47.7	23.7	On
EW-4011	2.0	2.4	2,968	-17.9	47.1	23.7	On
EW-5001	1.8	2.2	2,843	-24.1	---	23.7	On
EW-5002	0.0	2.0	15	7.7	24.7	0.1	Off
EW Totals	**153.4**		**225,505**				

	Value	Total (KGal)	Peak Flow
FIT-100	152 GPM	224.6	197 GPM
FIT-500	187 GPM	234.8	198 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

February 10, 2016 12AM to February 11, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 10, 2016 12AM to February 11, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,108.5 µS
Outlet Conductivity	CIT-642	816.0 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.9
Recharge Tank Temp	TIT-660C	81.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 11, 2016 12AM to February 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,538	1.7	48.4	24.0	On
EW-2002	0.7	0.9	1,121	5.5	47.6	24.0	On
EW-2003	1.2	1.4	1,809	4.8	43.8	24.0	On
EW-2004	0.4	0.6	680	8.2	35.7	24.0	On
EW-2005	0.3	0.5	540	7.7	33.8	23.9	On
EW-2006	1.0	1.3	1,580	5.8	30.6	24.0	On
EW-2007	1.6	1.8	2,421	7.6	27.1	24.0	On
EW-2008	0.7	1.1	1,107	2.5	26.4	24.0	On
EW-2009	1.1	2.3	1,655	3.3	26.7	24.0	On
EW-2010	0.0	0.5	283	6.2	25.6	15.4	Off
EW-2011	0.3	0.5	339	8.3	24.2	17.2	On
EW-2012	0.3	0.5	137	13.0	18.0	7.3	On
EW-2013	0.3	0.6	296	18.5	18.1	13.8	On
EW-2014	0.9	1.3	1,387	13.3	20.2	24.0	On
EW-2015	0.4	0.6	590	11.9	17.1	23.4	On
EW-2016	0.5	0.7	763	10.6	---	24.0	On
EW-2017	1.2	1.5	1,907	12.2	---	24.0	On
EW-2018	0.6	1.3	883	11.3	---	24.0	On
EW-2019	0.0	0.4	182	13.0	---	9.8	Off
EW-2020	0.3	0.5	321	11.7	---	16.3	On
EW-2021	0.3	0.4	271	13.4	---	13.9	On
EW-2022	0.3	0.6	431	12.6	---	19.3	On
EW-2023	0.4	0.6	434	11.9	---	16.8	On
EW-2024	0.3	0.5	290	10.0	---	15.1	On
EW-2025	0.8	1.5	1,155	11.2	---	24.0	On
EW-2026	0.6	1.3	921	9.8	---	24.0	On
EW-2027	0.8	1.3	1,083	9.7	---	24.0	On
EW-2028	0.7	1.3	1,043	9.2	---	24.0	On
EW-2029	0.9	1.5	1,256	7.7	---	24.0	On
EW-2030	1.4	1.9	2,011	10.1	---	24.0	On
EW-2031	1.4	1.9	2,008	11.2	---	24.0	On
EW-2032	0.5	1.2	672	9.3	---	24.0	On
EW-2033	0.5	1.2	703	9.7	---	24.0	On
EW-2034	0.6	1.1	1,054	8.2	24.8	24.0	On
EW-2035	1.1	2.5	1,643	6.4	25.8	24.0	On
EW-2036	0.5	0.8	942	13.2	30.6	24.0	On
EW-2037	0.6	1.1	1,196	4.2	35.3	24.0	On
EW-2101	19.9	20.2	28,817	14.4	50.4	24.0	On
EW-2102	20.0	20.2	28,792	16.3	58.7	24.0	On
EW-2103	0.0	0.0	0	15.0	36.0	0.0	Off
EW-2104	43.5	44.2	62,899	12.9	60.5	24.0	On
EW-3001	0.0	0.0	0	1.9	17.8	0.0	Off
EW-3002	0.3	0.5	299	1.8	16.6	15.2	On
EW-3003	0.0	0.0	0	3.8	16.6	0.0	Off

Daily Log

February 11, 2016 12AM to February 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.8	1.7	1,812	-0.3	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.6	1.8	1,751	-0.8	---	24.0	On
EW-3008	0.3	0.6	486	-0.1	---	23.8	On
EW-3009	3.7	5.7	4,929	-1.5	---	23.9	On
EW-3010	1.0	1.4	1,418	-2.0	---	24.0	On
EW-3011	0.4	0.8	558	0.3	24.0	17.0	On
EW-3012	0.7	1.1	917	-5.8	26.5	24.0	On
EW-3013	0.8	1.4	1,469	-6.1	31.9	24.0	On
EW-3014	0.0	5.3	123	1.7	36.4	6.0	Off
EW-3015	1.0	1.6	1,681	-6.0	41.7	24.0	On
EW-3016	0.8	1.1	1,260	-7.6	47.4	24.0	On
EW-3017	0.0	0.8	201	-6.0	48.8	10.0	Off
EW-3018	0.0	0.6	117	-9.1	48.4	6.2	Off
EW-3019	0.9	1.3	1,330	-3.1	49.3	24.0	On
EW-3020	3.6	3.7	5,205	-1.8	47.8	24.0	On
EW-3021	0.3	0.6	466	0.2	28.8	21.5	On
EW-3022	0.5	1.6	707	-2.4	35.0	24.0	On
EW-3023	1.4	1.8	2,169	0.6	25.1	24.0	On
EW-3024	0.4	0.7	591	1.6	---	23.9	On
EW-3025	2.1	5.2	3,647	-1.9	37.1	24.0	On
EW-3026	2.5	4.4	4,885	-2.7	38.0	23.9	On
EW-3027	0.2	0.5	200	0.5	---	10.0	On
EW-4001	1.9	2.2	2,878	1.0	30.9	24.0	On
EW-4002	2.2	2.6	3,164	-46.8	18.2	24.0	On
EW-4003	1.8	2.2	2,916	-22.4	---	24.0	On
EW-4004	1.4	1.8	2,335	-9.9	20.2	24.0	On
EW-4005	1.8	2.2	2,885	-11.3	---	24.0	On
EW-4006	1.4	2.4	2,147	-50.9	32.6	24.0	On
EW-4007	0.9	1.4	1,432	-1.9	36.3	24.0	On
EW-4008	1.8	2.2	2,893	-6.0	36.5	24.0	On
EW-4009	0.7	0.9	1,203	-21.3	33.2	24.0	On
EW-4010	2.4	2.4	3,400	2.3	48.3	24.0	On
EW-4011	2.0	2.1	2,973	-18.9	47.7	24.0	On
EW-5001	1.8	2.2	2,905	-24.5	---	24.0	On
EW-5002	0.0	0.0	0	7.6	26.1	0.0	Off
EW Totals	**151.4**		**225,515**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	224.6	171 GPM
FIT-500	0 GPM	230.0	231 GPM
Effluent Temp	95.2 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 11, 2016 12AM to February 12, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 11, 2016 12AM to February 12, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	2.8
Permeate Flow	FIT-642	0 GPM	2.0
Concentrate Flow	FIT-643	0 GPM	0.8

Inlet Conductivity	CIT-630	1,049.5 µS
Outlet Conductivity	CIT-642	109.4 µS
Hours Run		0.5 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	86.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 12, 2016 12AM to February 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,541	1.5	47.4	24.0	On
EW-2002	0.8	0.9	1,119	5.7	46.6	24.0	On
EW-2003	1.2	1.4	1,809	4.8	42.7	24.0	On
EW-2004	0.5	0.6	709	7.3	34.6	24.0	On
EW-2005	0.4	0.5	559	7.5	32.5	23.9	On
EW-2006	1.1	1.3	1,561	5.9	29.1	24.0	On
EW-2007	1.6	1.8	2,395	7.8	25.3	24.0	On
EW-2008	0.8	0.9	1,103	2.5	25.3	24.0	On
EW-2009	1.2	1.3	1,646	3.3	25.6	24.0	On
EW-2010	0.4	0.5	283	6.2	24.5	15.5	On
EW-2011	0.4	0.5	337	9.1	23.0	17.1	On
EW-2012	0.0	0.5	126	13.2	14.8	6.8	Off
EW-2013	0.0	0.7	294	18.8	14.8	13.5	Off
EW-2014	1.1	1.2	1,381	13.2	17.7	24.0	On
EW-2015	0.5	0.6	586	11.7	14.3	23.0	On
EW-2016	0.6	0.8	769	10.5	---	23.9	On
EW-2017	1.3	1.5	1,875	12.4	---	24.0	On
EW-2018	0.9	1.2	885	10.9	---	24.0	On
EW-2019	0.0	0.5	183	12.5	---	9.9	Off
EW-2020	0.4	0.5	321	11.7	---	16.0	On
EW-2021	0.0	0.5	271	13.7	---	13.9	Off
EW-2022	0.5	0.6	432	11.4	---	18.9	On
EW-2023	0.0	0.7	435	11.3	---	16.8	Off
EW-2024	0.5	0.7	276	11.4	---	13.4	On
EW-2025	1.0	1.2	1,154	10.9	---	24.0	On
EW-2026	0.9	1.1	921	9.5	---	24.0	On
EW-2027	1.0	1.1	1,082	9.3	---	24.0	On
EW-2028	1.0	1.1	1,047	8.8	---	24.0	On
EW-2029	1.1	1.3	1,256	7.4	---	24.0	On
EW-2030	1.5	1.7	2,003	9.9	---	24.0	On
EW-2031	1.5	1.7	1,994	11.0	---	24.0	On
EW-2032	0.8	0.9	671	8.9	---	24.0	On
EW-2033	0.7	1.0	704	9.4	---	24.0	On
EW-2034	0.8	1.0	1,050	8.1	23.5	24.0	On
EW-2035	1.1	1.2	1,638	6.7	23.6	24.0	On
EW-2036	0.7	0.9	931	13.3	28.8	24.0	On
EW-2037	0.9	1.0	1,187	4.1	33.7	24.0	On
EW-2101	20.1	20.2	28,812	14.3	51.5	24.0	On
EW-2102	19.5	20.2	28,436	16.3	59.0	24.0	On
EW-2103	0.0	0.0	0	15.0	34.0	0.0	Off
EW-2104	43.6	44.1	62,857	12.9	59.1	24.0	On
EW-3001	0.0	0.0	0	1.9	14.7	0.0	Off
EW-3002	0.5	0.6	395	1.8	13.6	18.4	On
EW-3003	0.0	0.0	0	3.8	13.6	0.0	Off

Daily Log

February 12, 2016 12AM to February 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.9	0.9	1,209	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	1.2	1,283	-1.0	---	24.0	On
EW-3008	0.4	0.7	506	-0.1	---	24.0	On
EW-3009	3.9	4.0	5,526	-1.6	---	24.0	On
EW-3010	1.2	1.3	1,573	-2.2	---	24.0	On
EW-3011	0.6	0.7	514	0.0	22.4	16.4	On
EW-3012	0.8	1.1	917	-6.0	25.2	24.0	On
EW-3013	1.1	1.4	1,480	-6.2	31.1	24.0	On
EW-3014	0.4	5.5	110	-3.4	36.2	5.6	On
EW-3015	1.2	1.6	1,679	-6.0	42.1	24.0	On
EW-3016	0.9	1.0	1,258	-7.4	48.2	24.0	On
EW-3017	0.4	0.9	202	-7.3	49.8	10.4	On
EW-3018	0.0	0.6	118	-9.6	49.6	6.2	Off
EW-3019	1.0	1.2	1,320	-2.9	50.4	24.0	On
EW-3020	3.6	3.7	5,177	-2.1	46.9	24.0	On
EW-3021	0.4	0.5	586	0.1	26.7	23.9	On
EW-3022	0.6	1.3	858	-2.2	32.9	24.0	On
EW-3023	1.9	7.3	2,457	0.7	23.7	22.3	On
EW-3024	0.4	0.7	613	1.5	---	24.0	On
EW-3025	1.9	2.3	2,834	-1.1	34.9	24.0	On
EW-3026	2.5	2.9	3,652	-2.5	35.7	24.0	On
EW-3027	0.4	0.7	495	0.4	---	24.0	On
EW-4001	2.1	2.2	2,994	0.8	29.2	24.0	On
EW-4002	2.3	2.4	3,152	-47.0	15.1	24.0	On
EW-4003	2.1	2.3	2,982	-22.2	---	24.0	On
EW-4004	1.6	1.9	2,391	-9.8	18.1	24.0	On
EW-4005	2.1	2.3	2,987	-11.9	---	24.0	On
EW-4006	1.5	1.8	2,136	-50.9	30.6	24.0	On
EW-4007	1.0	1.2	1,466	-2.1	34.2	24.0	On
EW-4008	2.1	2.2	2,949	-6.3	34.5	24.0	On
EW-4009	0.8	1.0	1,203	-20.2	32.3	24.0	On
EW-4010	2.4	2.4	3,433	2.4	47.1	24.0	On
EW-4011	2.1	2.2	3,024	-20.0	46.5	24.0	On
EW-5001	2.0	2.3	2,977	-24.7	---	24.0	On
EW-5002	0.0	0.0	0	7.6	24.0	0.0	Off
EW Totals	**159.6**		**224,093**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	223.1	166 GPM
FIT-500	186 GPM	225.3	197 GPM
Effluent Temp	94.9 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 12, 2016 12AM to February 13, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 12, 2016 12AM to February 13, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,050.1 µS
Outlet Conductivity	CIT-642	317.7 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.9
Recharge Tank Temp	TIT-660C	82.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 13, 2016 12AM to February 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,518	1.6	46.8	24.0	On
EW-2002	0.8	0.9	1,107	5.7	46.0	24.0	On
EW-2003	1.2	1.3	1,788	4.8	42.2	24.0	On
EW-2004	0.5	0.6	683	7.5	34.0	24.0	On
EW-2005	0.4	0.5	551	7.9	31.9	23.9	On
EW-2006	1.0	1.2	1,523	5.8	28.5	24.0	On
EW-2007	1.6	1.8	2,379	7.7	24.7	24.0	On
EW-2008	0.8	0.9	1,100	2.5	24.6	24.0	On
EW-2009	1.2	1.3	1,640	3.4	24.9	24.0	On
EW-2010	0.4	0.5	282	5.4	23.8	15.5	On
EW-2011	0.4	0.5	337	8.5	22.3	17.1	On
EW-2012	0.4	0.5	152	11.6	15.3	8.1	On
EW-2013	0.4	0.6	291	18.5	15.4	13.4	On
EW-2014	1.0	1.3	1,382	13.1	17.4	24.0	On
EW-2015	0.5	0.6	572	12.9	14.1	22.6	On
EW-2016	0.6	0.7	772	10.3	---	23.8	On
EW-2017	1.3	1.5	1,863	12.2	---	24.0	On
EW-2018	0.7	1.3	884	10.9	---	24.0	On
EW-2019	0.4	0.4	182	11.6	---	9.9	On
EW-2020	0.4	0.4	321	10.5	---	16.3	On
EW-2021	0.3	0.4	270	11.7	---	14.1	On
EW-2022	0.5	0.6	424	12.4	---	19.0	On
EW-2023	0.5	0.6	431	12.6	---	16.5	On
EW-2024	0.5	0.6	275	11.3	---	13.6	On
EW-2025	1.0	1.3	1,152	10.8	---	24.0	On
EW-2026	0.9	1.2	922	9.4	---	24.0	On
EW-2027	0.8	1.3	1,076	9.3	---	24.0	On
EW-2028	0.7	1.3	1,043	8.8	---	24.0	On
EW-2029	1.1	1.4	1,254	7.3	---	24.0	On
EW-2030	1.5	1.9	1,999	9.9	---	24.0	On
EW-2031	1.5	1.9	1,984	11.0	---	24.0	On
EW-2032	0.5	1.1	676	8.9	---	24.0	On
EW-2033	0.7	1.1	707	9.4	---	24.0	On
EW-2034	0.7	1.0	1,048	8.2	22.7	24.0	On
EW-2035	1.1	1.2	1,636	6.7	22.8	24.0	On
EW-2036	0.6	0.8	923	13.3	28.5	24.0	On
EW-2037	0.9	1.1	1,180	4.1	33.5	24.0	On
EW-2101	20.0	20.1	28,818	14.3	51.1	24.0	On
EW-2102	19.4	19.8	27,791	16.3	58.6	24.0	On
EW-2103	0.0	0.0	0	15.0	33.8	0.0	Off
EW-2104	43.6	44.1	62,803	12.8	58.9	24.0	On
EW-3001	0.0	0.0	0	1.9	15.1	0.0	Off
EW-3002	0.5	0.5	408	1.7	13.8	19.2	On
EW-3003	0.0	0.0	0	3.8	13.6	0.0	Off

Daily Log

February 13, 2016 12AM to February 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.8	0.9	1,206	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	1.3	1,277	-1.0	---	24.0	On
EW-3008	0.4	0.5	511	-0.2	---	24.0	On
EW-3009	3.8	4.0	5,490	-1.6	---	24.0	On
EW-3010	1.2	1.5	1,539	-2.3	---	24.0	On
EW-3011	0.5	0.6	380	0.6	21.6	13.1	On
EW-3012	0.6	1.2	897	-5.8	24.4	24.0	On
EW-3013	1.0	1.3	1,472	-6.2	30.3	24.0	On
EW-3014	0.0	0.5	130	-2.5	35.5	7.3	Off
EW-3015	1.1	1.4	1,669	-6.1	41.5	24.0	On
EW-3016	0.9	1.0	1,252	-7.6	47.9	24.0	On
EW-3017	0.0	0.7	197	-5.1	49.4	10.2	Off
EW-3018	0.0	0.6	116	-8.9	49.2	6.0	Off
EW-3019	0.9	1.1	1,315	-3.0	50.0	24.0	On
EW-3020	3.6	3.7	5,148	-2.1	46.3	24.0	On
EW-3021	0.4	0.5	589	0.0	26.4	24.0	On
EW-3022	0.6	0.8	868	-2.2	32.6	24.0	On
EW-3023	2.1	2.3	2,848	0.7	22.9	24.0	On
EW-3024	0.5	0.6	629	1.4	---	24.0	On
EW-3025	1.8	2.0	2,621	-1.1	34.5	24.0	On
EW-3026	2.5	2.6	3,622	-2.6	35.4	24.0	On
EW-3027	0.4	0.5	508	0.4	---	24.0	On
EW-4001	2.1	2.2	2,964	0.8	28.9	24.0	On
EW-4002	2.3	2.5	3,151	-47.0	15.5	24.0	On
EW-4003	2.1	2.2	2,936	-22.8	---	24.0	On
EW-4004	1.7	1.8	2,342	-10.5	17.4	24.0	On
EW-4005	2.1	2.2	2,917	-12.2	---	24.0	On
EW-4006	1.5	1.6	2,129	-50.9	30.3	24.0	On
EW-4007	1.1	1.1	1,467	-2.2	33.9	24.0	On
EW-4008	2.0	2.2	2,900	-6.3	34.2	24.0	On
EW-4009	0.8	0.9	1,205	-20.9	31.5	24.0	On
EW-4010	2.4	2.4	3,433	2.5	46.9	24.0	On
EW-4011	2.1	2.2	3,019	-20.2	46.3	24.0	On
EW-5001	2.1	2.2	2,922	-25.1	---	24.0	On
EW-5002	0.0	0.0	0	7.6	23.3	0.0	Off
EW Totals	**159.2**		**222,814**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	221.8	164 GPM
FIT-500	187 GPM	228.1	198 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 13, 2016 12AM to February 14, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 13, 2016 12AM to February 14, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,050.4 µS
Outlet Conductivity	CIT-642	493.4 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.0
Recharge Tank Temp	TIT-660C	80.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 14, 2016 12AM to February 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.2	2,488	1.7	47.8	23.7	On
EW-2002	0.8	4.4	1,097	5.5	47.0	23.7	On
EW-2003	1.3	3.4	1,789	4.8	43.2	23.7	On
EW-2004	0.4	0.7	670	8.3	34.7	23.7	On
EW-2005	0.4	0.6	538	7.7	32.7	23.6	On
EW-2006	1.0	5.3	1,488	5.7	29.4	23.7	On
EW-2007	1.6	4.8	2,345	7.6	25.9	23.7	On
EW-2008	0.7	4.0	1,087	2.5	25.4	23.6	On
EW-2009	1.1	4.3	1,621	3.3	25.7	23.6	On
EW-2010	0.3	0.7	278	6.6	24.7	15.6	On
EW-2011	0.3	0.7	332	9.4	23.2	17.1	On
EW-2012	0.0	0.5	129	11.9	15.4	7.1	Off
EW-2013	0.0	0.7	287	17.6	15.4	13.1	Off
EW-2014	1.0	5.6	1,371	13.0	18.2	23.7	On
EW-2015	0.4	0.7	564	11.7	15.1	22.7	On
EW-2016	0.5	0.8	745	10.8	---	23.6	On
EW-2017	1.3	4.4	1,851	12.1	---	23.7	On
EW-2018	0.6	6.9	879	11.2	---	23.7	On
EW-2019	0.0	0.6	180	12.2	---	9.8	Off
EW-2020	0.0	0.6	314	12.1	---	16.1	Off
EW-2021	0.0	0.5	266	13.7	---	13.9	Off
EW-2022	0.4	0.7	423	11.3	---	19.3	On
EW-2023	0.0	0.7	427	12.7	---	16.6	Off
EW-2024	0.0	0.7	274	10.3	---	13.5	Off
EW-2025	0.8	7.1	1,140	10.9	---	23.7	On
EW-2026	0.6	7.1	902	9.6	---	23.7	On
EW-2027	0.7	7.3	1,069	9.5	---	23.7	On
EW-2028	0.7	7.2	1,032	9.0	---	23.7	On
EW-2029	0.8	7.3	1,241	7.6	---	23.7	On
EW-2030	1.4	7.3	1,983	9.8	---	23.7	On
EW-2031	1.3	7.6	1,956	10.9	---	23.7	On
EW-2032	0.4	6.0	665	9.2	---	23.7	On
EW-2033	0.5	3.8	677	9.7	---	20.8	On
EW-2034	0.7	5.8	1,040	8.0	25.1	23.7	On
EW-2035	1.1	2.8	1,621	6.6	24.0	23.7	On
EW-2036	0.6	4.7	913	13.1	28.9	23.6	On
EW-2037	0.8	6.0	1,165	3.8	33.2	23.6	On
EW-2101	24.1	25.6	29,266	13.9	60.5	23.7	On
EW-2102	17.6	20.2	25,982	16.4	64.5	23.7	On
EW-2103	0.0	0.0	0	15.0	34.2	0.0	Off
EW-2104	43.4	44.8	58,310	13.0	59.3	23.7	On
EW-3001	0.0	0.6	3	1.9	15.3	0.2	Off
EW-3002	0.3	0.6	425	2.1	14.2	19.6	On
EW-3003	0.0	0.5	4	3.8	14.3	0.2	Off

Daily Log

February 14, 2016 12AM to February 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	11	1.2	---	0.8	Off
EW-3005	0.9	1.9	1,217	-0.4	---	22.9	On
EW-3006	0.0	0.6	5	0.4	---	0.2	Off
EW-3007	1.0	5.6	1,283	-1.2	---	22.9	On
EW-3008	0.3	0.7	469	-0.1	---	22.9	On
EW-3009	3.9	7.0	5,372	-1.7	---	22.9	On
EW-3010	1.2	5.8	1,553	-2.4	---	22.8	On
EW-3011	0.4	0.9	396	0.0	24.1	13.8	On
EW-3012	0.6	6.0	880	-6.1	27.3	22.9	On
EW-3013	1.1	5.8	1,428	-6.5	33.9	22.9	On
EW-3014	0.0	0.8	133	-3.9	40.2	7.5	Off
EW-3015	1.2	5.9	1,617	-6.1	47.7	22.9	On
EW-3016	0.9	3.5	1,217	-7.4	55.2	22.9	On
EW-3017	0.3	0.9	200	-6.8	58.2	10.1	On
EW-3018	0.0	1.3	116	-9.5	57.9	6.0	Off
EW-3019	1.0	3.9	1,273	-3.0	58.7	22.9	On
EW-3020	3.5	6.3	4,906	-1.8	47.3	22.9	On
EW-3021	0.4	0.6	549	0.3	27.1	22.9	On
EW-3022	0.7	5.1	873	-2.6	33.6	22.9	On
EW-3023	2.0	7.2	2,768	0.4	25.4	22.9	On
EW-3024	0.4	0.7	568	1.5	---	22.9	On
EW-3025	1.8	5.8	2,551	-0.9	35.4	22.9	On
EW-3026	2.6	4.6	3,543	-2.4	36.3	22.9	On
EW-3027	0.3	0.6	460	0.4	---	22.9	On
EW-4001	1.9	2.5	2,762	1.5	29.4	22.7	On
EW-4002	2.2	7.0	3,048	-47.2	15.7	22.7	On
EW-4003	2.0	9.0	2,765	-21.3	---	22.7	On
EW-4004	1.6	1.8	2,179	-9.4	18.9	22.7	On
EW-4005	2.0	2.2	2,776	-11.0	---	22.7	On
EW-4006	1.5	6.3	2,083	-50.9	31.0	22.7	On
EW-4007	1.0	1.2	1,384	-1.3	34.7	22.7	On
EW-4008	1.9	2.6	2,716	-5.5	34.8	22.7	On
EW-4009	0.8	1.1	1,116	-18.8	34.9	22.7	On
EW-4010	2.0	2.6	3,101	3.0	44.0	22.7	On
EW-4011	2.0	2.3	2,847	-17.6	43.5	22.7	On
EW-5001	2.0	2.2	2,753	-23.7	---	22.7	On
EW-5002	0.0	0.0	0	7.8	24.4	0.0	Off
EW Totals	**154.9**		**213,756**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	213.0	163 GPM
FIT-500	0 GPM	216.0	200 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 14, 2016 12AM to February 15, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 14, 2016 12AM to February 15, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,052.1 µS
Outlet Conductivity	CIT-642	621.8 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.0
Recharge Tank Temp	TIT-660C	80.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 15, 2016 12AM to February 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.9	2,502	1.7	47.0	24.0	On
EW-2002	0.7	0.9	1,093	5.6	46.2	24.0	On
EW-2003	1.2	1.4	1,789	4.8	42.6	24.0	On
EW-2004	0.4	0.6	636	8.3	34.3	23.9	On
EW-2005	0.3	0.5	530	7.7	32.3	23.9	On
EW-2006	1.0	1.2	1,478	5.7	29.1	24.0	On
EW-2007	1.6	1.8	2,357	7.5	25.7	24.0	On
EW-2008	0.8	0.9	1,085	2.6	25.9	24.0	On
EW-2009	1.1	2.1	1,627	3.4	26.3	24.0	On
EW-2010	0.3	0.5	279	6.5	24.8	15.3	On
EW-2011	0.3	0.5	334	9.1	23.3	17.0	On
EW-2012	0.0	0.5	159	11.2	16.0	8.3	Off
EW-2013	0.0	0.5	282	18.1	16.0	13.3	Off
EW-2014	0.8	1.2	1,367	13.2	18.8	24.0	On
EW-2015	0.3	0.5	568	11.8	15.8	22.8	On
EW-2016	0.4	0.7	757	10.5	---	23.8	On
EW-2017	1.2	1.4	1,823	12.1	---	24.0	On
EW-2018	0.6	1.2	877	11.3	---	24.0	On
EW-2019	0.0	0.4	180	12.1	---	10.0	Off
EW-2020	0.0	0.4	314	11.6	---	16.3	Off
EW-2021	0.3	0.4	270	11.5	---	14.3	On
EW-2022	0.3	0.5	421	11.4	---	19.1	On
EW-2023	0.0	0.5	429	11.8	---	16.9	Off
EW-2024	0.3	0.5	268	11.8	---	13.3	On
EW-2025	0.8	1.2	1,138	11.2	---	24.0	On
EW-2026	0.6	1.1	900	9.8	---	24.0	On
EW-2027	0.7	1.2	1,068	9.7	---	24.0	On
EW-2028	0.7	1.2	1,032	9.2	---	24.0	On
EW-2029	0.9	1.3	1,241	7.7	---	24.0	On
EW-2030	1.1	1.7	1,981	10.1	---	24.0	On
EW-2031	1.2	1.7	1,947	11.2	---	24.0	On
EW-2032	0.4	1.0	661	9.3	---	24.0	On
EW-2033	0.5	1.0	693	9.7	---	24.0	On
EW-2034	0.6	1.1	1,034	8.2	24.1	24.0	On
EW-2035	1.1	1.4	1,629	6.6	23.7	24.0	On
EW-2036	0.6	0.9	910	13.2	29.4	24.0	On
EW-2037	0.7	1.0	1,160	4.1	33.6	24.0	On
EW-2101	20.0	29.1	31,006	14.1	54.3	23.9	On
EW-2102	19.3	23.3	27,087	16.2	62.2	23.9	On
EW-2103	0.0	5.2	70	14.9	34.7	0.2	Off
EW-2104	43.2	43.9	62,502	12.8	59.6	24.0	On
EW-3001	0.0	0.0	0	1.9	15.9	0.0	Off
EW-3002	0.3	0.5	407	2.3	14.9	18.9	On
EW-3003	0.0	0.0	0	3.8	15.0	0.0	Off

Daily Log

February 15, 2016 12AM to February 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.7	0.9	1,161	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.7	1.2	1,299	-0.9	---	24.0	On
EW-3008	0.2	0.5	509	0.0	---	24.0	On
EW-3009	3.7	4.0	5,510	-1.5	---	24.0	On
EW-3010	0.9	1.4	1,647	-2.0	---	24.0	On
EW-3011	0.0	0.6	251	0.5	23.2	8.7	Off
EW-3012	0.4	1.4	904	-5.8	26.1	24.0	On
EW-3013	0.9	1.9	1,477	-6.3	32.2	24.0	On
EW-3014	0.0	0.8	129	-2.8	37.8	7.4	Off
EW-3015	1.1	2.8	1,664	-6.2	44.2	24.0	On
EW-3016	0.8	1.8	1,249	-7.7	50.9	24.0	On
EW-3017	0.3	0.9	197	-5.5	52.8	10.1	On
EW-3018	0.0	1.3	116	-9.4	52.5	6.0	Off
EW-3019	0.9	2.3	1,305	-3.1	53.4	24.0	On
EW-3020	3.5	3.6	5,076	-1.8	46.5	24.0	On
EW-3021	0.3	0.5	579	0.3	27.4	23.9	On
EW-3022	0.6	0.8	930	-2.4	33.6	24.0	On
EW-3023	1.8	2.7	2,895	0.6	24.5	24.0	On
EW-3024	0.3	0.6	619	1.3	---	24.0	On
EW-3025	1.7	1.9	2,579	-0.9	35.2	24.0	On
EW-3026	2.6	2.7	3,745	-2.4	36.0	24.0	On
EW-3027	0.2	0.5	497	0.5	---	24.0	On
EW-4001	2.0	2.2	2,935	1.1	30.0	24.0	On
EW-4002	2.0	2.4	3,175	-46.9	16.2	24.0	On
EW-4003	1.9	2.2	2,962	-21.5	---	24.0	On
EW-4004	1.4	1.8	2,292	-9.4	18.9	24.0	On
EW-4005	1.8	2.2	2,922	-11.0	---	24.0	On
EW-4006	1.5	1.6	2,162	-51.0	31.1	24.0	On
EW-4007	1.0	1.1	1,464	-1.7	34.7	24.0	On
EW-4008	1.9	2.3	2,935	-5.9	35.2	24.0	On
EW-4009	0.7	1.2	1,190	-19.5	33.3	24.0	On
EW-4010	2.1	2.1	3,014	2.7	44.7	24.0	On
EW-4011	2.1	2.2	2,997	-19.3	44.4	24.0	On
EW-5001	1.8	2.2	2,915	-23.5	---	24.0	On
EW-5002	0.0	2.3	27	7.8	24.1	0.2	Off
EW Totals	**148.2**		**223,217**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	222.6	165 GPM
FIT-500	187 GPM	224.3	200 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 15, 2016 12AM to February 16, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 15, 2016 12AM to February 16, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,053.5 µS
Outlet Conductivity	CIT-642	680.6 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.0
Recharge Tank Temp	TIT-660C	80.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 16, 2016 12AM to February 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	5.5	2,522	1.6	45.9	23.9	On
EW-2002	0.7	4.7	1,097	5.6	45.1	23.8	On
EW-2003	1.2	2.9	1,779	4.8	41.4	23.9	On
EW-2004	0.5	1.6	674	7.4	33.4	23.8	On
EW-2005	0.3	0.5	517	7.6	31.2	23.5	On
EW-2006	0.9	5.5	1,450	5.8	27.9	23.8	On
EW-2007	1.6	4.7	2,349	7.6	24.5	23.9	On
EW-2008	0.7	3.8	1,117	2.6	24.3	24.0	On
EW-2009	1.1	4.3	1,656	3.4	24.6	23.9	On
EW-2010	0.3	0.6	291	5.6	23.5	15.9	On
EW-2011	0.3	0.7	340	8.8	22.0	17.4	On
EW-2012	0.0	0.6	166	12.7	15.2	8.9	Off
EW-2013	0.3	0.6	283	18.9	15.2	13.5	On
EW-2014	0.8	1.7	1,364	13.1	17.7	24.0	On
EW-2015	0.3	0.9	552	13.7	14.6	22.1	On
EW-2016	0.4	0.7	754	10.1	---	23.4	On
EW-2017	1.2	1.5	1,836	12.1	---	24.0	On
EW-2018	0.6	1.2	880	11.3	---	24.0	On
EW-2019	0.0	0.4	179	12.7	---	9.8	Off
EW-2020	0.0	0.5	312	11.9	---	16.1	Off
EW-2021	0.3	0.5	265	13.7	---	14.0	On
EW-2022	0.3	0.6	417	13.0	---	18.8	On
EW-2023	0.0	0.6	425	12.9	---	16.8	Off
EW-2024	0.0	0.6	269	12.0	---	13.1	Off
EW-2025	0.7	1.3	1,141	11.2	---	24.0	On
EW-2026	0.6	1.2	898	9.8	---	24.0	On
EW-2027	0.7	1.3	1,074	9.7	---	24.0	On
EW-2028	0.7	1.3	1,037	9.2	---	24.0	On
EW-2029	0.8	1.4	1,243	7.7	---	24.0	On
EW-2030	1.2	1.8	1,980	9.9	---	24.0	On
EW-2031	1.2	1.8	1,961	11.1	---	24.0	On
EW-2032	0.5	1.1	657	9.3	---	24.0	On
EW-2033	0.3	1.1	695	9.7	---	24.0	On
EW-2034	0.6	5.3	1,040	8.1	23.1	23.7	On
EW-2035	1.1	2.6	1,632	6.6	22.4	23.9	On
EW-2036	0.6	4.3	929	13.1	28.6	24.0	On
EW-2037	0.7	2.0	1,187	4.0	33.0	24.0	On
EW-2101	20.0	20.7	28,701	14.1	54.3	23.9	On
EW-2102	19.0	20.2	27,541	16.2	61.5	23.9	On
EW-2103	0.0	2.3	0	14.9	33.7	0.0	Off
EW-2104	43.4	43.8	62,405	12.7	59.4	24.0	On
EW-3001	0.0	0.0	0	1.8	15.0	0.0	Off
EW-3002	0.3	0.6	421	1.9	13.7	19.4	On
EW-3003	0.0	0.0	0	3.8	13.7	0.0	Off

Daily Log

February 16, 2016 12AM to February 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.8	0.8	1,150	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.7	1.3	1,276	-1.0	---	24.0	On
EW-3008	0.3	0.6	532	-0.2	---	24.0	On
EW-3009	3.7	4.1	5,432	-1.6	---	24.0	On
EW-3010	1.0	1.5	1,645	-2.1	---	24.0	On
EW-3011	0.0	0.7	226	0.9	22.3	7.9	Off
EW-3012	0.5	5.7	903	-5.8	25.2	23.6	On
EW-3013	1.0	5.0	1,475	-6.3	31.5	23.9	On
EW-3014	0.0	0.5	135	-3.5	37.3	7.7	Off
EW-3015	1.1	5.2	1,661	-6.3	44.0	23.8	On
EW-3016	0.9	2.6	1,243	-7.7	50.6	23.9	On
EW-3017	0.0	0.8	199	-6.3	52.4	10.3	Off
EW-3018	0.0	1.3	116	-9.2	52.2	6.0	Off
EW-3019	0.8	3.5	1,308	-3.0	52.9	23.8	On
EW-3020	3.5	6.6	5,063	-2.1	45.4	23.9	On
EW-3021	0.4	0.9	585	0.0	26.5	23.9	On
EW-3022	0.6	3.9	935	-2.5	32.9	24.0	On
EW-3023	1.9	6.8	2,895	0.8	23.6	23.9	On
EW-3024	0.3	0.7	649	1.1	---	24.0	On
EW-3025	1.8	4.6	2,632	-1.1	34.6	24.0	On
EW-3026	2.6	4.1	3,762	-2.7	35.6	24.0	On
EW-3027	0.2	0.6	522	0.4	---	24.0	On
EW-4001	2.1	2.4	3,058	0.9	29.1	24.0	On
EW-4002	2.1	2.6	3,167	-46.8	15.4	24.0	On
EW-4003	1.9	2.3	2,971	-22.6	---	24.0	On
EW-4004	1.6	2.2	2,452	-11.5	17.6	24.0	On
EW-4005	1.8	2.3	2,835	-11.3	---	24.0	On
EW-4006	1.4	4.4	2,152	-51.0	30.4	24.0	On
EW-4007	1.0	1.3	1,528	-2.2	34.1	24.0	On
EW-4008	2.0	2.7	2,973	-6.3	34.5	24.0	On
EW-4009	0.8	2.0	1,197	-20.5	32.6	23.9	On
EW-4010	2.2	2.5	3,130	2.8	44.9	24.0	On
EW-4011	2.1	2.5	3,084	-20.4	44.5	24.0	On
EW-5001	1.9	2.3	2,915	-24.1	---	24.0	On
EW-5002	0.0	0.0	0	7.8	22.8	0.0	Off
EW Totals	**149.2**		**221,843**				

	Value	Total (KGal)	Peak Flow
FIT-100	149 GPM	221.2	174 GPM
FIT-500	188 GPM	227.5	198 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 16, 2016 12AM to February 17, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 16, 2016 12AM to February 17, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,053.5 µS
Outlet Conductivity	CIT-642	687.2 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.1
Recharge Tank Temp	TIT-660C	80.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 17, 2016 12AM to February 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	4.2	2,493	1.4	50.7	23.6	On
EW-2002	0.8	4.1	1,088	5.3	49.9	23.6	On
EW-2003	1.3	2.5	1,744	4.4	45.6	23.6	On
EW-2004	0.6	0.7	657	7.9	36.6	23.6	On
EW-2005	0.5	0.6	529	8.1	34.3	23.6	On
EW-2006	1.1	4.5	1,423	5.6	30.6	23.6	On
EW-2007	1.7	4.5	2,306	7.4	26.4	23.6	On
EW-2008	0.8	3.8	1,097	2.4	25.2	23.6	On
EW-2009	1.2	4.2	1,635	3.2	25.1	23.6	On
EW-2010	0.0	0.7	286	5.9	24.1	15.6	Off
EW-2011	0.0	0.6	337	8.2	22.9	17.1	Off
EW-2012	0.0	0.6	165	11.5	16.0	9.1	Off
EW-2013	0.0	0.6	282	17.9	16.1	13.6	Off
EW-2014	1.0	5.4	1,352	12.9	19.1	23.6	On
EW-2015	0.4	0.6	546	13.9	15.8	22.1	On
EW-2016	0.5	0.7	745	12.9	---	23.1	On
EW-2017	1.4	4.3	1,866	12.0	---	23.6	On
EW-2018	0.6	7.2	872	10.9	---	23.6	On
EW-2019	0.0	0.6	180	12.3	---	9.9	Off
EW-2020	0.4	0.6	312	10.5	---	16.3	On
EW-2021	0.0	0.5	267	11.9	---	14.2	Off
EW-2022	0.4	0.6	416	12.8	---	19.0	On
EW-2023	0.5	0.7	425	11.1	---	16.9	On
EW-2024	0.0	0.6	270	10.0	---	13.4	Off
EW-2025	0.8	6.9	1,133	10.8	---	23.6	On
EW-2026	0.6	6.9	895	9.4	---	23.6	On
EW-2027	0.8	7.0	1,073	9.3	---	23.6	On
EW-2028	0.8	6.9	1,037	8.8	---	23.6	On
EW-2029	0.9	6.9	1,237	7.4	---	23.6	On
EW-2030	1.4	7.0	1,967	9.7	---	23.6	On
EW-2031	1.4	7.2	1,959	10.8	---	23.6	On
EW-2032	0.5	6.6	661	8.9	---	23.6	On
EW-2033	0.0	3.7	689	12.0	---	23.3	Off
EW-2034	0.7	5.2	1,036	7.9	24.8	23.6	On
EW-2035	1.2	2.6	1,612	6.4	23.9	23.6	On
EW-2036	0.7	4.6	927	13.0	30.4	23.6	On
EW-2037	0.8	5.8	1,179	3.8	35.1	23.6	On
EW-2101	20.1	21.2	28,392	14.3	56.5	23.6	On
EW-2102	18.5	19.5	26,537	16.4	63.5	23.5	On
EW-2103	0.0	0.0	0	14.9	35.4	0.0	Off
EW-2104	43.2	44.4	61,583	13.0	60.3	23.6	On
EW-3001	0.0	0.0	0	2.4	15.9	0.0	Off
EW-3002	0.5	0.5	410	2.1	14.8	19.3	On
EW-3003	0.0	0.0	0	3.8	14.9	0.0	Off

Daily Log

February 17, 2016 12AM to February 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	5	1.6	---	0.3	Off
EW-3005	1.2	1.9	1,154	-0.5	---	23.6	On
EW-3006	0.0	0.5	2	0.4	---	0.1	Off
EW-3007	1.1	5.5	1,253	-1.2	---	23.6	On
EW-3008	0.3	0.5	524	0.2	---	23.6	On
EW-3009	4.4	6.8	5,312	-1.8	---	23.6	On
EW-3010	1.3	5.7	1,632	-2.4	---	23.6	On
EW-3011	0.6	0.6	199	0.3	23.8	7.3	On
EW-3012	0.7	5.5	899	-6.2	26.9	23.6	On
EW-3013	1.1	5.1	1,453	-6.5	33.4	23.6	On
EW-3014	0.0	0.8	129	-2.9	39.3	7.4	Off
EW-3015	1.2	5.5	1,642	-6.3	46.1	23.5	On
EW-3016	0.9	2.5	1,234	-7.7	53.0	23.6	On
EW-3017	0.0	0.9	199	-7.2	54.7	10.3	Off
EW-3018	0.0	0.6	115	-8.9	54.5	6.0	Off
EW-3019	0.9	3.1	1,292	-3.2	55.5	23.6	On
EW-3020	3.7	5.4	4,993	-2.2	50.1	23.6	On
EW-3021	0.5	0.5	566	0.8	29.3	23.6	On
EW-3022	0.8	4.8	909	-2.6	37.2	23.6	On
EW-3023	2.2	6.9	2,886	0.4	25.2	23.6	On
EW-3024	0.4	0.6	631	2.2	---	23.6	On
EW-3025	2.1	5.4	2,542	-1.2	39.4	23.6	On
EW-3026	2.9	3.9	3,689	-2.7	40.5	23.6	On
EW-3027	0.4	0.5	517	0.8	---	23.6	On
EW-4001	2.2	2.2	2,977	1.3	30.9	23.5	On
EW-4002	2.2	6.5	3,132	-47.2	16.3	23.5	On
EW-4003	1.9	3.4	2,920	-15.1	---	23.5	On
EW-4004	1.7	1.8	2,352	-7.3	18.7	23.5	On
EW-4005	1.9	2.1	2,799	-7.8	---	23.5	On
EW-4006	1.5	4.8	2,132	-51.2	34.1	23.5	On
EW-4007	1.1	1.1	1,501	-1.5	38.3	23.5	On
EW-4008	2.1	2.2	2,908	-5.1	36.1	23.5	On
EW-4009	0.9	1.2	1,176	-12.4	34.3	23.5	On
EW-4010	2.4	2.7	2,987	3.0	48.0	23.5	On
EW-4011	2.0	2.2	3,052	-11.5	47.3	23.5	On
EW-5001	1.9	2.2	2,851	-18.9	---	23.5	On
EW-5002	0.0	0.0	0	7.8	24.4	0.0	Off
EW Totals	**156.6**		**218,185**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	217.2	203 GPM
FIT-500	0 GPM	216.2	197 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

February 17, 2016 12AM to February 18, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 17, 2016 12AM to February 18, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,055.3 µS
Outlet Conductivity	CIT-642	707.2 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	6.1
Recharge Tank Temp	TIT-660C	79.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 18, 2016 12AM to February 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.3	2,532	1.7	45.4	23.9	On
EW-2002	0.8	4.1	1,106	5.4	44.7	23.9	On
EW-2003	1.2	2.8	1,775	4.8	40.8	23.9	On
EW-2004	0.5	0.7	700	7.5	32.8	23.9	On
EW-2005	0.4	0.7	518	7.8	30.6	23.8	On
EW-2006	1.0	5.1	1,424	5.7	27.4	23.9	On
EW-2007	1.6	4.9	2,335	7.5	23.8	23.9	On
EW-2008	0.7	4.0	1,116	2.5	23.3	23.9	On
EW-2009	1.1	4.3	1,639	3.3	23.6	23.9	On
EW-2010	0.3	0.7	284	6.7	22.6	15.4	On
EW-2011	0.3	0.7	335	9.4	21.1	17.0	On
EW-2012	0.0	0.4	121	10.9	14.1	6.9	Off
EW-2013	0.3	0.5	279	18.9	14.2	13.6	On
EW-2014	1.0	3.8	1,355	13.1	17.3	24.0	On
EW-2015	0.5	0.6	556	11.9	13.8	22.4	On
EW-2016	0.6	0.6	757	10.2	---	23.8	On
EW-2017	1.3	4.3	1,882	12.2	---	23.9	On
EW-2018	0.6	2.5	875	10.9	---	24.0	On
EW-2019	0.3	0.4	179	12.5	---	9.7	On
EW-2020	0.3	0.5	310	11.9	---	16.1	On
EW-2021	0.3	0.4	264	13.2	---	14.0	On
EW-2022	0.0	0.5	422	11.9	---	18.9	Off
EW-2023	0.4	0.6	425	12.7	---	16.8	On
EW-2024	0.0	0.5	266	10.4	---	12.7	Off
EW-2025	0.8	3.0	1,139	10.8	---	24.0	On
EW-2026	0.6	2.6	900	9.4	---	24.0	On
EW-2027	0.8	3.0	1,074	9.3	---	24.0	On
EW-2028	0.7	3.0	1,036	8.8	---	24.0	On
EW-2029	0.8	3.4	1,242	7.3	---	24.0	On
EW-2030	1.5	5.3	1,984	9.7	---	24.0	On
EW-2031	1.4	5.4	1,960	10.8	---	24.0	On
EW-2032	0.5	1.7	652	8.9	---	24.0	On
EW-2033	0.5	3.7	694	9.3	---	22.7	On
EW-2034	0.7	2.8	1,035	8.2	23.3	24.0	On
EW-2035	1.1	2.7	1,625	6.6	21.7	24.0	On
EW-2036	0.7	3.7	929	13.2	28.5	23.9	On
EW-2037	0.8	4.9	1,171	4.0	33.4	23.9	On
EW-2101	20.0	20.5	28,742	14.1	56.8	23.9	On
EW-2102	18.3	19.6	26,692	16.2	63.4	23.9	On
EW-2103	0.0	4.8	21	14.8	33.8	0.1	Off
EW-2104	43.2	44.5	62,227	12.6	58.5	23.9	On
EW-3001	0.0	0.0	0	1.7	14.0	0.0	Off
EW-3002	0.0	0.5	420	1.9	12.8	18.6	Off
EW-3003	0.0	0.0	0	3.8	12.9	0.0	Off

Daily Log

February 18, 2016 12AM to February 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	1	1.3	---	0.1	Off
EW-3005	0.7	1.9	1,105	-0.4	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	4.2	1,155	-1.1	---	23.9	On
EW-3008	0.4	0.5	517	-0.6	---	23.9	On
EW-3009	3.5	6.8	5,349	-1.7	---	23.9	On
EW-3010	1.0	5.7	1,564	-2.4	---	23.9	On
EW-3011	0.0	0.6	186	-0.7	22.3	6.4	Off
EW-3012	0.6	4.9	851	-6.2	25.9	23.9	On
EW-3013	1.0	5.1	1,446	-6.2	32.7	23.9	On
EW-3014	0.2	0.5	158	-9.2	38.9	13.1	On
EW-3015	1.2	4.7	1,645	-6.1	46.0	23.9	On
EW-3016	0.9	2.5	1,238	-7.3	53.2	23.9	On
EW-3017	0.4	0.8	199	-6.8	55.3	10.3	On
EW-3018	0.0	0.8	115	-9.5	55.0	6.0	Off
EW-3019	1.0	3.1	1,297	-3.0	55.8	23.9	On
EW-3020	3.5	6.0	5,068	-2.1	44.9	23.9	On
EW-3021	0.4	0.6	533	-0.2	29.2	23.7	On
EW-3022	0.5	4.4	852	-2.5	39.7	23.9	On
EW-3023	3.3	7.5	3,541	-5.4	24.1	23.9	On
EW-3024	0.5	0.6	623	0.9	---	23.9	On
EW-3025	2.8	6.1	3,064	-4.8	43.0	23.9	On
EW-3026	3.9	4.1	4,420	-8.9	44.9	23.9	On
EW-3027	0.0	0.5	348	0.2	---	16.4	Off
EW-4001	1.9	2.2	2,942	1.1	28.9	23.9	On
EW-4002	2.3	6.3	3,158	-47.0	14.4	23.9	On
EW-4003	2.0	8.3	2,761	-21.1	---	23.9	On
EW-4004	1.6	1.8	2,322	-10.3	16.7	23.9	On
EW-4005	2.0	2.2	2,813	-11.0	---	23.9	On
EW-4006	1.5	4.7	2,138	-50.9	35.7	23.9	On
EW-4007	1.1	1.1	1,500	-2.3	40.8	23.9	On
EW-4008	2.0	2.3	2,903	-5.7	34.4	23.9	On
EW-4009	0.8	0.9	1,164	-19.8	33.5	23.9	On
EW-4010	2.3	2.6	3,370	2.5	46.4	23.9	On
EW-4011	2.0	2.2	2,926	-18.1	45.6	23.9	On
EW-5001	2.0	2.2	2,767	-23.3	---	23.9	On
EW-5002	0.0	2.0	158	7.6	22.1	1.4	Off
EW Totals	**155.4**		**221,194**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	219.9	171 GPM
FIT-500	0 GPM	202.8	235 GPM
Effluent Temp	95.4 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 18, 2016 12AM to February 19, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.1
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	37 GPM	21.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 18, 2016 12AM to February 19, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	34.3
Permeate Flow	FIT-642	69 GPM	24.7
Concentrate Flow	FIT-643	25 GPM	8.9

Inlet Conductivity	CIT-630	1,059.9 µS
Outlet Conductivity	CIT-642	28.7 µS
Hours Run		5.8 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	95.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 19, 2016 12AM to February 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.0	2,521	1.5	46.4	24.0	On
EW-2002	0.8	1.1	1,100	5.5	45.7	24.0	On
EW-2003	1.2	1.4	1,731	4.8	41.8	24.0	On
EW-2004	0.5	0.6	712	7.1	33.6	23.9	On
EW-2005	0.4	0.5	527	7.3	31.4	23.7	On
EW-2006	1.0	1.4	1,408	5.7	28.0	24.0	On
EW-2007	1.6	1.9	2,323	7.6	24.1	24.0	On
EW-2008	0.8	1.0	1,103	2.5	24.0	24.0	On
EW-2009	1.2	1.4	1,634	3.3	24.3	24.0	On
EW-2010	0.4	0.5	284	5.8	23.2	15.5	On
EW-2011	0.4	0.5	336	8.8	21.7	17.1	On
EW-2012	0.0	0.5	98	11.6	13.8	5.7	Off
EW-2013	0.0	0.6	280	18.6	13.9	13.3	Off
EW-2014	1.0	1.6	1,360	12.9	17.3	24.0	On
EW-2015	0.5	0.7	550	11.8	13.8	22.2	On
EW-2016	0.6	0.7	750	11.2	---	23.5	On
EW-2017	1.4	1.6	1,867	12.0	---	24.0	On
EW-2018	0.6	1.6	874	10.9	---	24.0	On
EW-2019	0.3	0.5	179	11.9	---	9.9	On
EW-2020	0.4	0.6	309	11.4	---	15.9	On
EW-2021	0.3	0.5	264	13.5	---	14.0	On
EW-2022	0.4	0.6	414	12.9	---	18.9	On
EW-2023	0.0	0.6	428	12.6	---	16.9	Off
EW-2024	0.0	0.7	264	11.1	---	12.9	Off
EW-2025	0.8	1.6	1,138	10.8	---	24.0	On
EW-2026	0.6	1.5	896	9.4	---	24.0	On
EW-2027	0.8	1.6	1,070	9.3	---	24.0	On
EW-2028	0.7	1.6	1,032	8.8	---	24.0	On
EW-2029	0.8	1.7	1,237	7.3	---	24.0	On
EW-2030	1.4	2.0	1,984	9.7	---	24.0	On
EW-2031	1.4	2.0	1,950	10.8	---	24.0	On
EW-2032	0.4	1.4	661	8.9	---	24.0	On
EW-2033	0.7	1.3	693	9.3	---	24.0	On
EW-2034	0.8	1.5	1,030	7.9	23.6	24.0	On
EW-2035	1.2	2.5	1,616	6.5	22.1	24.0	On
EW-2036	0.7	1.9	925	13.1	28.7	24.0	On
EW-2037	0.8	1.9	1,163	3.8	33.4	24.0	On
EW-2101	20.1	24.4	28,984	14.0	56.9	24.0	On
EW-2102	17.8	20.3	25,940	16.2	63.2	24.0	On
EW-2103	0.0	31.1	703	14.8	33.9	2.3	Off
EW-2104	43.5	43.9	59,342	12.7	59.0	24.0	On
EW-3001	0.0	0.0	0	1.7	13.7	0.0	Off
EW-3002	0.0	0.6	360	1.6	12.6	17.8	Off
EW-3003	0.0	0.0	0	3.8	12.7	0.0	Off

Daily Log

February 19, 2016 12AM to February 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	9	1.3	---	0.5	Off
EW-3005	0.6	1.9	848	-0.4	---	23.5	On
EW-3006	0.0	0.6	7	0.4	---	0.3	Off
EW-3007	0.8	5.4	1,055	-1.2	---	23.5	On
EW-3008	0.4	0.6	502	-0.5	---	23.6	On
EW-3009	3.6	6.9	4,930	-1.8	---	23.5	On
EW-3010	1.0	5.8	1,431	-2.4	---	23.5	On
EW-3011	0.0	0.0	0	-0.4	22.7	0.0	Off
EW-3012	0.5	1.3	783	-6.2	26.3	24.0	On
EW-3013	1.0	2.9	1,405	-6.5	33.1	24.0	On
EW-3014	0.0	0.8	190	-8.5	39.3	17.1	Off
EW-3015	1.1	5.0	1,621	-6.3	46.3	23.9	On
EW-3016	0.9	2.6	1,228	-7.7	53.3	24.0	On
EW-3017	0.0	1.0	199	-5.4	55.3	10.0	Off
EW-3018	0.0	1.2	113	-8.9	55.0	5.9	Off
EW-3019	0.9	3.4	1,290	-3.1	55.8	23.9	On
EW-3020	3.5	3.7	5,048	-2.1	45.9	24.0	On
EW-3021	0.4	0.7	489	-0.3	28.9	22.5	On
EW-3022	0.5	1.3	690	-2.5	38.7	24.0	On
EW-3023	3.2	4.4	4,581	-5.5	24.5	24.0	On
EW-3024	0.5	0.7	600	0.9	---	23.3	On
EW-3025	2.6	3.0	3,873	-4.3	41.9	24.0	On
EW-3026	3.8	4.2	5,462	-8.4	43.6	24.0	On
EW-3027	0.0	4.4	14	0.2	---	0.6	Off
EW-4001	2.0	2.5	2,843	1.2	29.1	24.0	On
EW-4002	2.2	2.6	3,142	-47.2	14.1	24.0	On
EW-4003	2.2	2.3	2,895	-22.5	---	24.0	On
EW-4004	1.8	1.9	2,358	-11.3	16.8	24.0	On
EW-4005	2.2	2.3	2,914	-12.6	---	24.0	On
EW-4006	1.5	2.1	2,126	-51.1	35.0	24.0	On
EW-4007	1.0	1.2	1,459	-1.8	39.8	24.0	On
EW-4008	2.1	2.9	2,867	-6.0	34.6	24.0	On
EW-4009	0.9	1.2	1,197	-21.1	33.9	24.0	On
EW-4010	2.3	2.7	3,300	2.7	45.6	24.0	On
EW-4011	2.1	2.5	3,075	-18.8	45.1	24.0	On
EW-5001	2.2	2.3	2,906	-25.0	---	24.0	On
EW-5002	0.0	0.0	0	7.7	22.5	0.0	Off
EW Totals	**155.9**		**219,488**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	217.8	171 GPM
FIT-500	194 GPM	183.2	232 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 19, 2016 12AM to February 20, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	39.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 19, 2016 12AM to February 20, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	58.5
Permeate Flow	FIT-642	0 GPM	42.3
Concentrate Flow	FIT-643	0 GPM	15.2

Inlet Conductivity	CIT-630	1,058.7 µS
Outlet Conductivity	CIT-642	68.9 µS
Hours Run		10.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 20, 2016 12AM to February 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.5	2,515	1.6	45.2	24.0	On
EW-2002	0.7	1.8	1,083	5.6	44.5	24.0	On
EW-2003	1.2	1.5	1,709	4.8	40.7	24.0	On
EW-2004	0.4	0.6	638	8.1	32.7	23.9	On
EW-2005	0.4	0.5	517	7.6	30.6	23.8	On
EW-2006	1.0	1.3	1,387	5.9	27.3	24.0	On
EW-2007	1.6	1.7	2,305	7.7	23.7	24.0	On
EW-2008	0.8	0.9	1,096	2.5	23.7	24.0	On
EW-2009	1.2	1.3	1,634	3.3	23.9	24.0	On
EW-2010	0.3	0.4	281	5.9	22.9	15.4	On
EW-2011	0.4	0.5	335	8.8	21.4	17.0	On
EW-2012	0.0	0.5	153	11.9	14.1	8.2	Off
EW-2013	0.0	0.5	278	18.8	14.1	13.6	Off
EW-2014	1.0	1.0	1,353	13.1	17.4	24.0	On
EW-2015	0.4	0.5	550	12.7	13.9	22.2	On
EW-2016	0.6	0.6	771	10.2	---	23.8	On
EW-2017	1.3	1.4	1,852	12.2	---	24.0	On
EW-2018	0.6	0.9	873	10.9	---	24.0	On
EW-2019	0.0	0.4	177	13.0	---	9.9	Off
EW-2020	0.3	0.4	310	10.5	---	16.4	On
EW-2021	0.3	0.3	264	12.7	---	14.2	On
EW-2022	0.4	0.5	422	11.2	---	19.5	On
EW-2023	0.4	0.5	427	12.7	---	17.1	On
EW-2024	0.0	0.5	265	9.8	---	13.3	Off
EW-2025	0.8	1.0	1,136	10.8	---	24.0	On
EW-2026	0.6	0.9	891	9.4	---	24.0	On
EW-2027	0.7	1.0	1,064	9.3	---	24.0	On
EW-2028	0.7	1.0	1,031	8.8	---	24.0	On
EW-2029	0.9	1.1	1,234	7.3	---	24.0	On
EW-2030	1.4	1.5	1,969	9.9	---	24.0	On
EW-2031	1.4	1.5	1,938	10.9	---	24.0	On
EW-2032	0.5	0.8	656	8.9	---	24.0	On
EW-2033	0.5	0.7	690	9.3	---	24.0	On
EW-2034	0.7	0.8	1,026	8.1	23.9	24.0	On
EW-2035	1.1	1.2	1,621	6.5	21.7	24.0	On
EW-2036	0.6	0.8	916	13.2	28.7	24.0	On
EW-2037	0.8	0.9	1,155	4.1	33.3	24.0	On
EW-2101	20.0	20.1	28,824	14.0	58.2	24.0	On
EW-2102	17.4	18.1	25,399	16.2	63.9	24.0	On
EW-2103	0.0	0.0	0	14.9	33.9	0.0	Off
EW-2104	43.4	43.7	62,439	12.6	58.8	24.0	On
EW-3001	0.0	0.0	0	1.7	13.9	0.0	Off
EW-3002	0.4	0.5	341	1.6	12.9	17.3	On
EW-3003	0.0	0.0	0	3.8	12.9	0.0	Off

Daily Log

February 20, 2016 12AM to February 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.6	851	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	0.9	1,059	-1.1	---	24.0	On
EW-3008	0.4	0.5	521	-0.5	---	24.0	On
EW-3009	3.5	3.6	5,030	-1.7	---	24.0	On
EW-3010	1.0	1.1	1,417	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.2	22.9	0.0	Off
EW-3012	0.6	0.7	796	-6.0	26.7	24.0	On
EW-3013	1.0	1.1	1,403	-6.1	33.7	24.0	On
EW-3014	0.0	0.4	207	-9.0	40.0	11.9	Off
EW-3015	1.1	1.3	1,611	-5.9	47.2	24.0	On
EW-3016	0.8	1.0	1,221	-7.5	54.4	24.0	On
EW-3017	0.0	1.0	201	-5.1	56.7	10.3	Off
EW-3018	0.5	0.7	115	-9.3	56.4	6.0	On
EW-3019	0.8	1.1	1,285	-2.9	57.2	24.0	On
EW-3020	3.4	3.9	4,984	-1.9	44.7	24.0	On
EW-3021	0.4	0.4	502	-0.2	28.8	23.9	On
EW-3022	0.5	0.6	663	-2.5	38.4	24.0	On
EW-3023	3.0	3.2	4,330	-5.3	24.7	24.0	On
EW-3024	0.4	0.6	619	1.1	---	24.0	On
EW-3025	2.7	2.7	3,861	-4.5	41.6	24.0	On
EW-3026	3.7	3.8	5,406	-8.5	43.3	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.0	2.0	2,853	1.1	29.1	24.0	On
EW-4002	2.2	2.4	3,130	-46.9	14.3	24.0	On
EW-4003	2.1	2.2	3,005	-23.3	---	24.0	On
EW-4004	1.7	1.8	2,471	-11.8	16.7	24.0	On
EW-4005	2.1	2.2	3,074	-13.2	---	24.0	On
EW-4006	1.5	1.5	2,113	-50.9	34.8	24.0	On
EW-4007	1.0	1.1	1,473	-2.0	39.6	24.0	On
EW-4008	2.0	2.2	2,971	-6.3	34.6	24.0	On
EW-4009	0.8	0.9	1,196	-20.5	34.6	24.0	On
EW-4010	2.3	2.3	3,324	2.6	45.7	24.0	On
EW-4011	2.0	2.1	2,950	-19.3	45.2	24.0	On
EW-5001	2.1	2.2	3,042	-25.7	---	24.0	On
EW-5002	0.0	0.0	0	7.6	22.2	0.0	Off
EW Totals	**154.1**		**221,207**				

	Value	Total (KGal)	Peak Flow
FIT-100	152 GPM	219.2	158 GPM
FIT-500	0 GPM	187.8	232 GPM
Effluent Temp	92.2 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

February 20, 2016 12AM to February 21, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	38 GPM	29.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 20, 2016 12AM to February 21, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	43.0
Permeate Flow	FIT-642	0 GPM	31.0
Concentrate Flow	FIT-643	0 GPM	11.3

Inlet Conductivity	CIT-630	1,050.4 µS
Outlet Conductivity	CIT-642	140.9 µS
Hours Run		7.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 21, 2016 12AM to February 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,481	1.8	45.9	24.0	On
EW-2002	0.8	0.8	1,068	5.6	45.2	24.0	On
EW-2003	1.2	1.2	1,695	4.8	41.4	24.0	On
EW-2004	0.4	0.5	621	8.1	33.4	24.0	On
EW-2005	0.4	0.4	531	7.5	31.3	24.0	On
EW-2006	1.0	1.0	1,398	5.8	27.9	24.0	On
EW-2007	1.8	1.8	2,427	7.7	24.1	24.0	On
EW-2008	0.7	0.9	1,090	2.4	23.0	24.0	On
EW-2009	1.1	1.3	1,627	3.2	23.2	24.0	On
EW-2010	0.0	0.4	281	5.4	22.0	15.3	Off
EW-2011	0.0	0.5	335	8.3	20.6	17.0	Off
EW-2012	0.0	0.5	101	12.1	14.7	5.8	Off
EW-2013	0.3	0.5	276	18.5	14.8	13.3	On
EW-2014	1.0	1.1	1,349	12.9	18.0	24.0	On
EW-2015	0.5	0.5	549	11.5	14.5	22.0	On
EW-2016	0.6	0.6	776	10.0	---	24.0	On
EW-2017	1.3	1.3	1,820	12.2	---	24.0	On
EW-2018	0.6	1.0	868	10.9	---	24.0	On
EW-2019	0.3	0.4	177	13.2	---	9.8	On
EW-2020	0.3	0.4	305	11.6	---	16.0	On
EW-2021	0.0	0.3	263	11.5	---	14.2	Off
EW-2022	0.4	0.5	416	11.6	---	18.4	On
EW-2023	0.4	0.5	426	11.4	---	17.0	On
EW-2024	0.3	0.5	259	11.2	---	13.1	On
EW-2025	0.8	1.1	1,130	10.8	---	24.0	On
EW-2026	0.6	0.9	889	9.4	---	24.0	On
EW-2027	0.7	1.0	1,059	9.3	---	24.0	On
EW-2028	0.7	1.0	1,028	8.8	---	24.0	On
EW-2029	0.9	1.1	1,230	7.4	---	24.0	On
EW-2030	1.4	1.5	1,965	9.7	---	24.0	On
EW-2031	1.3	1.5	1,928	10.8	---	24.0	On
EW-2032	0.5	0.8	655	8.9	---	24.0	On
EW-2033	0.4	0.8	688	9.6	---	24.0	On
EW-2034	0.7	0.8	1,026	8.2	24.5	24.0	On
EW-2035	1.1	1.1	1,607	6.7	22.0	24.0	On
EW-2036	0.6	0.7	904	13.2	29.1	24.0	On
EW-2037	0.8	0.9	1,147	4.0	33.9	24.0	On
EW-2101	20.1	20.2	28,826	13.9	58.6	24.0	On
EW-2102	16.4	17.5	24,064	16.3	63.0	24.0	On
EW-2103	0.0	0.0	0	14.9	34.4	0.0	Off
EW-2104	43.2	43.6	62,349	12.6	59.3	24.0	On
EW-3001	0.0	0.0	0	1.7	14.6	0.0	Off
EW-3002	0.0	0.5	342	2.3	13.4	16.5	Off
EW-3003	0.0	0.0	0	3.8	13.5	0.0	Off

Daily Log

February 21, 2016 12AM to February 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.6	824	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	0.9	1,074	-1.1	---	24.0	On
EW-3008	0.4	0.5	513	-0.4	---	24.0	On
EW-3009	3.4	3.5	4,967	-1.7	---	24.0	On
EW-3010	1.0	1.1	1,400	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	23.5	0.0	Off
EW-3012	0.6	0.8	802	-6.2	27.5	24.0	On
EW-3013	1.0	1.1	1,401	-6.2	34.6	24.0	On
EW-3014	0.3	0.4	245	-8.8	40.9	13.9	On
EW-3015	1.2	1.3	1,605	-6.0	48.0	24.0	On
EW-3016	0.9	1.0	1,216	-7.4	54.8	24.0	On
EW-3017	0.0	1.0	203	-7.5	57.0	10.3	Off
EW-3018	0.0	0.7	115	-9.6	56.7	6.0	Off
EW-3019	1.0	1.1	1,281	-3.0	57.6	24.0	On
EW-3020	3.4	3.5	4,950	-1.8	45.4	24.0	On
EW-3021	0.4	0.4	510	-0.2	29.2	24.0	On
EW-3022	0.5	0.5	661	-2.3	38.7	24.0	On
EW-3023	2.9	3.0	4,210	-5.3	25.4	24.0	On
EW-3024	0.4	0.6	612	1.0	---	24.0	On
EW-3025	2.7	2.7	3,847	-4.4	41.8	24.0	On
EW-3026	3.7	3.8	5,389	-8.5	43.5	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	1.9	2.0	2,795	1.2	29.5	24.0	On
EW-4002	2.2	2.4	3,124	-47.2	15.0	24.0	On
EW-4003	2.1	2.1	2,957	-22.7	---	24.0	On
EW-4004	1.7	1.8	2,424	-11.3	17.0	24.0	On
EW-4005	2.1	2.2	3,021	-12.8	---	24.0	On
EW-4006	1.5	1.5	2,100	-50.9	35.1	24.0	On
EW-4007	1.0	1.0	1,430	-1.9	39.8	24.0	On
EW-4008	2.0	2.2	2,926	-5.9	35.0	24.0	On
EW-4009	0.8	0.9	1,195	-20.6	35.5	24.0	On
EW-4010	2.3	2.3	3,341	2.7	46.3	24.0	On
EW-4011	2.1	2.1	2,941	-19.8	45.8	24.0	On
EW-5001	2.1	2.1	2,990	-25.3	---	24.0	On
EW-5002	0.0	0.0	0	7.6	22.5	0.0	Off
EW Totals	**152.3**		**219,041**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	217.0	158 GPM
FIT-500	60 GPM	195.4	232 GPM
Effluent Temp	94.8 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

February 21, 2016 12AM to February 22, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	38 GPM	0.0
RC-7003	FIT-665	38 GPM	29.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 21, 2016 12AM to February 22, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	97 GPM	40.7
Permeate Flow	FIT-642	70 GPM	29.3
Concentrate Flow	FIT-643	25 GPM	10.6

Inlet Conductivity	CIT-630	1,050.1 µS
Outlet Conductivity	CIT-642	29.0 µS
Hours Run		6.8 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 22, 2016 12AM to February 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,464	1.7	46.9	24.0	On
EW-2002	0.7	0.9	1,071	5.6	46.2	24.0	On
EW-2003	1.2	1.2	1,703	4.8	42.5	24.0	On
EW-2004	0.5	0.6	629	8.1	34.4	24.0	On
EW-2005	0.4	0.5	554	7.4	32.2	24.0	On
EW-2006	1.0	1.3	1,432	5.9	28.7	24.0	On
EW-2007	1.8	2.0	2,550	7.7	24.7	24.0	On
EW-2008	0.8	0.9	1,087	2.4	24.3	24.0	On
EW-2009	1.2	2.1	1,622	3.2	24.5	24.0	On
EW-2010	0.0	0.5	278	5.3	23.5	15.0	Off
EW-2011	0.5	0.5	333	8.1	22.0	16.7	On
EW-2012	0.4	0.4	151	11.4	15.5	8.1	On
EW-2013	0.4	0.5	273	18.7	15.6	12.8	On
EW-2014	0.9	1.2	1,348	12.9	18.5	24.0	On
EW-2015	0.5	0.5	543	13.4	15.0	21.9	On
EW-2016	0.6	0.7	762	11.1	---	23.9	On
EW-2017	1.3	1.3	1,808	12.2	---	24.0	On
EW-2018	0.6	1.0	863	10.9	---	24.0	On
EW-2019	0.0	0.4	177	13.0	---	9.8	Off
EW-2020	0.4	0.4	305	10.7	---	15.8	On
EW-2021	0.3	0.3	257	13.8	---	13.9	On
EW-2022	0.5	0.5	413	11.7	---	18.2	On
EW-2023	0.0	0.5	421	10.9	---	16.6	Off
EW-2024	0.0	0.5	261	10.2	---	13.0	Off
EW-2025	0.8	1.1	1,124	10.8	---	24.0	On
EW-2026	0.6	1.0	885	9.4	---	24.0	On
EW-2027	0.7	1.1	1,052	9.3	---	24.0	On
EW-2028	0.7	1.1	1,020	8.8	---	24.0	On
EW-2029	0.9	1.2	1,225	7.3	---	24.0	On
EW-2030	1.4	1.6	1,956	9.7	---	24.0	On
EW-2031	1.3	1.5	1,914	10.8	---	24.0	On
EW-2032	0.5	0.9	656	8.9	---	24.0	On
EW-2033	0.4	0.8	686	9.3	---	24.0	On
EW-2034	0.7	1.1	1,027	8.2	24.8	24.0	On
EW-2035	1.1	1.5	1,603	6.6	22.6	24.0	On
EW-2036	0.6	0.8	894	13.3	29.9	24.0	On
EW-2037	0.8	1.1	1,143	3.8	34.4	24.0	On
EW-2101	20.0	20.9	28,745	13.9	58.5	23.9	On
EW-2102	16.9	19.9	23,986	16.2	63.7	23.9	On
EW-2103	0.0	4.9	46	14.9	35.0	0.2	Off
EW-2104	43.2	43.6	62,173	12.6	59.3	24.0	On
EW-3001	0.0	0.0	0	1.7	15.5	0.0	Off
EW-3002	0.0	0.5	365	1.8	14.3	17.2	Off
EW-3003	0.0	0.0	0	3.8	14.3	0.0	Off

Daily Log

February 22, 2016 12AM to February 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.6	788	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	1.0	1,114	-1.2	---	24.0	On
EW-3008	0.4	0.5	489	-0.4	---	24.0	On
EW-3009	3.4	3.5	4,898	-1.6	---	24.0	On
EW-3010	1.0	1.2	1,388	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.0	23.8	0.0	Off
EW-3012	0.6	1.3	806	-6.2	27.8	24.0	On
EW-3013	1.0	1.7	1,402	-6.2	34.9	24.0	On
EW-3014	0.3	0.8	251	-8.1	41.0	14.0	On
EW-3015	1.1	5.5	1,602	-6.1	47.9	23.9	On
EW-3016	0.9	1.6	1,214	-7.5	54.7	24.0	On
EW-3017	0.0	1.0	197	-5.3	56.7	9.9	Off
EW-3018	0.0	0.7	113	-9.5	56.5	5.9	Off
EW-3019	0.9	2.2	1,285	-2.9	57.2	24.0	On
EW-3020	3.4	3.5	4,959	-1.8	46.6	24.0	On
EW-3021	0.4	0.5	521	-0.2	29.7	23.9	On
EW-3022	0.5	0.6	663	-2.4	39.2	24.0	On
EW-3023	2.8	3.8	4,119	-5.4	25.7	24.0	On
EW-3024	0.5	0.6	607	0.9	---	24.0	On
EW-3025	2.7	2.8	3,813	-4.4	42.3	24.0	On
EW-3026	3.7	3.8	5,353	-8.5	43.9	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.1	2.2	2,921	0.7	30.3	24.0	On
EW-4002	2.1	2.4	3,117	-47.2	16.0	24.0	On
EW-4003	2.1	2.2	2,892	-22.5	---	24.0	On
EW-4004	1.7	1.8	2,340	-10.8	17.5	24.0	On
EW-4005	2.0	2.2	2,880	-12.1	---	24.0	On
EW-4006	1.5	1.6	2,088	-50.9	35.5	24.0	On
EW-4007	1.0	1.1	1,397	-2.0	40.3	24.0	On
EW-4008	2.0	2.3	2,911	-6.2	35.6	24.0	On
EW-4009	0.9	1.2	1,195	-21.4	35.9	24.0	On
EW-4010	2.3	2.3	3,285	2.4	46.8	24.0	On
EW-4011	2.1	2.2	2,995	-20.7	46.4	24.0	On
EW-5001	2.1	2.2	2,895	-24.3	---	24.0	On
EW-5002	0.0	1.9	18	7.7	23.0	0.2	Off
EW Totals	**153.1**		**218,319**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	215.7	159 GPM
FIT-500	230 GPM	193.1	231 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

February 22, 2016 12AM to February 23, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	38 GPM	0.0
RC-7003	FIT-665	38 GPM	28.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 22, 2016 12AM to February 23, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	42.8
Permeate Flow	FIT-642	70 GPM	30.9
Concentrate Flow	FIT-643	25 GPM	11.2

Inlet Conductivity	CIT-630	1,072.3 µS
Outlet Conductivity	CIT-642	28.4 µS
Hours Run		7.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 23, 2016 12AM to February 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,455	1.4	46.5	24.0	On
EW-2002	0.7	0.8	1,070	5.3	45.9	24.0	On
EW-2003	1.2	1.2	1,712	4.8	42.0	24.0	On
EW-2004	0.5	0.5	641	7.6	33.8	24.0	On
EW-2005	0.4	0.5	568	7.8	31.4	23.9	On
EW-2006	1.0	1.1	1,428	5.6	27.8	24.0	On
EW-2007	1.8	1.8	2,555	7.4	23.7	24.0	On
EW-2008	0.7	0.9	1,082	2.6	23.0	24.0	On
EW-2009	1.0	1.3	1,578	3.3	23.3	24.0	On
EW-2010	0.3	0.4	276	6.5	22.4	15.4	On
EW-2011	0.3	0.5	330	9.3	20.8	17.1	On
EW-2012	0.3	0.4	160	13.5	14.6	8.8	On
EW-2013	0.3	0.5	272	18.9	14.7	12.7	On
EW-2014	0.9	1.1	1,347	13.0	17.6	24.0	On
EW-2015	0.4	0.5	545	12.2	14.1	21.9	On
EW-2016	0.5	0.6	752	9.8	---	23.5	On
EW-2017	1.3	1.3	1,816	12.0	---	24.0	On
EW-2018	0.6	1.0	863	11.0	---	24.0	On
EW-2019	0.0	0.4	177	12.9	---	9.8	Off
EW-2020	0.3	0.4	303	11.4	---	15.8	On
EW-2021	0.3	0.3	260	12.9	---	14.1	On
EW-2022	0.4	0.5	407	11.5	---	18.3	On
EW-2023	0.4	0.5	416	11.6	---	16.6	On
EW-2024	0.0	0.5	258	11.2	---	12.9	Off
EW-2025	0.8	1.1	1,123	10.9	---	24.0	On
EW-2026	0.6	1.0	885	9.5	---	24.0	On
EW-2027	0.7	1.1	1,050	9.3	---	24.0	On
EW-2028	0.7	1.1	1,025	8.8	---	24.0	On
EW-2029	0.8	1.1	1,225	7.4	---	24.0	On
EW-2030	1.4	1.6	1,953	9.7	---	24.0	On
EW-2031	1.3	1.6	1,907	10.8	---	24.0	On
EW-2032	0.5	0.9	657	8.9	---	24.0	On
EW-2033	0.5	0.8	686	9.3	---	24.0	On
EW-2034	0.7	0.9	1,027	8.0	24.1	24.0	On
EW-2035	1.1	1.1	1,605	6.4	21.5	24.0	On
EW-2036	0.6	0.7	888	13.1	29.2	24.0	On
EW-2037	0.8	1.0	1,138	3.9	33.7	24.0	On
EW-2101	20.1	20.1	28,821	13.9	58.7	24.0	On
EW-2102	16.5	17.0	23,879	16.2	63.7	24.0	On
EW-2103	0.0	0.0	0	14.9	34.2	0.0	Off
EW-2104	43.2	43.5	62,048	12.6	58.7	24.0	On
EW-3001	0.0	0.0	0	1.7	14.5	0.0	Off
EW-3002	0.3	0.5	377	1.9	13.2	18.9	On
EW-3003	0.0	0.0	0	3.8	13.2	0.0	Off

Daily Log

February 23, 2016 12AM to February 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.6	0.6	765	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	1.0	1,122	-1.2	---	24.0	On
EW-3008	0.4	0.5	511	-0.5	---	24.0	On
EW-3009	3.5	3.5	4,892	-1.8	---	24.0	On
EW-3010	1.0	1.2	1,378	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.0	23.1	0.0	Off
EW-3012	0.6	0.8	808	-6.2	27.2	24.0	On
EW-3013	1.0	1.2	1,405	-6.5	34.6	24.0	On
EW-3014	0.0	0.4	252	-8.5	40.9	14.1	Off
EW-3015	1.1	1.3	1,600	-6.3	48.1	24.0	On
EW-3016	0.9	1.0	1,208	-7.6	54.8	24.0	On
EW-3017	0.0	0.8	200	-5.8	57.1	10.3	Off
EW-3018	0.0	0.7	113	-9.4	56.8	5.9	Off
EW-3019	0.9	1.1	1,281	-3.2	57.7	24.0	On
EW-3020	3.5	3.5	4,952	-2.1	46.1	24.0	On
EW-3021	0.4	0.4	532	-0.2	28.9	23.7	On
EW-3022	0.4	0.5	650	-2.5	38.4	24.0	On
EW-3023	2.8	3.0	4,021	-5.4	25.1	24.0	On
EW-3024	0.4	0.6	626	1.0	---	24.0	On
EW-3025	2.6	2.7	3,809	-4.5	41.5	24.0	On
EW-3026	3.7	3.7	5,341	-8.4	43.1	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.2	2.2	3,032	0.6	29.6	24.0	On
EW-4002	2.1	2.4	3,113	-47.0	14.8	24.0	On
EW-4003	2.1	2.2	2,942	-24.3	---	24.0	On
EW-4004	1.8	1.8	2,377	-12.4	16.5	24.0	On
EW-4005	2.1	2.1	2,881	-13.6	---	24.0	On
EW-4006	1.4	1.5	2,079	-51.0	34.7	24.0	On
EW-4007	1.0	1.1	1,411	-2.4	39.5	24.0	On
EW-4008	2.1	2.2	2,936	-6.5	34.9	24.0	On
EW-4009	0.9	0.9	1,204	-21.2	35.6	24.0	On
EW-4010	2.3	2.3	3,278	2.5	46.4	24.0	On
EW-4011	2.1	2.1	3,011	-21.0	46.0	24.0	On
EW-5001	2.1	2.2	2,921	-25.8	---	24.0	On
EW-5002	0.0	0.0	0	7.8	21.9	0.0	Off
EW Totals	**152.5**		**218,218**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	215.5	158 GPM
FIT-500	169 GPM	190.9	231 GPM
Effluent Temp	95.9 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

February 23, 2016 12AM to February 24, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	28.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 23, 2016 12AM to February 24, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	40.7
Permeate Flow	FIT-642	0 GPM	29.5
Concentrate Flow	FIT-643	0 GPM	10.5

Inlet Conductivity	CIT-630	1,044.9 µS
Outlet Conductivity	CIT-642	28.1 µS
Hours Run		7.3 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	95.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 24, 2016 12AM to February 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.1	2,443	1.8	44.6	23.4	On
EW-2002	0.8	4.6	1,052	5.6	44.0	23.4	On
EW-2003	1.3	2.0	1,719	4.6	40.1	23.4	On
EW-2004	0.4	0.7	640	8.4	31.8	23.3	On
EW-2005	0.4	0.7	506	8.0	29.8	23.1	On
EW-2006	1.1	5.4	1,423	5.8	26.6	23.4	On
EW-2007	1.8	4.9	2,463	7.6	23.2	23.4	On
EW-2008	0.8	4.0	1,086	2.4	21.9	23.4	On
EW-2009	1.1	2.3	1,482	3.2	22.1	23.4	On
EW-2010	0.0	0.7	279	6.1	21.1	15.4	Off
EW-2011	0.0	0.7	331	9.1	19.6	17.0	Off
EW-2012	0.0	0.5	168	10.8	13.1	9.3	Off
EW-2013	0.0	0.6	271	18.0	13.9	13.3	Off
EW-2014	1.0	5.7	1,314	13.1	17.4	23.4	On
EW-2015	0.5	0.6	525	12.7	13.8	21.6	On
EW-2016	0.6	0.7	732	10.1	---	23.1	On
EW-2017	1.3	4.4	1,794	12.3	---	23.4	On
EW-2018	0.6	7.5	850	10.9	---	23.4	On
EW-2019	0.0	0.6	177	11.7	---	9.7	Off
EW-2020	0.4	0.6	302	10.6	---	15.9	On
EW-2021	0.0	0.5	257	13.8	---	13.9	Off
EW-2022	0.4	0.6	403	12.2	---	19.0	On
EW-2023	0.4	0.7	411	11.9	---	16.6	On
EW-2024	0.0	0.6	257	11.8	---	12.8	Off
EW-2025	0.8	7.3	1,104	10.8	---	23.4	On
EW-2026	0.6	7.4	868	9.4	---	23.4	On
EW-2027	0.7	7.4	1,038	9.3	---	23.4	On
EW-2028	0.7	7.3	1,009	8.8	---	23.4	On
EW-2029	0.8	7.4	1,205	7.3	---	23.4	On
EW-2030	1.4	7.4	1,910	9.8	---	23.4	On
EW-2031	1.4	7.7	1,869	10.9	---	23.4	On
EW-2032	0.4	7.1	640	8.9	---	23.4	On
EW-2033	0.6	3.8	674	9.3	---	22.2	On
EW-2034	0.7	5.0	1,009	8.1	24.2	23.4	On
EW-2035	1.1	2.8	1,569	6.7	21.0	23.4	On
EW-2036	0.7	5.0	876	13.2	28.9	23.4	On
EW-2037	0.8	6.3	1,125	4.0	33.1	23.4	On
EW-2101	19.8	20.1	26,470	14.0	56.5	23.4	On
EW-2102	16.5	18.1	22,153	16.3	61.7	23.4	On
EW-2103	0.0	4.9	34	14.9	33.9	0.1	Off
EW-2104	43.2	43.5	58,783	12.6	58.7	23.4	On
EW-3001	0.0	0.0	0	1.7	13.5	0.0	Off
EW-3002	0.0	0.6	383	1.7	12.1	18.5	Off
EW-3003	0.0	0.0	0	3.8	12.4	0.0	Off

Daily Log

February 24, 2016 12AM to February 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	6	1.3	---	0.4	Off
EW-3005	0.7	2.0	922	-0.4	---	23.4	On
EW-3006	0.0	0.5	3	0.4	---	0.1	Off
EW-3007	0.8	5.5	1,063	-1.1	---	23.4	On
EW-3008	0.4	0.5	507	-0.6	---	23.4	On
EW-3009	3.5	6.9	4,958	-1.7	---	23.4	On
EW-3010	1.1	5.7	1,403	-2.4	---	23.4	On
EW-3011	0.0	1.2	10	-0.1	23.1	0.3	Off
EW-3012	0.6	5.8	802	-5.9	26.8	23.4	On
EW-3013	1.0	5.4	1,395	-6.3	34.2	23.4	On
EW-3014	0.3	0.8	252	-8.5	39.9	13.9	On
EW-3015	1.1	5.3	1,582	-6.0	46.5	23.4	On
EW-3016	0.8	3.1	1,197	-7.5	52.8	23.4	On
EW-3017	0.0	1.0	199	-5.0	54.9	9.9	On
EW-3018	0.0	0.7	113	-9.5	54.6	5.9	Off
EW-3019	0.9	3.7	1,267	-3.0	55.6	23.4	On
EW-3020	3.4	5.6	4,878	-1.8	44.2	23.4	On
EW-3021	0.4	0.7	467	-0.2	28.7	22.5	On
EW-3022	0.5	4.8	670	-2.5	38.4	23.4	On
EW-3023	2.8	6.7	3,920	-5.4	24.6	23.4	On
EW-3024	0.5	0.6	591	1.1	---	23.2	On
EW-3025	2.7	5.8	3,784	-4.6	41.5	23.4	On
EW-3026	3.6	4.0	5,153	-8.5	43.2	23.4	On
EW-3027	0.0	0.7	31	0.3	---	1.7	Off
EW-4001	2.1	2.5	2,944	0.9	29.4	23.3	On
EW-4002	2.2	6.7	3,079	-47.2	13.9	23.3	On
EW-4003	2.1	2.6	2,893	-22.8	---	23.3	On
EW-4004	1.7	1.8	2,373	-11.4	16.0	23.3	On
EW-4005	2.1	2.2	2,896	-13.0	---	23.3	On
EW-4006	1.5	5.0	2,071	-51.0	34.7	23.3	On
EW-4007	1.1	1.2	1,454	-2.2	39.6	23.3	On
EW-4008	2.1	2.7	2,882	-6.1	34.6	23.3	On
EW-4009	0.8	1.2	1,138	-19.8	35.2	23.3	On
EW-4010	2.1	2.6	3,060	2.8	44.6	23.3	On
EW-4011	2.1	2.5	2,933	-18.8	44.0	23.3	On
EW-5001	2.1	2.2	2,896	-25.0	---	23.3	On
EW-5002	0.0	1.9	13	7.8	21.5	0.1	Off
EW Totals	**151.9**		**209,409**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	206.7	166 GPM
FIT-500	162 GPM	182.4	233 GPM
Effluent Temp	95.2 °F		
Effluent pH	5.9		

Recharge and Injection Daily Report

February 24, 2016 12AM to February 25, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	25.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 24, 2016 12AM to February 25, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	38.9
Permeate Flow	FIT-642	0 GPM	27.9
Concentrate Flow	FIT-643	0 GPM	10.2

Inlet Conductivity	CIT-630	1,052.4 µS
Outlet Conductivity	CIT-642	67.1 µS
Hours Run		6.7 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 25, 2016 12AM to February 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	4.5	1,755	1.4	47.1	16.3	On
EW-2002	0.8	4.5	764	5.4	46.4	16.3	On
EW-2003	1.3	2.5	1,266	4.5	42.3	16.3	On
EW-2004	0.5	0.7	460	7.5	33.5	16.3	On
EW-2005	0.4	0.6	375	7.4	31.4	16.3	On
EW-2006	1.1	5.4	1,073	5.9	27.5	16.3	On
EW-2007	1.8	5.0	1,731	7.6	23.9	16.3	On
EW-2008	0.8	4.7	779	2.4	23.6	16.3	On
EW-2009	1.1	2.5	1,040	3.2	23.8	16.0	On
EW-2010	0.4	0.6	204	5.3	22.8	10.8	On
EW-2011	0.4	0.6	239	8.2	21.3	11.9	On
EW-2012	0.0	0.5	101	12.6	14.6	5.5	Off
EW-2013	0.5	0.5	192	17.3	14.7	9.3	On
EW-2014	1.0	5.7	930	13.0	17.5	16.4	On
EW-2015	0.5	0.7	369	11.5	14.0	15.0	On
EW-2016	0.6	1.0	506	9.9	---	16.1	On
EW-2017	1.4	4.5	1,308	12.2	---	16.4	On
EW-2018	0.6	7.6	607	10.9	---	16.4	On
EW-2019	0.0	0.5	129	11.7	---	7.1	Off
EW-2020	0.4	0.6	215	11.4	---	11.0	On
EW-2021	0.0	0.4	186	11.4	---	10.1	Off
EW-2022	0.0	0.7	290	11.7	---	13.1	Off
EW-2023	0.4	0.7	294	13.0	---	11.6	On
EW-2024	0.0	0.6	187	11.4	---	9.1	Off
EW-2025	0.8	7.4	795	10.8	---	16.3	On
EW-2026	0.6	7.5	628	9.4	---	16.4	On
EW-2027	0.7	7.5	746	9.3	---	16.4	On
EW-2028	0.7	7.4	721	8.8	---	16.4	On
EW-2029	0.9	7.5	862	7.3	---	16.3	On
EW-2030	1.4	7.5	1,369	9.7	---	16.4	On
EW-2031	1.4	7.7	1,371	10.8	---	16.4	On
EW-2032	0.5	7.2	461	8.9	---	16.4	On
EW-2033	0.5	4.1	480	9.3	---	15.9	On
EW-2034	0.8	5.7	730	8.2	23.1	16.4	On
EW-2035	1.1	2.8	1,100	6.5	21.2	16.4	On
EW-2036	0.7	5.1	651	13.2	28.9	16.3	On
EW-2037	0.8	6.6	817	4.0	33.4	16.3	On
EW-2101	19.4	20.3	18,234	14.4	54.0	16.3	On
EW-2102	16.9	18.7	15,658	16.5	55.0	16.6	On
EW-2103	0.0	0.0	0	15.0	34.1	0.0	Off
EW-2104	43.2	43.6	39,560	13.1	59.1	16.3	On
EW-3001	0.0	0.6	27	2.0	14.4	1.4	Off
EW-3002	0.5	0.6	334	1.5	13.2	13.6	On
EW-3003	0.0	0.7	19	3.8	13.1	0.9	Off

Daily Log

February 25, 2016 12AM to February 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	34	1.3	---	2.2	Off
EW-3005	0.8	2.1	876	-0.5	---	16.2	On
EW-3006	0.0	0.6	14	0.4	---	0.7	Off
EW-3007	0.9	5.9	941	-1.1	---	16.2	On
EW-3008	0.4	0.9	352	-0.5	---	16.2	On
EW-3009	3.6	7.1	3,787	-1.8	---	16.2	On
EW-3010	1.3	5.9	1,215	-2.4	---	16.2	On
EW-3011	0.0	0.8	32	0.0	22.3	1.1	Off
EW-3012	0.7	6.2	601	-6.2	25.9	16.2	On
EW-3013	1.0	5.7	1,005	-6.2	32.7	16.2	On
EW-3014	0.3	0.6	199	-8.9	38.2	10.5	On
EW-3015	1.2	5.6	1,145	-6.2	44.4	16.2	On
EW-3016	0.9	3.1	864	-7.5	50.6	16.2	On
EW-3017	0.0	0.7	161	-6.5	52.6	8.0	Off
EW-3018	0.0	1.0	95	-9.0	52.5	5.1	Off
EW-3019	0.9	3.9	906	-3.2	53.1	16.2	On
EW-3020	3.5	5.9	3,446	-2.2	46.6	16.2	On
EW-3021	0.4	0.7	353	-0.2	29.6	15.9	On
EW-3022	0.6	5.1	631	-2.3	40.4	16.2	On
EW-3023	2.8	6.9	2,853	-5.3	23.8	16.2	On
EW-3024	0.5	0.7	414	0.9	---	15.9	On
EW-3025	2.8	5.4	2,847	-4.6	43.5	16.2	On
EW-3026	3.8	4.1	3,603	-8.6	45.3	16.2	On
EW-3027	0.5	0.7	155	0.1	---	8.5	On
EW-4001	1.9	2.6	1,957	2.0	29.4	16.2	On
EW-4002	2.2	6.8	2,226	-47.2	15.0	16.2	On
EW-4003	2.0	6.9	1,966	-20.7	---	16.2	On
EW-4004	1.6	1.9	1,592	-9.4	16.2	16.2	On
EW-4005	2.0	2.3	1,974	-11.3	---	16.2	On
EW-4006	1.6	5.2	1,528	-51.1	36.2	16.2	On
EW-4007	1.0	1.2	1,028	-1.0	41.3	16.2	On
EW-4008	2.0	2.7	1,956	-4.8	34.8	16.2	On
EW-4009	0.9	1.2	794	-19.2	33.8	16.2	On
EW-4010	2.0	2.7	2,002	3.5	44.5	16.2	On
EW-4011	2.1	2.4	2,033	-17.1	43.7	16.2	On
EW-5001	2.0	2.3	1,967	-22.6	---	16.2	On
EW-5002	0.0	0.2	0	8.5	21.6	0.0	Off
EW Totals	**154.8**		**147,113**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	145.2	163 GPM
FIT-500	197 GPM	128.8	233 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

February 25, 2016 12AM to February 26, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	25.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 25, 2016 12AM to February 26, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	34.8
Permeate Flow	FIT-642	0 GPM	24.8
Concentrate Flow	FIT-643	0 GPM	9.4

Inlet Conductivity	CIT-630	1,068.6 µS
Outlet Conductivity	CIT-642	132.3 µS
Hours Run		6.2 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	94.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 26, 2016 12AM to February 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	4.4	2,540	1.4	46.2	23.5	On
EW-2002	0.8	2.8	1,112	5.4	45.3	24.0	On
EW-2003	1.2	2.6	1,812	4.8	41.3	24.0	On
EW-2004	0.5	0.7	756	7.1	32.7	23.9	On
EW-2005	0.4	0.7	543	8.0	30.8	23.8	On
EW-2006	1.1	5.9	1,568	5.7	27.3	23.9	On
EW-2007	1.7	4.9	2,499	7.6	23.7	24.0	On
EW-2008	0.7	3.1	1,109	2.5	22.9	24.0	On
EW-2009	1.1	4.3	1,565	3.3	23.2	23.9	On
EW-2010	0.3	0.5	280	6.6	22.2	15.2	On
EW-2011	0.3	0.7	333	9.4	20.7	16.9	On
EW-2012	0.0	0.5	136	11.7	14.1	7.7	Off
EW-2013	0.0	0.6	272	18.1	14.1	13.6	Off
EW-2014	0.9	2.3	1,354	13.0	17.4	24.0	On
EW-2015	0.4	0.6	541	12.9	14.0	21.8	On
EW-2016	0.6	0.7	729	9.9	---	23.0	On
EW-2017	1.3	3.1	1,903	12.2	---	24.0	On
EW-2018	0.6	1.5	873	11.0	---	24.0	On
EW-2019	0.3	0.4	177	11.7	---	9.9	On
EW-2020	0.3	0.4	307	10.6	---	16.2	On
EW-2021	0.3	0.3	260	11.3	---	14.2	On
EW-2022	0.4	0.5	422	11.6	---	19.5	On
EW-2023	0.4	0.5	432	11.0	---	17.4	On
EW-2024	0.3	0.5	269	9.7	---	13.5	On
EW-2025	0.8	1.9	1,151	10.8	---	24.0	On
EW-2026	0.6	1.5	899	9.4	---	24.0	On
EW-2027	0.7	1.8	1,070	9.3	---	24.0	On
EW-2028	0.7	1.8	1,026	8.8	---	24.0	On
EW-2029	0.9	2.3	1,245	7.4	---	24.0	On
EW-2030	1.4	3.3	1,983	9.7	---	24.0	On
EW-2031	1.4	3.4	2,016	10.8	---	24.0	On
EW-2032	0.4	0.9	662	8.9	---	24.0	On
EW-2033	0.5	1.4	684	9.4	---	24.0	On
EW-2034	0.7	1.9	1,053	7.9	23.5	24.0	On
EW-2035	1.1	2.6	1,599	6.6	21.5	23.9	On
EW-2036	0.7	2.8	943	13.3	28.6	24.0	On
EW-2037	0.8	3.1	1,145	4.0	32.9	24.0	On
EW-2101	20.0	24.1	28,312	14.0	56.7	23.9	On
EW-2102	17.2	20.8	24,453	16.2	57.5	23.8	On
EW-2103	0.0	5.2	52	15.0	34.0	0.2	Off
EW-2104	43.2	44.6	60,154	12.9	58.5	24.0	On
EW-3001	0.0	0.0	0	1.7	14.0	0.0	Off
EW-3002	0.3	0.5	401	2.1	12.9	19.1	On
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

February 26, 2016 12AM to February 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	0	1.3	---	0.0	Off
EW-3005	0.7	2.1	1,021	-0.4	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	3.8	1,258	-1.1	---	23.9	On
EW-3008	0.4	0.5	536	-0.5	---	23.9	On
EW-3009	3.5	6.7	5,115	-1.7	---	23.9	On
EW-3010	1.2	5.7	1,760	-2.4	---	23.9	On
EW-3011	0.0	0.6	2	0.1	22.8	0.1	Off
EW-3012	0.5	4.2	833	-6.1	26.6	23.9	On
EW-3013	1.0	5.1	1,420	-6.5	33.7	23.9	On
EW-3014	0.3	0.7	270	-8.2	39.5	15.0	On
EW-3015	1.1	4.7	1,617	-6.2	46.3	23.9	On
EW-3016	0.8	2.5	1,223	-7.7	52.9	23.9	On
EW-3017	0.0	1.0	204	-6.5	55.3	10.5	Off
EW-3018	0.0	0.8	116	-8.8	55.1	6.4	On
EW-3019	0.9	3.0	1,300	-3.1	55.7	23.9	On
EW-3020	3.5	6.3	5,030	-2.0	45.6	23.9	On
EW-3021	0.3	0.7	492	-0.1	29.0	23.2	On
EW-3022	0.6	3.7	872	-2.4	38.6	23.9	On
EW-3023	2.7	6.6	3,986	-5.4	24.4	23.9	On
EW-3024	0.4	0.6	592	1.1	---	23.1	On
EW-3025	2.7	5.5	3,913	-4.3	41.5	23.9	On
EW-3026	3.6	3.9	5,241	-8.3	43.2	23.9	On
EW-3027	0.0	0.7	119	0.3	---	6.6	Off
EW-4001	1.9	2.5	2,824	1.5	29.1	23.9	On
EW-4002	2.2	6.2	3,191	-47.1	14.5	23.9	On
EW-4003	2.0	2.2	2,894	-21.9	---	23.9	On
EW-4004	1.7	1.8	2,379	-11.2	16.3	23.9	On
EW-4005	2.0	2.1	2,848	-12.1	---	23.9	On
EW-4006	1.5	4.1	2,203	-51.0	34.8	23.9	On
EW-4007	1.0	1.2	1,439	-1.2	39.6	23.9	On
EW-4008	1.9	2.7	2,844	-5.2	34.5	23.9	On
EW-4009	0.8	1.3	1,195	-19.5	34.9	23.9	On
EW-4010	2.0	2.7	3,062	3.1	44.3	23.9	On
EW-4011	2.1	2.5	2,995	-19.0	43.4	23.9	On
EW-5001	2.0	2.1	2,875	-23.7	---	23.9	On
EW-5002	0.0	1.9	20	8.1	21.6	0.2	Off
EW Totals	**153.2**		**218,327**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	215.6	181 GPM
FIT-500	199 GPM	194.5	232 GPM
Effluent Temp	96.8 °F		
Effluent pH	6.0		

Recharge and Injection Daily Report

February 26, 2016 12AM to February 27, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	26.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 26, 2016 12AM to February 27, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	40.0
Permeate Flow	FIT-642	0 GPM	28.7
Concentrate Flow	FIT-643	0 GPM	10.4

Inlet Conductivity	CIT-630	1,089.4 µS
Outlet Conductivity	CIT-642	82.5 µS
Hours Run		6.9 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 27, 2016 12AM to February 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.8	2,532	1.6	46.5	24.0	On
EW-2002	0.8	0.8	1,082	5.4	45.6	24.0	On
EW-2003	1.3	1.3	1,761	4.5	41.6	24.0	On
EW-2004	0.5	0.5	680	7.9	32.8	24.0	On
EW-2005	0.4	0.5	527	7.1	30.9	24.0	On
EW-2006	1.0	1.2	1,520	5.8	27.3	24.0	On
EW-2007	1.7	1.8	2,445	7.6	23.6	24.0	On
EW-2008	0.8	0.9	1,095	2.5	23.3	24.0	On
EW-2009	1.1	1.3	1,614	3.3	23.5	24.0	On
EW-2010	0.3	0.4	281	5.6	22.4	15.7	On
EW-2011	0.3	0.5	334	8.6	20.9	17.4	On
EW-2012	0.0	0.5	138	12.4	14.2	7.8	Off
EW-2013	0.3	0.6	268	18.9	14.2	13.0	On
EW-2014	0.9	1.1	1,353	13.1	17.3	24.0	On
EW-2015	0.5	0.6	545	11.8	13.8	21.9	On
EW-2016	0.6	0.7	743	10.1	---	23.2	On
EW-2017	1.3	1.4	1,878	12.1	---	24.0	On
EW-2018	0.6	1.2	868	10.9	---	24.0	On
EW-2019	0.0	0.4	175	13.0	---	9.9	Off
EW-2020	0.0	0.4	302	12.1	---	16.2	Off
EW-2021	0.3	0.3	258	13.4	---	14.2	On
EW-2022	0.3	0.5	413	13.0	---	19.5	On
EW-2023	0.4	0.5	426	12.8	---	17.4	On
EW-2024	0.0	0.5	262	11.8	---	13.1	Off
EW-2025	0.8	1.2	1,140	10.8	---	24.0	On
EW-2026	0.6	1.1	888	9.4	---	24.0	On
EW-2027	0.7	1.2	1,065	9.3	---	24.0	On
EW-2028	0.7	1.2	1,021	8.8	---	24.0	On
EW-2029	0.8	1.3	1,237	7.3	---	24.0	On
EW-2030	1.4	1.7	1,973	9.9	---	24.0	On
EW-2031	1.4	1.7	1,995	11.0	---	24.0	On
EW-2032	0.5	1.0	655	8.9	---	24.0	On
EW-2033	0.5	0.9	681	9.3	---	24.0	On
EW-2034	0.7	0.9	1,044	8.2	23.8	24.0	On
EW-2035	1.1	1.2	1,590	6.6	21.4	24.0	On
EW-2036	0.6	0.8	921	13.3	28.6	24.0	On
EW-2037	0.8	1.0	1,137	4.0	32.9	24.0	On
EW-2101	19.9	20.1	28,813	13.9	58.4	24.0	On
EW-2102	16.7	17.3	24,205	16.3	58.8	24.0	On
EW-2103	0.0	0.0	0	15.0	33.8	0.0	Off
EW-2104	43.1	43.4	61,875	12.7	58.3	24.0	On
EW-3001	0.0	0.0	0	1.6	14.1	0.0	Off
EW-3002	0.4	0.5	372	1.7	12.9	18.7	On
EW-3003	0.0	0.0	0	3.8	12.9	0.0	Off

Daily Log

February 27, 2016 12AM to February 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.7	0.7	942	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	1.1	1,230	-1.1	---	24.0	On
EW-3008	0.4	0.5	540	-0.4	---	24.0	On
EW-3009	3.6	3.6	5,033	-1.7	---	24.0	On
EW-3010	1.2	1.5	1,743	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	0.1	23.1	0.0	Off
EW-3012	0.6	0.9	829	-6.0	27.2	24.0	On
EW-3013	1.0	1.1	1,412	-6.1	34.7	24.0	On
EW-3014	0.3	0.4	265	-8.9	40.7	14.9	On
EW-3015	1.1	1.3	1,607	-5.9	47.6	24.0	On
EW-3016	0.8	1.0	1,214	-7.4	54.3	24.0	On
EW-3017	0.3	0.7	203	-6.5	56.9	10.6	On
EW-3018	0.0	0.5	114	-8.9	56.7	6.6	Off
EW-3019	0.9	1.0	1,291	-2.9	57.4	24.0	On
EW-3020	3.5	3.5	4,994	-2.1	45.8	24.0	On
EW-3021	0.3	0.4	501	0.5	28.8	23.8	On
EW-3022	0.6	0.7	841	-2.4	38.6	24.0	On
EW-3023	2.7	2.8	3,892	-5.3	24.9	24.0	On
EW-3024	0.5	0.6	560	0.8	---	23.0	On
EW-3025	2.7	2.7	3,793	-4.5	41.4	24.0	On
EW-3026	3.6	3.6	5,149	-8.5	43.1	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.0	2.0	2,709	1.3	29.1	24.0	On
EW-4002	2.2	2.4	3,172	-46.8	14.6	24.0	On
EW-4003	2.1	2.2	2,836	-22.5	---	24.0	On
EW-4004	1.7	1.8	2,315	-11.2	16.1	24.0	On
EW-4005	2.1	2.1	2,789	-12.8	---	24.0	On
EW-4006	1.5	1.6	2,183	-50.9	34.7	24.0	On
EW-4007	1.0	1.1	1,354	-1.7	39.6	24.0	On
EW-4008	2.1	2.2	2,832	-5.7	34.5	24.0	On
EW-4009	0.8	0.9	1,183	-19.9	35.8	24.0	On
EW-4010	2.1	2.1	2,924	3.1	44.2	24.0	On
EW-4011	2.1	2.1	2,982	-19.1	43.6	24.0	On
EW-5001	2.1	2.1	2,811	-24.2	---	24.0	On
EW-5002	0.0	0.0	0	8.0	21.5	0.0	Off
EW Totals	**153.0**		**218,358**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	215.6	160 GPM
FIT-500	195 GPM	186.6	231 GPM
Effluent Temp	97.7 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 27, 2016 12AM to February 28, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	27.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 27, 2016 12AM to February 28, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	3 GPM	38.1
Permeate Flow	FIT-642	0 GPM	27.7
Concentrate Flow	FIT-643	0 GPM	9.9

Inlet Conductivity	CIT-630	1,075.2 µS
Outlet Conductivity	CIT-642	99.3 µS
Hours Run		6.5 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	98.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 28, 2016 12AM to February 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.4	2,470	1.7	46.2	23.4	On
EW-2002	0.8	4.6	1,072	5.6	45.4	23.4	On
EW-2003	1.2	1.6	1,732	4.8	41.4	23.4	On
EW-2004	0.4	0.7	625	8.5	33.0	23.3	On
EW-2005	0.4	0.6	563	8.0	31.0	23.3	On
EW-2006	1.1	5.0	1,471	5.8	27.5	23.4	On
EW-2007	1.7	4.8	2,385	7.6	23.9	23.4	On
EW-2008	0.8	4.0	1,077	2.4	23.6	23.4	On
EW-2009	1.1	4.3	1,580	3.2	23.8	23.3	On
EW-2010	0.3	0.7	277	5.2	22.8	15.3	On
EW-2011	0.4	0.7	331	8.2	21.3	16.9	On
EW-2012	0.0	0.5	117	13.2	15.1	6.7	Off
EW-2013	0.3	0.5	264	18.4	15.1	13.5	On
EW-2014	0.9	5.6	1,308	12.9	18.2	23.4	On
EW-2015	0.4	0.6	528	12.3	14.6	21.7	On
EW-2016	0.6	0.7	727	10.5	---	23.1	On
EW-2017	1.3	4.4	1,822	12.1	---	23.4	On
EW-2018	0.6	7.5	851	10.9	---	23.4	On
EW-2019	0.3	0.4	175	12.7	---	9.9	On
EW-2020	0.0	0.4	302	10.4	---	16.2	Off
EW-2021	0.0	0.3	257	11.4	---	14.1	Off
EW-2022	0.0	0.5	409	11.7	---	19.3	Off
EW-2023	0.4	0.5	418	12.7	---	17.2	On
EW-2024	0.3	0.6	260	12.0	---	13.1	On
EW-2025	0.8	7.3	1,113	10.8	---	23.3	On
EW-2026	0.6	7.3	876	9.4	---	23.4	On
EW-2027	0.7	7.3	1,045	9.3	---	23.4	On
EW-2028	0.7	7.3	1,004	8.8	---	23.4	On
EW-2029	0.9	7.4	1,212	7.4	---	23.4	On
EW-2030	1.4	7.3	1,918	9.7	---	23.4	On
EW-2031	1.4	7.5	1,935	10.8	---	23.4	On
EW-2032	0.5	7.1	645	8.9	---	23.4	On
EW-2033	0.5	3.8	650	9.4	---	19.6	On
EW-2034	0.8	5.1	1,025	8.0	24.4	23.4	On
EW-2035	1.1	2.6	1,557	6.6	21.7	23.4	On
EW-2036	0.6	4.8	897	13.2	29.8	23.4	On
EW-2037	0.8	6.0	1,108	3.9	34.4	23.4	On
EW-2101	20.0	20.4	28,073	13.8	59.3	23.4	On
EW-2102	16.2	17.2	22,835	16.3	59.3	23.4	On
EW-2103	0.0	0.0	0	15.0	34.8	0.0	Off
EW-2104	43.0	43.9	60,259	12.7	59.0	23.4	On
EW-3001	0.0	0.0	0	1.5	14.9	0.0	Off
EW-3002	0.5	0.5	510	1.7	13.8	21.6	On
EW-3003	0.0	0.0	0	3.8	13.7	0.0	Off

Daily Log

February 28, 2016 12AM to February 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	5	1.3	---	0.3	Off
EW-3005	0.7	2.1	972	-0.4	---	23.3	On
EW-3006	0.0	0.4	3	0.4	---	0.1	Off
EW-3007	0.9	5.6	1,166	-1.1	---	23.3	On
EW-3008	0.4	0.5	497	-0.6	---	23.3	On
EW-3009	3.5	6.9	4,979	-1.7	---	23.3	On
EW-3010	1.2	5.8	1,653	-2.4	---	23.3	On
EW-3011	0.0	0.6	12	0.0	23.8	0.4	Off
EW-3012	0.6	5.4	817	-6.1	27.9	23.3	On
EW-3013	1.0	4.9	1,390	-6.4	35.3	23.3	On
EW-3014	0.3	0.5	262	-8.1	41.4	14.6	On
EW-3015	1.1	4.4	1,583	-6.3	48.4	23.3	On
EW-3016	0.8	2.4	1,196	-7.7	55.1	23.3	On
EW-3017	0.0	0.7	202	-5.1	57.8	10.4	Off
EW-3018	0.0	0.6	113	-9.1	57.6	6.7	Off
EW-3019	0.9	2.9	1,267	-3.1	58.5	23.3	On
EW-3020	3.5	5.6	4,892	-2.1	45.7	23.3	On
EW-3021	0.4	0.5	470	-0.3	29.9	23.1	On
EW-3022	0.6	4.7	828	-2.5	40.0	23.3	On
EW-3023	2.7	6.1	3,794	-5.3	25.5	23.3	On
EW-3024	0.4	0.6	534	1.0	---	21.9	On
EW-3025	2.7	5.6	3,786	-4.6	43.0	23.3	On
EW-3026	3.7	4.2	5,065	-8.6	44.7	23.3	On
EW-3027	0.0	0.7	41	0.2	---	2.3	Off
EW-4001	2.1	2.2	2,795	1.1	30.3	23.1	On
EW-4002	2.2	6.8	3,099	-47.1	15.5	23.1	On
EW-4003	2.0	3.0	2,773	-21.0	---	23.1	On
EW-4004	1.6	1.8	2,271	-10.3	16.6	23.1	On
EW-4005	2.0	2.1	2,769	-12.0	---	23.1	On
EW-4006	1.5	5.7	2,146	-51.1	36.1	23.1	On
EW-4007	1.0	1.1	1,407	-1.7	41.1	23.1	On
EW-4008	2.1	2.2	2,829	-5.7	35.5	23.1	On
EW-4009	0.8	0.9	1,110	-19.0	36.4	23.1	On
EW-4010	2.4	2.7	3,003	2.8	47.3	23.1	On
EW-4011	2.0	2.1	2,855	-17.3	46.6	23.1	On
EW-5001	2.0	2.1	2,769	-22.8	---	23.1	On
EW-5002	0.0	0.0	0	8.1	22.0	0.0	Off
EW Totals	**152.5**		**213,034**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	210.2	177 GPM
FIT-500	192 GPM	191.8	231 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

February 28, 2016 12AM to February 29, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	28.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 28, 2016 12AM to February 29, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	10 GPM	41.5
Permeate Flow	FIT-642	0 GPM	30.0
Concentrate Flow	FIT-643	0 GPM	10.8

Inlet Conductivity	CIT-630	1,064.0 µS
Outlet Conductivity	CIT-642	373.3 µS
Hours Run		7.2 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	96.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

February 29, 2016 12AM to March 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.7	2,499	1.5	47.9	24.0	On
EW-2002	0.8	2.2	1,077	5.4	47.1	24.0	On
EW-2003	1.2	1.7	1,736	4.6	43.1	24.0	On
EW-2004	0.4	0.6	620	8.3	34.3	23.9	On
EW-2005	0.4	0.6	548	7.1	32.3	23.9	On
EW-2006	1.0	1.8	1,487	5.7	28.7	24.0	On
EW-2007	1.7	2.1	2,422	7.4	25.1	24.0	On
EW-2008	0.8	4.1	1,090	2.6	24.6	23.6	On
EW-2009	1.1	4.4	1,599	3.4	24.8	23.6	On
EW-2010	0.3	0.7	275	5.9	23.8	15.1	On
EW-2011	0.3	0.6	329	8.9	22.3	16.8	On
EW-2012	0.3	0.4	122	12.1	15.6	7.0	On
EW-2013	0.0	0.6	263	18.5	15.7	12.9	Off
EW-2014	0.9	1.6	1,339	12.9	18.7	24.0	On
EW-2015	0.3	0.6	538	13.9	15.1	21.9	On
EW-2016	0.5	0.7	731	9.8	---	23.2	On
EW-2017	1.3	1.4	1,841	12.1	---	24.0	On
EW-2018	0.6	1.3	856	11.2	---	24.0	On
EW-2019	0.0	0.4	176	12.7	---	9.9	Off
EW-2020	0.0	0.5	301	11.2	---	16.0	Off
EW-2021	0.0	0.4	255	13.4	---	13.9	Off
EW-2022	0.0	0.5	410	11.0	---	19.0	Off
EW-2023	0.4	0.5	423	12.4	---	17.3	On
EW-2024	0.3	0.6	262	11.7	---	13.2	On
EW-2025	0.8	1.3	1,131	10.9	---	24.0	On
EW-2026	0.6	1.3	889	9.5	---	24.0	On
EW-2027	0.7	1.4	1,058	9.4	---	24.0	On
EW-2028	0.7	1.4	1,021	8.9	---	24.0	On
EW-2029	0.9	1.4	1,229	7.4	---	24.0	On
EW-2030	1.4	1.8	1,957	9.7	---	24.0	On
EW-2031	1.4	1.8	1,971	10.8	---	24.0	On
EW-2032	0.5	1.1	659	9.0	---	24.0	On
EW-2033	0.5	1.1	679	9.6	---	24.0	On
EW-2034	0.7	1.7	1,041	8.0	27.2	24.0	On
EW-2035	1.1	1.2	1,590	6.5	23.0	24.0	On
EW-2036	0.6	4.8	899	13.1	29.9	23.6	On
EW-2037	0.8	6.0	1,115	3.8	34.7	23.6	On
EW-2101	20.0	21.3	28,758	13.7	68.0	24.0	On
EW-2102	20.0	22.3	24,916	16.1	70.3	23.5	On
EW-2103	0.0	0.0	0	15.0	35.1	0.0	Off
EW-2104	42.9	44.4	60,920	12.7	59.4	23.6	On
EW-3001	0.0	0.0	0	1.5	15.5	0.0	Off
EW-3002	0.5	0.5	609	1.6	14.3	23.5	On
EW-3003	0.0	0.0	0	3.8	14.3	0.0	Off

Daily Log

February 29, 2016 12AM to March 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	4	1.3	---	0.2	Off
EW-3005	0.7	2.2	931	-0.5	---	23.5	On
EW-3006	0.0	0.6	2	0.4	---	0.1	Off
EW-3007	0.8	5.6	1,177	-1.2	---	23.6	On
EW-3008	0.4	0.5	511	-0.6	---	23.6	On
EW-3009	3.5	6.8	4,926	-1.8	---	23.6	On
EW-3010	1.2	5.8	1,640	-2.4	---	23.5	On
EW-3011	0.0	0.6	9	0.0	26.4	0.3	Off
EW-3012	0.5	5.3	816	-6.1	31.2	23.6	On
EW-3013	1.0	4.8	1,403	-6.4	39.7	23.6	On
EW-3014	0.3	0.8	264	-8.4	47.1	14.6	On
EW-3015	1.1	5.5	1,588	-6.2	55.7	23.5	On
EW-3016	0.8	2.1	1,203	-7.7	63.8	23.6	On
EW-3017	0.0	1.0	202	-5.7	66.4	10.3	Off
EW-3018	0.0	1.2	112	-9.2	66.2	6.0	Off
EW-3019	0.9	2.7	1,272	-3.1	67.0	23.5	On
EW-3020	3.5	5.8	4,931	-2.2	47.4	23.6	On
EW-3021	0.0	0.5	442	0.3	29.8	21.5	Off
EW-3022	0.6	4.7	833	-2.6	40.0	23.6	On
EW-3023	2.6	6.0	3,786	-5.5	28.5	23.6	On
EW-3024	0.3	0.6	528	1.5	---	22.3	On
EW-3025	2.7	5.7	3,807	-4.5	43.1	23.6	On
EW-3026	3.7	4.2	5,197	-8.6	44.8	23.6	On
EW-3027	0.0	0.7	22	0.2	---	1.2	Off
EW-4001	2.0	2.1	2,850	1.1	30.5	23.4	On
EW-4002	2.2	6.7	3,136	-47.2	16.0	23.4	On
EW-4003	2.0	3.3	2,747	-22.0	---	23.4	On
EW-4004	1.6	1.8	2,193	-10.4	17.8	23.4	On
EW-4005	2.0	2.1	2,716	-12.1	---	23.4	On
EW-4006	1.5	5.6	2,169	-51.1	36.1	23.4	On
EW-4007	1.1	1.1	1,435	-2.1	41.1	23.4	On
EW-4008	2.1	2.2	2,788	-5.6	35.8	23.4	On
EW-4009	0.9	1.2	1,137	-19.8	40.5	23.4	On
EW-4010	2.4	2.7	3,301	2.6	47.4	23.4	On
EW-4011	2.1	2.1	2,866	-17.7	46.8	23.4	On
EW-5001	2.0	2.2	2,736	-23.2	---	23.4	On
EW-5002	0.0	0.0	0	8.1	23.3	0.0	Off
EW Totals	**154.7**		**217,321**				

	Value	Total (KGal)	Peak Flow
FIT-100	152 GPM	214.1	182 GPM
FIT-500	192 GPM	193.1	232 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

February 29, 2016 12AM to March 1, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	28.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

February 29, 2016 12AM to March 1, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	42.0
Permeate Flow	FIT-642	0 GPM	30.2
Concentrate Flow	FIT-643	0 GPM	11.0

Inlet Conductivity	CIT-630	1,088.6 µS
Outlet Conductivity	CIT-642	116.0 µS
Hours Run		7.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 1, 2016 12AM to March 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,498	1.5	47.8	24.0	On
EW-2002	0.8	0.8	1,071	5.5	47.0	24.0	On
EW-2003	1.2	1.3	1,728	4.7	43.0	24.0	On
EW-2004	0.4	0.4	611	8.3	34.3	24.0	On
EW-2005	0.4	0.5	569	7.2	32.3	24.0	On
EW-2006	1.0	1.1	1,455	5.8	28.6	24.0	On
EW-2007	1.7	1.7	2,400	7.6	25.0	24.0	On
EW-2008	0.8	0.9	1,106	2.4	23.7	24.0	On
EW-2009	1.1	1.3	1,604	3.2	23.8	24.0	On
EW-2010	0.0	0.4	275	6.5	22.9	15.3	Off
EW-2011	0.0	0.5	328	9.4	21.4	17.0	Off
EW-2012	0.3	0.4	167	11.3	16.3	9.3	On
EW-2013	0.4	0.5	262	17.5	16.4	12.7	On
EW-2014	0.9	1.1	1,335	12.9	19.0	24.0	On
EW-2015	0.5	0.5	539	11.4	15.4	21.8	On
EW-2016	0.6	0.6	735	10.7	---	23.1	On
EW-2017	1.3	1.3	1,839	12.1	---	24.0	On
EW-2018	0.6	1.0	853	10.9	---	24.0	On
EW-2019	0.3	0.4	184	11.6	---	10.3	On
EW-2020	0.4	0.4	301	11.0	---	15.9	On
EW-2021	0.3	0.3	258	11.2	---	14.0	On
EW-2022	0.3	0.5	403	12.8	---	18.6	On
EW-2023	0.0	0.5	422	11.9	---	17.2	Off
EW-2024	0.0	0.5	262	10.3	---	12.9	Off
EW-2025	0.8	1.1	1,128	10.8	---	24.0	On
EW-2026	0.6	0.9	885	9.4	---	24.0	On
EW-2027	0.7	1.0	1,055	9.3	---	24.0	On
EW-2028	0.7	1.0	1,019	8.8	---	24.0	On
EW-2029	0.9	1.1	1,227	7.3	---	24.0	On
EW-2030	1.4	1.5	1,954	9.7	---	24.0	On
EW-2031	1.4	1.5	1,961	10.8	---	24.0	On
EW-2032	0.5	0.8	658	8.9	---	24.0	On
EW-2033	0.5	0.8	681	9.4	---	24.0	On
EW-2034	0.7	0.9	1,038	7.9	27.5	24.0	On
EW-2035	1.1	1.5	1,588	6.6	23.0	24.0	On
EW-2036	0.6	0.8	893	13.3	30.6	24.0	On
EW-2037	0.8	1.2	1,115	3.8	35.2	24.0	On
EW-2101	20.0	20.2	28,824	13.7	69.3	24.0	On
EW-2102	19.5	20.1	28,258	16.0	71.0	24.0	On
EW-2103	0.0	5.2	51	14.9	35.5	0.2	Off
EW-2104	42.8	43.2	61,716	12.6	59.4	24.0	On
EW-3001	0.0	0.0	0	1.5	16.2	0.0	Off
EW-3002	0.5	0.5	631	1.8	14.9	24.0	On
EW-3003	0.0	0.0	0	3.8	14.7	0.0	Off

Daily Log

March 1, 2016 12AM to March 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.7	901	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	1.0	1,175	-1.2	---	24.0	On
EW-3008	0.4	0.5	523	-0.5	---	24.0	On
EW-3009	3.5	3.5	4,971	-1.7	---	24.0	On
EW-3010	1.2	1.3	1,639	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.1	26.9	0.0	Off
EW-3012	0.5	0.8	819	-6.2	31.8	24.0	On
EW-3013	1.0	1.2	1,410	-6.5	40.4	24.0	On
EW-3014	0.0	0.4	262	-8.1	47.8	14.8	Off
EW-3015	1.1	1.3	1,593	-6.3	56.7	24.0	On
EW-3016	0.8	1.0	1,204	-7.6	64.7	24.0	On
EW-3017	0.0	1.1	202	-5.4	67.6	10.4	Off
EW-3018	0.3	0.7	111	-8.8	67.4	5.9	On
EW-3019	0.9	1.0	1,267	-3.2	68.0	24.0	On
EW-3020	3.5	3.5	5,008	-2.2	47.3	24.0	On
EW-3021	0.4	0.5	388	-0.1	30.5	19.4	On
EW-3022	0.5	0.7	817	-2.2	40.1	24.0	On
EW-3023	2.6	2.7	3,739	-5.6	29.1	24.0	On
EW-3024	0.4	0.6	535	0.9	---	22.5	On
EW-3025	2.6	2.7	3,823	-4.5	43.1	24.0	On
EW-3026	3.6	3.7	5,246	-8.5	44.7	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.1	2.2	2,914	0.7	31.1	24.0	On
EW-4002	2.2	2.4	3,174	-47.2	16.6	24.0	On
EW-4003	2.0	2.1	2,858	-22.1	---	24.0	On
EW-4004	1.7	1.7	2,284	-10.8	17.8	24.0	On
EW-4005	2.0	2.0	2,807	-12.4	---	24.0	On
EW-4006	1.5	1.7	2,177	-51.0	36.4	24.0	On
EW-4007	1.0	1.1	1,497	-2.1	41.3	24.0	On
EW-4008	2.0	2.3	2,889	-6.1	36.2	24.0	On
EW-4009	0.9	0.9	1,186	-20.2	41.3	24.0	On
EW-4010	2.3	2.4	3,365	2.6	47.9	24.0	On
EW-4011	2.1	2.2	2,978	-19.0	47.3	24.0	On
EW-5001	2.0	2.1	2,843	-23.4	---	24.0	On
EW-5002	0.0	2.1	20	8.1	23.4	0.2	Off
EW Totals	**155.1**		**222,512**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	219.2	162 GPM
FIT-500	193 GPM	190.9	231 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

March 1, 2016 12AM to March 2, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	27.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 1, 2016 12AM to March 2, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	38.3
Permeate Flow	FIT-642	0 GPM	27.6
Concentrate Flow	FIT-643	0 GPM	10.1

Inlet Conductivity	CIT-630	1,108.5 µS
Outlet Conductivity	CIT-642	201.7 µS
Hours Run		6.8 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 2, 2016 12AM to March 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,468	1.8	47.5	24.0	On
EW-2002	0.7	0.8	1,055	5.6	46.8	24.0	On
EW-2003	1.2	1.2	1,695	4.8	42.9	24.0	On
EW-2004	0.4	0.5	609	8.3	34.5	24.0	On
EW-2005	0.4	0.5	564	7.2	32.5	23.9	On
EW-2006	1.0	1.1	1,419	5.9	28.8	24.0	On
EW-2007	1.6	1.7	2,364	7.7	25.3	24.0	On
EW-2008	0.8	0.9	1,104	2.5	25.4	24.0	On
EW-2009	1.2	1.3	1,597	3.3	25.6	24.0	On
EW-2010	0.4	0.5	275	5.9	24.6	14.7	On
EW-2011	0.4	0.5	329	8.2	23.1	16.4	On
EW-2012	0.0	0.4	165	12.0	15.7	9.0	Off
EW-2013	0.0	0.5	256	18.9	15.7	12.3	Off
EW-2014	1.1	1.4	1,327	13.0	18.9	24.0	On
EW-2015	0.5	0.7	530	12.0	15.4	21.5	On
EW-2016	0.6	0.7	733	10.1	---	23.3	On
EW-2017	1.3	1.4	1,830	12.3	---	24.0	On
EW-2018	0.6	1.1	851	10.9	---	24.0	On
EW-2019	0.0	0.4	184	13.1	---	9.8	Off
EW-2020	0.0	0.4	298	11.8	---	15.5	Off
EW-2021	0.3	0.3	254	11.2	---	13.7	On
EW-2022	0.5	0.5	404	12.6	---	18.1	On
EW-2023	0.5	0.5	418	12.1	---	16.9	On
EW-2024	0.0	0.6	258	11.5	---	12.5	Off
EW-2025	0.7	1.2	1,120	10.8	---	24.0	On
EW-2026	0.6	1.0	877	9.4	---	24.0	On
EW-2027	0.7	1.2	1,047	9.3	---	24.0	On
EW-2028	0.7	1.2	1,013	8.8	---	24.0	On
EW-2029	0.8	1.2	1,221	7.3	---	24.0	On
EW-2030	1.6	1.6	1,943	9.7	---	24.0	On
EW-2031	1.6	1.6	1,944	10.9	---	24.0	On
EW-2032	0.4	0.9	657	8.9	---	24.0	On
EW-2033	0.5	0.9	675	9.3	---	24.0	On
EW-2034	0.8	0.9	1,034	8.2	28.2	24.0	On
EW-2035	1.1	1.2	1,581	6.6	23.3	24.0	On
EW-2036	0.6	1.8	882	13.4	30.1	24.0	On
EW-2037	0.9	1.8	1,105	4.0	34.6	24.0	On
EW-2101	20.0	20.2	28,809	13.6	71.0	24.0	On
EW-2102	19.0	19.7	27,545	15.9	72.4	24.0	On
EW-2103	0.0	0.0	0	14.9	35.3	0.0	Off
EW-2104	42.9	43.3	60,840	12.6	59.1	24.0	On
EW-3001	0.0	0.0	0	1.5	15.7	0.0	Off
EW-3002	0.5	0.6	626	1.9	14.5	23.9	On
EW-3003	0.0	0.0	0	3.8	14.5	0.0	Off

Daily Log

March 2, 2016 12AM to March 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.7	861	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	1.0	1.1	1,176	-1.1	---	24.0	On
EW-3008	0.4	0.5	498	-0.4	---	24.0	On
EW-3009	3.4	3.5	4,923	-1.6	---	24.0	On
EW-3010	1.3	1.3	1,618	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.1	27.5	0.0	Off
EW-3012	0.8	0.8	821	-6.1	32.8	24.0	On
EW-3013	1.1	1.2	1,407	-6.2	41.8	24.0	On
EW-3014	0.4	0.5	261	-8.7	49.4	14.4	On
EW-3015	1.2	1.3	1,586	-6.0	58.4	24.0	On
EW-3016	0.8	1.0	1,198	-7.3	66.7	24.0	On
EW-3017	0.3	0.8	202	-6.2	69.6	10.4	On
EW-3018	0.0	0.7	111	-8.8	69.4	5.9	Off
EW-3019	0.8	1.1	1,263	-3.0	70.2	24.0	On
EW-3020	3.4	3.5	4,950	-1.8	47.0	24.0	On
EW-3021	0.0	0.7	369	0.7	29.9	18.4	Off
EW-3022	0.6	1.3	818	-2.5	39.7	24.0	On
EW-3023	2.5	2.7	3,661	-5.2	29.8	24.0	On
EW-3024	0.5	0.6	543	1.4	---	22.5	On
EW-3025	2.6	3.0	3,783	-4.4	42.5	24.0	On
EW-3026	3.6	3.8	5,184	-8.4	44.1	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.0	2.5	2,956	1.2	30.6	24.0	On
EW-4002	2.4	2.4	3,151	-47.1	16.1	24.0	On
EW-4003	2.1	2.2	2,898	-22.8	---	24.0	On
EW-4004	1.7	1.8	2,328	-11.2	18.1	24.0	On
EW-4005	2.1	2.2	2,854	-12.9	---	24.0	On
EW-4006	1.5	2.0	2,152	-51.0	35.9	24.0	On
EW-4007	1.1	1.2	1,467	-2.0	40.7	24.0	On
EW-4008	2.0	2.7	2,927	-5.7	35.9	24.0	On
EW-4009	0.8	0.9	1,182	-20.3	42.4	24.0	On
EW-4010	2.0	2.5	3,210	2.8	45.6	24.0	On
EW-4011	2.1	2.5	3,016	-18.7	45.1	24.0	On
EW-5001	2.1	2.2	2,884	-24.2	---	24.0	On
EW-5002	0.0	0.0	0	8.0	23.6	0.0	Off
EW Totals	**155.8**		**220,163**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	216.9	160 GPM
FIT-500	191 GPM	199.7	232 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

March 2, 2016 12AM to March 3, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	28.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 2, 2016 12AM to March 3, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	40.2
Permeate Flow	FIT-642	0 GPM	29.0
Concentrate Flow	FIT-643	0 GPM	10.5

Inlet Conductivity	CIT-630	1,150.8 µS
Outlet Conductivity	CIT-642	241.9 µS
Hours Run		7.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	94.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 3, 2016 12AM to March 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.2	2,477	1.6	45.7	24.0	On
EW-2002	0.8	1.6	1,056	5.6	44.9	24.0	On
EW-2003	0.9	1.4	1,554	6.1	40.9	24.0	On
EW-2004	0.4	0.6	606	8.5	32.8	23.9	On
EW-2005	0.4	0.5	556	7.4	30.9	23.9	On
EW-2006	1.0	1.2	1,388	5.9	27.3	24.0	On
EW-2007	1.6	1.8	2,344	7.7	23.8	24.0	On
EW-2008	0.8	0.9	1,088	2.4	22.3	24.0	On
EW-2009	1.1	1.3	1,593	3.2	22.5	24.0	On
EW-2010	0.0	0.5	274	5.2	21.7	14.9	Off
EW-2011	0.0	0.5	327	8.3	20.5	16.8	Off
EW-2012	0.0	0.4	159	10.8	14.8	8.9	Off
EW-2013	0.0	0.5	259	17.4	14.9	12.9	Off
EW-2014	0.9	1.1	1,324	12.9	18.1	24.0	On
EW-2015	0.5	0.6	528	13.1	14.6	21.4	On
EW-2016	0.6	0.7	714	11.7	---	22.6	On
EW-2017	1.3	1.4	1,824	12.1	---	24.0	On
EW-2018	0.6	1.1	851	10.9	---	24.0	On
EW-2019	0.0	0.5	183	11.5	---	9.8	Off
EW-2020	0.0	0.5	298	10.8	---	15.7	Off
EW-2021	0.3	0.4	252	12.5	---	13.7	On
EW-2022	0.5	0.6	405	11.8	---	18.4	On
EW-2023	0.4	0.5	419	10.7	---	17.1	On
EW-2024	0.3	0.6	258	11.8	---	12.8	On
EW-2025	0.8	1.1	1,122	10.8	---	24.0	On
EW-2026	0.6	1.0	876	9.4	---	24.0	On
EW-2027	0.7	1.1	1,049	9.3	---	24.0	On
EW-2028	0.7	1.1	1,016	8.8	---	24.0	On
EW-2029	0.9	1.2	1,219	7.3	---	24.0	On
EW-2030	1.4	1.6	1,943	9.7	---	24.0	On
EW-2031	1.4	1.6	1,941	10.8	---	24.0	On
EW-2032	0.5	0.9	653	8.9	---	24.0	On
EW-2033	0.5	0.8	674	9.3	---	24.0	On
EW-2034	0.7	0.9	1,028	8.2	27.3	24.0	On
EW-2035	1.1	1.5	1,581	6.7	22.1	24.0	On
EW-2036	0.6	0.9	874	13.0	29.6	24.0	On
EW-2037	0.8	1.1	1,097	3.8	33.8	24.0	On
EW-2101	20.0	20.2	28,828	13.6	71.8	24.0	On
EW-2102	18.5	19.3	27,169	15.9	72.4	24.0	On
EW-2103	0.0	5.2	41	14.9	34.6	0.1	Off
EW-2104	42.9	43.4	61,852	12.6	58.5	24.0	On
EW-3001	0.0	0.0	0	1.5	14.6	0.0	Off
EW-3002	0.5	0.5	645	1.9	13.5	24.0	On
EW-3003	0.0	0.0	0	3.8	13.6	0.0	Off

Daily Log

March 3, 2016 12AM to March 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.7	880	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	1.1	1,150	-1.2	---	24.0	On
EW-3008	0.4	0.5	534	-0.5	---	24.0	On
EW-3009	3.4	3.6	4,896	-1.6	---	24.0	On
EW-3010	1.1	1.3	1,588	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.1	26.6	0.0	Off
EW-3012	0.6	0.8	825	-6.2	32.0	24.0	On
EW-3013	1.0	1.2	1,404	-6.5	41.1	24.0	On
EW-3014	0.0	0.4	260	-8.4	49.0	14.6	Off
EW-3015	1.2	1.3	1,584	-6.2	58.3	24.0	On
EW-3016	0.9	1.0	1,199	-7.4	66.7	24.0	On
EW-3017	0.3	0.9	203	-7.4	70.1	10.4	On
EW-3018	0.0	0.8	111	-9.1	69.9	5.9	Off
EW-3019	0.9	1.0	1,263	-2.9	70.6	24.0	On
EW-3020	3.4	3.9	4,943	-2.0	45.2	24.0	On
EW-3021	0.0	0.5	392	1.0	28.9	19.4	Off
EW-3022	0.6	0.7	794	-2.5	38.5	24.0	On
EW-3023	2.5	2.8	3,601	-5.3	29.0	24.0	On
EW-3024	0.5	0.6	526	1.0	---	22.1	On
EW-3025	2.6	2.8	3,781	-4.5	41.4	24.0	On
EW-3026	3.6	3.7	5,124	-8.4	42.9	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.1	2.2	2,998	0.6	30.1	24.0	On
EW-4002	2.2	2.4	3,140	-47.2	15.2	24.0	On
EW-4003	2.1	2.2	2,998	-23.2	---	24.0	On
EW-4004	1.7	1.8	2,442	-11.5	16.9	24.0	On
EW-4005	2.1	2.2	3,001	-13.8	---	24.0	On
EW-4006	1.5	1.6	2,133	-51.2	34.7	24.0	On
EW-4007	1.1	1.1	1,493	-2.3	39.7	24.0	On
EW-4008	2.1	2.3	2,984	-6.3	35.3	24.0	On
EW-4009	0.9	0.9	1,197	-20.7	41.9	24.0	On
EW-4010	2.1	2.2	3,036	2.5	45.5	24.0	On
EW-4011	2.1	2.1	3,019	-19.6	44.9	24.0	On
EW-5001	2.1	2.2	2,999	-24.7	---	24.0	On
EW-5002	0.0	2.1	16	7.8	22.4	0.1	Off
EW Totals	**153.2**		**220,858**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	217.5	161 GPM
FIT-500	71 GPM	188.3	230 GPM
Effluent Temp	94.7 °F		
Effluent pH	7.0		

Recharge and Injection Daily Report

March 3, 2016 12AM to March 4, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	29.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 3, 2016 12AM to March 4, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	42.9
Permeate Flow	FIT-642	70 GPM	30.9
Concentrate Flow	FIT-643	25 GPM	11.2

Inlet Conductivity	CIT-630	1,057.0 µS
Outlet Conductivity	CIT-642	25.2 µS
Hours Run		7.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 4, 2016 12AM to March 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.4	2,442	1.6	45.9	23.9	On
EW-2002	0.7	4.6	1,052	5.4	45.2	23.9	On
EW-2003	1.2	1.8	1,554	4.8	41.2	23.9	On
EW-2004	0.4	1.4	639	8.0	32.7	23.8	On
EW-2005	0.4	1.5	534	7.3	30.7	23.6	On
EW-2006	1.0	5.1	1,372	5.7	27.0	23.9	On
EW-2007	1.6	5.0	2,331	7.4	23.4	23.9	On
EW-2008	0.7	4.0	1,069	2.6	22.8	23.9	On
EW-2009	1.0	4.4	1,557	3.4	23.0	23.8	On
EW-2010	0.3	0.7	271	6.6	22.1	14.5	On
EW-2011	0.3	0.7	324	9.2	20.6	16.4	On
EW-2012	0.0	0.5	149	12.7	14.3	8.3	Off
EW-2013	0.3	2.0	255	18.5	14.4	12.3	On
EW-2014	0.9	3.3	1,318	12.9	17.6	24.0	On
EW-2015	0.4	0.7	527	12.7	14.0	21.5	On
EW-2016	0.5	0.7	721	10.0	---	22.9	On
EW-2017	1.3	4.3	1,815	12.2	---	23.9	On
EW-2018	0.6	2.2	848	11.0	---	24.0	On
EW-2019	0.3	0.5	174	11.3	---	9.1	On
EW-2020	0.0	0.5	295	11.0	---	15.5	Off
EW-2021	0.0	0.4	253	12.6	---	13.9	Off
EW-2022	0.0	0.6	401	12.3	---	17.9	Off
EW-2023	0.4	0.5	413	12.7	---	16.9	On
EW-2024	0.0	0.6	257	12.0	---	12.5	Off
EW-2025	0.8	2.7	1,114	10.8	---	24.0	On
EW-2026	0.6	2.2	871	9.4	---	24.0	On
EW-2027	0.7	2.7	1,042	9.3	---	24.0	On
EW-2028	0.7	2.7	1,011	8.8	---	24.0	On
EW-2029	0.9	3.2	1,214	7.3	---	24.0	On
EW-2030	1.4	4.7	1,932	9.7	---	24.0	On
EW-2031	1.3	4.8	1,927	10.8	---	24.0	On
EW-2032	0.5	1.4	650	8.9	---	24.0	On
EW-2033	0.5	1.7	670	9.5	---	24.0	On
EW-2034	0.7	2.9	1,024	7.9	26.8	24.0	On
EW-2035	1.1	2.7	1,578	6.4	21.5	24.0	On
EW-2036	0.6	4.7	862	13.2	29.2	23.9	On
EW-2037	0.8	5.7	1,088	3.9	34.2	23.9	On
EW-2101	19.6	21.2	28,159	13.6	70.9	23.8	On
EW-2102	18.7	25.5	26,844	15.9	72.6	23.9	On
EW-2103	0.0	0.0	0	14.9	34.4	0.0	Off
EW-2104	43.0	44.3	61,477	12.5	58.4	23.9	On
EW-3001	0.0	0.0	0	1.5	14.2	0.0	Off
EW-3002	0.5	2.0	637	1.8	13.1	23.8	On
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

March 4, 2016 12AM to March 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	1	1.3	---	0.1	Off
EW-3005	0.7	2.4	907	-0.4	---	23.8	On
EW-3006	0.0	0.4	0	0.4	---	0.0	Off
EW-3007	0.8	5.0	1,142	-1.1	---	23.8	On
EW-3008	0.4	0.5	518	-0.6	---	23.8	On
EW-3009	3.4	6.9	4,834	-1.8	---	23.8	On
EW-3010	1.1	5.8	1,568	-2.4	---	23.8	On
EW-3011	0.0	0.6	5	0.1	26.1	0.2	Off
EW-3012	0.6	5.3	822	-6.2	31.5	23.8	On
EW-3013	1.0	4.9	1,397	-6.5	40.7	23.8	On
EW-3014	0.0	0.8	259	-8.0	48.5	14.4	On
EW-3015	1.1	5.3	1,577	-6.3	57.9	23.7	On
EW-3016	0.9	2.2	1,194	-7.7	66.5	23.8	On
EW-3017	0.0	1.2	199	-5.0	69.5	10.1	Off
EW-3018	0.0	0.9	109	-8.8	69.3	5.8	On
EW-3019	0.9	3.5	1,258	-3.1	69.9	23.8	On
EW-3020	3.4	6.3	4,900	-1.9	45.5	23.8	On
EW-3021	0.3	0.5	395	0.0	28.9	19.5	On
EW-3022	0.5	4.7	783	-2.4	38.1	23.8	On
EW-3023	2.5	5.4	3,565	-5.3	28.5	23.8	On
EW-3024	0.3	0.6	530	1.6	---	22.1	On
EW-3025	2.6	5.8	3,751	-4.5	40.9	23.8	On
EW-3026	3.5	4.2	5,056	-8.4	42.5	23.8	On
EW-3027	0.0	0.7	11	0.2	---	0.6	Off
EW-4001	2.1	2.1	2,932	0.6	29.7	23.8	On
EW-4002	2.2	6.4	3,131	-47.0	14.7	23.8	On
EW-4003	2.1	2.4	2,925	-24.2	---	23.8	On
EW-4004	1.7	2.0	2,388	-12.6	16.3	23.8	On
EW-4005	2.1	2.2	2,908	-14.2	---	23.8	On
EW-4006	1.5	5.0	2,116	-50.9	34.6	23.8	On
EW-4007	1.1	1.1	1,464	-2.4	39.3	23.8	On
EW-4008	2.1	2.2	2,920	-6.4	35.0	23.8	On
EW-4009	0.9	2.1	1,183	-21.3	41.4	23.8	On
EW-4010	2.4	2.7	3,286	2.3	48.0	23.8	On
EW-4011	2.2	2.3	3,085	-21.3	47.4	23.8	On
EW-5001	2.1	2.3	2,922	-25.5	---	23.8	On
EW-5002	0.0	0.0	0	7.8	21.9	0.0	Off
EW Totals	**152.6**		**218,717**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	215.5	164 GPM
FIT-500	177 GPM	187.7	230 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

March 4, 2016 12AM to March 5, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	30.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 4, 2016 12AM to March 5, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	98 GPM	43.9
Permeate Flow	FIT-642	69 GPM	31.6
Concentrate Flow	FIT-643	28 GPM	11.5

Inlet Conductivity	CIT-630	1,060.2 µS
Outlet Conductivity	CIT-642	24.9 µS
Hours Run		7.6 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 5, 2016 12AM to March 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,447	1.5	45.7	24.0	On
EW-2002	0.8	0.8	1,059	5.3	45.0	24.0	On
EW-2003	1.0	1.2	1,567	5.5	41.0	24.0	On
EW-2004	0.4	0.5	629	8.1	32.6	24.0	On
EW-2005	0.4	0.4	546	7.2	30.5	24.0	On
EW-2006	1.0	1.0	1,355	5.7	26.8	24.0	On
EW-2007	1.6	1.7	2,325	7.5	23.2	24.0	On
EW-2008	0.7	0.9	1,064	2.4	22.0	24.0	On
EW-2009	1.0	1.1	1,502	3.2	22.1	24.0	On
EW-2010	0.0	0.4	273	6.0	21.2	14.8	Off
EW-2011	0.0	0.5	325	9.0	19.7	16.6	Off
EW-2012	0.3	0.5	154	13.2	14.3	8.5	On
EW-2013	0.0	0.5	258	17.7	14.3	12.7	Off
EW-2014	0.9	1.0	1,313	12.9	17.6	24.0	On
EW-2015	0.0	0.5	525	12.4	13.9	21.2	Off
EW-2016	0.4	0.6	706	12.2	---	22.4	On
EW-2017	1.3	1.3	1,817	12.3	---	24.0	On
EW-2018	0.6	0.9	845	10.9	---	24.0	On
EW-2019	0.0	0.4	172	12.7	---	8.9	Off
EW-2020	0.3	0.4	296	10.4	---	15.6	On
EW-2021	0.3	0.3	252	12.4	---	13.8	On
EW-2022	0.4	0.5	404	12.0	---	17.9	On
EW-2023	0.4	0.6	421	12.2	---	17.0	On
EW-2024	0.3	0.5	256	11.8	---	12.6	On
EW-2025	0.8	1.0	1,113	10.8	---	24.0	On
EW-2026	0.6	0.9	871	9.4	---	24.0	On
EW-2027	0.7	1.0	1,045	9.3	---	24.0	On
EW-2028	0.7	1.0	1,011	8.8	---	24.0	On
EW-2029	0.8	1.1	1,214	7.3	---	24.0	On
EW-2030	1.3	1.5	1,929	9.7	---	24.0	On
EW-2031	1.3	1.5	1,925	10.8	---	24.0	On
EW-2032	0.5	0.8	649	8.9	---	24.0	On
EW-2033	0.4	0.8	674	9.4	---	24.0	On
EW-2034	0.7	0.8	1,019	8.1	26.8	24.0	On
EW-2035	1.1	1.1	1,583	6.4	21.4	24.0	On
EW-2036	0.6	0.7	854	13.2	29.2	24.0	On
EW-2037	0.8	0.9	1,080	4.0	34.2	24.0	On
EW-2101	19.3	19.7	27,930	13.6	71.8	24.0	On
EW-2102	18.5	19.0	26,811	15.9	73.1	24.0	On
EW-2103	0.0	0.0	0	14.9	34.4	0.0	Off
EW-2104	43.0	43.3	61,823	12.5	58.5	24.0	On
EW-3001	0.0	0.0	0	1.5	14.2	0.0	Off
EW-3002	0.5	0.5	642	2.0	13.0	24.0	On
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

March 5, 2016 12AM to March 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.7	909	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	0.9	1,097	-1.1	---	24.0	On
EW-3008	0.4	0.5	539	-0.6	---	24.0	On
EW-3009	3.4	3.4	4,850	-1.8	---	24.0	On
EW-3010	1.1	1.2	1,555	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.1	26.1	0.0	Off
EW-3012	0.6	0.8	823	-6.2	31.7	24.0	On
EW-3013	1.0	1.1	1,393	-6.3	41.1	24.0	On
EW-3014	0.0	0.4	261	-8.5	48.9	14.6	Off
EW-3015	1.1	1.2	1,575	-6.0	58.3	24.0	On
EW-3016	0.8	0.9	1,192	-7.6	67.1	24.0	On
EW-3017	0.3	0.7	202	-5.0	71.8	10.5	On
EW-3018	0.0	0.8	110	-9.4	71.0	5.9	Off
EW-3019	0.9	1.0	1,253	-2.9	70.9	24.0	On
EW-3020	3.4	3.5	4,907	-2.0	45.2	24.0	On
EW-3021	0.4	0.4	412	-0.3	28.9	20.3	On
EW-3022	0.5	0.6	760	-2.4	38.2	24.0	On
EW-3023	2.4	2.5	3,529	-5.3	28.6	24.0	On
EW-3024	0.0	0.6	529	0.8	---	21.9	Off
EW-3025	2.6	2.6	3,750	-4.5	41.0	24.0	On
EW-3026	3.5	3.5	5,023	-8.5	42.5	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	2.1	2.1	2,982	0.5	29.7	24.0	On
EW-4002	2.2	2.3	3,130	-47.2	14.7	24.0	On
EW-4003	2.1	2.1	3,006	-24.0	---	24.0	On
EW-4004	1.8	1.8	2,478	-12.6	16.2	24.0	On
EW-4005	2.1	2.1	2,983	-14.3	---	24.0	On
EW-4006	1.5	1.5	2,100	-50.9	34.6	24.0	On
EW-4007	1.0	1.1	1,500	-2.4	39.3	24.0	On
EW-4008	2.1	2.2	2,966	-6.3	35.0	24.0	On
EW-4009	0.9	0.9	1,188	-20.4	41.8	24.0	On
EW-4010	2.4	2.4	3,422	2.3	48.1	24.0	On
EW-4011	2.2	2.3	3,191	-21.4	47.4	24.0	On
EW-5001	2.1	2.1	3,002	-25.5	---	24.0	On
EW-5002	0.0	0.0	0	7.7	21.8	0.0	Off
EW Totals	**152.1**		**219,300**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	216.2	156 GPM
FIT-500	190 GPM	195.5	231 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

March 5, 2016 12AM to March 6, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	28.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 5, 2016 12AM to March 6, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	43.0
Permeate Flow	FIT-642	2 GPM	30.9
Concentrate Flow	FIT-643	0 GPM	11.3

Inlet Conductivity	CIT-630	1,066.0 µS
Outlet Conductivity	CIT-642	64.0 µS
Hours Run		7.5 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 6, 2016 12AM to March 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,454	1.6	45.7	24.0	On
EW-2002	0.7	0.8	1,054	5.5	45.0	24.0	On
EW-2003	0.9	1.0	1,396	6.1	41.0	24.0	On
EW-2004	0.4	0.5	628	8.1	32.9	24.0	On
EW-2005	0.4	0.4	553	7.2	30.9	24.0	On
EW-2006	0.9	1.0	1,325	5.9	27.1	24.0	On
EW-2007	1.6	1.6	2,295	7.6	23.5	24.0	On
EW-2008	0.7	0.9	1,059	2.4	22.5	24.0	On
EW-2009	1.0	1.1	1,497	3.2	22.6	24.0	On
EW-2010	0.0	0.4	271	5.7	21.7	14.9	Off
EW-2011	0.0	0.5	323	8.7	20.2	16.7	Off
EW-2012	0.0	0.4	157	12.2	14.9	8.8	Off
EW-2013	0.0	0.5	256	17.3	14.9	12.7	Off
EW-2014	0.9	1.1	1,314	12.9	18.2	24.0	On
EW-2015	0.2	0.5	522	11.4	14.5	21.4	Off
EW-2016	0.6	0.6	717	9.9	---	22.7	On
EW-2017	1.3	1.3	1,812	12.3	---	24.0	On
EW-2018	0.6	1.0	845	10.9	---	24.0	On
EW-2019	0.3	0.4	173	12.6	---	9.3	On
EW-2020	0.4	0.4	294	10.8	---	15.6	On
EW-2021	0.3	0.3	250	13.4	---	13.7	On
EW-2022	0.4	0.5	399	12.1	---	18.2	On
EW-2023	0.5	0.5	415	11.2	---	16.1	On
EW-2024	0.3	0.5	257	11.5	---	12.9	On
EW-2025	0.8	1.1	1,112	10.8	---	24.0	On
EW-2026	0.6	0.9	869	9.4	---	24.0	On
EW-2027	0.7	1.1	1,042	9.3	---	24.0	On
EW-2028	0.7	1.1	1,007	8.8	---	24.0	On
EW-2029	0.8	1.1	1,210	7.4	---	24.0	On
EW-2030	1.3	1.5	1,926	9.7	---	24.0	On
EW-2031	1.3	1.5	1,918	10.8	---	24.0	On
EW-2032	0.5	0.8	652	8.9	---	24.0	On
EW-2033	0.5	0.8	668	9.4	---	24.0	On
EW-2034	0.7	0.8	1,020	8.1	27.6	24.0	On
EW-2035	1.1	1.1	1,574	6.7	21.8	24.0	On
EW-2036	0.6	0.7	848	13.3	29.7	24.0	On
EW-2037	0.8	0.9	1,076	4.1	34.7	24.0	On
EW-2101	18.9	19.5	27,631	13.6	72.8	24.0	On
EW-2102	18.0	18.7	26,315	15.9	73.7	24.0	On
EW-2103	0.0	0.0	0	14.9	34.9	0.0	Off
EW-2104	42.7	43.3	61,765	12.5	58.7	24.0	On
EW-3001	0.0	0.0	0	1.5	14.5	0.0	Off
EW-3002	0.5	0.5	656	2.1	13.5	24.0	On
EW-3003	0.0	0.0	0	3.8	13.5	0.0	Off

Daily Log

March 6, 2016 12AM to March 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.6	875	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	0.9	1,120	-1.2	---	24.0	On
EW-3008	0.4	0.5	536	-0.5	---	24.0	On
EW-3009	3.3	3.4	4,820	-1.7	---	24.0	On
EW-3010	1.1	1.2	1,530	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.1	26.9	0.0	Off
EW-3012	0.6	0.8	827	-6.0	32.6	24.0	On
EW-3013	0.9	1.1	1,393	-6.2	42.1	24.0	On
EW-3014	0.3	0.4	260	-8.4	49.9	14.7	On
EW-3015	1.0	1.2	1,570	-6.0	59.2	24.0	On
EW-3016	0.8	0.9	1,187	-7.5	67.9	24.0	On
EW-3017	0.4	1.0	203	-5.2	71.6	10.5	On
EW-3018	0.3	0.7	110	-9.5	71.3	5.9	On
EW-3019	0.8	1.0	1,250	-3.1	72.0	24.0	On
EW-3020	3.4	3.5	4,926	-2.0	45.3	24.0	On
EW-3021	0.4	0.4	398	-0.2	29.4	19.7	On
EW-3022	0.5	0.6	748	-2.3	38.4	24.0	On
EW-3023	2.4	2.5	3,488	-5.2	29.5	24.0	On
EW-3024	0.5	0.6	535	1.1	---	22.3	On
EW-3025	2.6	2.6	3,716	-4.4	41.2	24.0	On
EW-3026	3.5	3.5	5,022	-8.5	42.7	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.0	2.1	2,953	0.6	30.2	24.0	On
EW-4002	2.2	2.4	3,129	-47.2	15.0	24.0	On
EW-4003	2.1	2.1	2,977	-23.3	---	24.0	On
EW-4004	1.7	1.8	2,452	-12.1	16.7	24.0	On
EW-4005	2.0	2.1	2,951	-13.7	---	24.0	On
EW-4006	1.4	1.5	2,084	-50.9	34.9	24.0	On
EW-4007	1.0	1.1	1,487	-2.2	39.4	24.0	On
EW-4008	2.0	2.2	2,930	-5.9	35.7	24.0	On
EW-4009	0.8	0.9	1,190	-20.9	42.8	24.0	On
EW-4010	2.4	2.4	3,421	2.3	48.3	24.0	On
EW-4011	2.2	2.3	3,179	-21.3	47.7	24.0	On
EW-5001	2.1	2.1	2,971	-24.9	---	24.0	On
EW-5002	0.0	0.0	0	7.7	22.2	0.0	Off
EW Totals	**151.3**		**217,796**				

	Value	Total (KGal)	Peak Flow
FIT-100	149 GPM	214.7	156 GPM
FIT-500	192 GPM	193.7	230 GPM
Effluent Temp	96.6 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

March 6, 2016 12AM to March 7, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	28.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 6, 2016 12AM to March 7, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	41.5
Permeate Flow	FIT-642	0 GPM	30.0
Concentrate Flow	FIT-643	0 GPM	10.8

Inlet Conductivity	CIT-630	1,053.3 µS
Outlet Conductivity	CIT-642	83.4 µS
Hours Run		7.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 7, 2016 12AM to March 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,429	1.8	43.1	24.0	On
EW-2002	0.7	1.0	1,041	5.6	42.4	24.0	On
EW-2003	0.9	1.0	1,298	6.4	38.4	24.0	On
EW-2004	0.5	0.6	643	8.0	30.4	23.9	On
EW-2005	0.4	0.5	545	7.0	28.4	23.5	On
EW-2006	0.9	1.1	1,303	5.8	24.6	24.0	On
EW-2007	1.6	1.7	2,271	7.6	20.9	24.0	On
EW-2008	0.7	0.9	1,060	2.4	19.8	24.0	On
EW-2009	1.0	1.1	1,493	3.2	19.9	24.0	On
EW-2010	0.0	0.5	270	5.7	19.0	14.9	Off
EW-2011	0.0	0.5	322	8.7	17.5	16.7	Off
EW-2012	0.3	0.5	118	11.6	13.2	6.8	On
EW-2013	0.0	0.5	254	18.0	13.2	12.1	Off
EW-2014	0.9	1.4	1,314	12.9	12.1	24.0	On
EW-2015	0.5	0.7	518	11.6	11.3	21.4	On
EW-2016	0.6	0.6	708	9.8	---	22.7	On
EW-2017	1.3	1.4	1,817	12.1	---	24.0	On
EW-2018	0.6	1.0	845	10.9	---	24.0	On
EW-2019	0.0	0.4	175	11.7	---	9.5	Off
EW-2020	0.0	0.4	295	10.7	---	15.4	Off
EW-2021	0.3	0.3	252	11.8	---	13.6	On
EW-2022	0.4	0.5	395	11.0	---	17.7	On
EW-2023	0.0	0.6	413	12.5	---	16.0	Off
EW-2024	0.0	0.6	258	9.9	---	12.6	Off
EW-2025	0.8	1.1	1,108	10.8	---	24.0	On
EW-2026	0.6	1.0	865	9.4	---	24.0	On
EW-2027	0.7	1.1	1,038	9.3	---	24.0	On
EW-2028	0.7	1.1	1,005	8.8	---	24.0	On
EW-2029	0.9	1.2	1,208	7.3	---	24.0	On
EW-2030	1.3	1.6	1,923	9.7	---	24.0	On
EW-2031	1.3	1.6	1,914	10.8	---	24.0	On
EW-2032	0.5	0.9	653	8.9	---	24.0	On
EW-2033	0.5	0.9	664	9.4	---	24.0	On
EW-2034	0.7	1.6	1,024	8.1	18.1	24.0	On
EW-2035	1.1	1.5	1,565	6.5	18.9	24.0	On
EW-2036	0.6	1.6	844	13.2	18.0	24.0	On
EW-2037	0.7	1.8	1,074	3.8	21.2	24.0	On
EW-2101	10.0	21.1	19,304	14.8	33.8	23.9	On
EW-2102	10.1	24.6	18,828	16.5	34.2	23.9	On
EW-2103	0.0	5.2	37	14.9	16.9	0.1	Off
EW-2104	15.2	43.1	36,953	14.3	19.4	24.0	On
EW-3001	0.0	0.0	0	1.5	13.1	0.0	Off
EW-3002	0.5	0.6	664	2.1	11.8	24.0	On
EW-3003	0.0	0.0	0	3.8	11.7	0.0	Off

Daily Log

March 7, 2016 12AM to March 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.7	877	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	1.0	1,138	-1.2	---	24.0	On
EW-3008	0.4	0.5	526	-0.6	---	24.0	On
EW-3009	3.3	3.5	4,775	-1.7	---	24.0	On
EW-3010	1.0	1.3	1,503	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.1	17.3	0.0	Off
EW-3012	0.6	1.5	826	-6.2	19.3	24.0	On
EW-3013	1.0	2.1	1,392	-6.5	23.3	24.0	On
EW-3014	0.0	0.8	259	-8.2	26.2	14.2	Off
EW-3015	1.1	5.4	1,571	-6.2	29.1	23.9	On
EW-3016	0.9	2.2	1,188	-7.6	32.4	24.0	On
EW-3017	0.0	0.8	203	-5.5	33.1	10.5	Off
EW-3018	0.3	1.4	109	-9.0	33.0	6.0	On
EW-3019	0.8	3.6	1,253	-3.2	33.8	23.9	On
EW-3020	3.4	3.5	4,903	-1.8	42.8	24.0	On
EW-3021	0.0	0.6	368	0.1	20.4	17.9	Off
EW-3022	0.6	1.0	750	-2.5	29.7	24.0	On
EW-3023	2.4	4.7	3,401	-5.3	18.8	24.0	On
EW-3024	0.5	0.6	541	0.8	---	22.6	On
EW-3025	2.6	3.3	3,681	-4.5	32.5	24.0	On
EW-3026	3.5	3.8	4,977	-8.5	34.0	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.1	2.6	2,943	0.2	18.6	24.0	On
EW-4002	2.1	2.4	3,121	-47.1	13.5	24.0	On
EW-4003	2.1	2.2	2,953	-24.1	---	24.0	On
EW-4004	1.7	1.8	2,392	-12.6	14.1	24.0	On
EW-4005	2.1	2.2	2,947	-14.8	---	24.0	On
EW-4006	1.4	2.1	2,063	-51.2	26.1	24.0	On
EW-4007	1.1	1.2	1,463	-2.9	30.9	24.0	On
EW-4008	2.1	2.7	2,981	-7.0	17.5	24.0	On
EW-4009	0.9	1.3	1,217	-22.5	25.1	24.0	On
EW-4010	2.3	2.5	3,351	2.0	35.2	24.0	On
EW-4011	2.3	2.5	3,257	-23.1	34.5	24.0	On
EW-5001	2.1	2.2	2,951	-25.3	---	24.0	On
EW-5002	0.0	2.5	15	7.6	19.2	0.1	Off
EW Totals	**105.6**		**176,603**				

	Value	Total (KGal)	Peak Flow
FIT-100	104 GPM	174.4	155 GPM
FIT-500	189 GPM	150.3	229 GPM
Effluent Temp	94.7 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

March 7, 2016 12AM to March 8, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	29.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 7, 2016 12AM to March 8, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	42.5
Permeate Flow	FIT-642	0 GPM	30.6
Concentrate Flow	FIT-643	0 GPM	11.2

Inlet Conductivity	CIT-630	1,134.6 µS
Outlet Conductivity	CIT-642	130.2 µS
Hours Run		7.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 8, 2016 12AM to March 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,419	1.7	44.7	24.0	On
EW-2002	0.8	0.8	1,043	5.5	44.0	24.0	On
EW-2003	0.8	0.9	1,227	6.9	39.9	24.0	On
EW-2004	0.5	0.5	646	7.9	31.8	24.0	On
EW-2005	0.5	0.5	533	7.2	29.7	22.9	On
EW-2006	0.9	1.0	1,285	5.6	25.7	24.0	On
EW-2007	1.6	1.7	2,257	7.4	21.8	24.0	On
EW-2008	0.7	0.9	1,059	2.4	20.7	24.0	On
EW-2009	1.0	1.1	1,489	3.2	20.9	24.0	On
EW-2010	0.0	0.5	268	5.9	19.9	14.1	Off
EW-2011	0.0	0.5	319	9.1	18.4	15.4	Off
EW-2012	0.0	0.3	89	11.0	13.7	5.4	Off
EW-2013	0.0	0.6	251	18.3	13.7	12.0	Off
EW-2014	0.9	1.1	1,308	12.9	13.5	24.0	On
EW-2015	0.0	0.6	518	12.5	12.3	20.9	Off
EW-2016	0.0	0.7	712	10.9	---	22.7	Off
EW-2017	1.3	1.4	1,797	12.0	---	24.0	On
EW-2018	0.6	1.1	842	10.9	---	24.0	On
EW-2019	0.0	0.5	172	12.0	---	9.0	Off
EW-2020	0.0	0.4	292	11.6	---	14.9	Off
EW-2021	0.0	0.3	250	11.0	---	13.6	Off
EW-2022	0.3	0.5	391	12.6	---	17.1	On
EW-2023	0.4	0.6	414	12.2	---	15.9	On
EW-2024	0.0	0.6	253	10.9	---	12.0	Off
EW-2025	0.8	1.2	1,099	10.8	---	24.0	On
EW-2026	0.6	1.0	862	9.4	---	24.0	On
EW-2027	0.7	1.2	1,035	9.3	---	24.0	On
EW-2028	0.7	1.2	1,005	8.8	---	24.0	On
EW-2029	0.8	1.2	1,203	7.3	---	24.0	On
EW-2030	1.3	1.6	1,915	9.7	---	24.0	On
EW-2031	1.3	1.6	1,900	10.8	---	24.0	On
EW-2032	0.5	0.9	650	8.9	---	24.0	On
EW-2033	0.5	0.9	657	9.4	---	24.0	On
EW-2034	0.7	0.9	1,027	7.9	19.4	24.0	On
EW-2035	1.1	1.1	1,560	6.4	19.9	24.0	On
EW-2036	0.6	0.9	841	13.0	20.2	24.0	On
EW-2037	0.7	1.2	1,069	3.8	23.3	24.0	On
EW-2101	10.1	10.2	14,434	15.1	35.9	24.0	On
EW-2102	10.2	10.2	14,455	16.6	36.5	24.0	On
EW-2103	0.0	0.0	0	15.0	19.7	0.0	Off
EW-2104	20.2	27.0	26,860	14.4	24.7	24.0	On
EW-3001	0.0	0.0	0	1.5	13.5	0.0	Off
EW-3002	0.5	0.5	647	2.3	12.5	24.0	On
EW-3003	0.0	0.0	0	3.8	12.5	0.0	Off

Daily Log

March 8, 2016 12AM to March 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.6	0.6	833	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	1.1	1,156	-1.2	---	24.0	On
EW-3008	0.4	0.5	519	-0.6	---	24.0	On
EW-3009	3.3	3.3	4,686	-1.6	---	24.0	On
EW-3010	1.0	1.3	1,468	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.1	18.6	0.0	Off
EW-3012	0.6	0.9	812	-6.2	20.8	24.0	On
EW-3013	1.0	1.2	1,396	-6.5	25.0	24.0	On
EW-3014	0.3	0.5	258	-8.4	28.0	14.1	On
EW-3015	1.1	1.3	1,572	-6.3	31.1	24.0	On
EW-3016	0.8	1.0	1,193	-7.7	34.5	24.0	On
EW-3017	0.0	0.8	204	-5.7	35.4	10.5	Off
EW-3018	0.0	0.6	109	-8.9	35.0	6.0	Off
EW-3019	0.9	1.1	1,256	-3.1	35.8	24.0	On
EW-3020	3.4	3.4	4,885	-1.8	44.2	24.0	On
EW-3021	0.0	0.5	356	0.5	22.1	17.1	Off
EW-3022	0.5	0.7	742	-2.6	31.3	24.0	On
EW-3023	2.4	2.5	3,412	-5.4	20.2	24.0	On
EW-3024	0.0	0.6	559	1.4	---	22.4	Off
EW-3025	2.6	2.6	3,661	-4.5	34.1	24.0	On
EW-3026	3.5	3.5	4,961	-8.5	35.6	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.1	2.3	2,933	0.3	20.8	24.0	On
EW-4002	2.2	2.4	3,110	-47.2	14.0	24.0	On
EW-4003	2.2	2.2	2,966	-24.6	---	24.0	On
EW-4004	1.8	1.8	2,405	-13.0	15.0	24.0	On
EW-4005	2.1	2.1	2,921	-14.8	---	24.0	On
EW-4006	1.4	1.6	2,048	-51.2	27.8	24.0	On
EW-4007	1.1	1.1	1,479	-2.8	32.5	24.0	On
EW-4008	2.1	2.5	2,959	-6.5	20.3	24.0	On
EW-4009	0.9	0.9	1,218	-21.9	26.7	24.0	On
EW-4010	2.2	2.3	3,207	2.1	36.4	24.0	On
EW-4011	2.3	2.3	3,268	-22.4	35.7	24.0	On
EW-5001	2.1	2.2	2,948	-25.7	---	24.0	On
EW-5002	0.0	0.0	0	7.6	20.2	0.0	Off
EW Totals	**108.8**		**156,549**				

	Value	Total (KGal)	Peak Flow
FIT-100	107 GPM	154.9	122 GPM
FIT-500	0 GPM	127.3	229 GPM
Effluent Temp	94.1 °F		
Effluent pH	6.3		

Recharge and Injection Daily Report

March 8, 2016 12AM to March 9, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	29.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 8, 2016 12AM to March 9, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	42.7
Permeate Flow	FIT-642	0 GPM	30.5
Concentrate Flow	FIT-643	0 GPM	11.4

Inlet Conductivity	CIT-630	1,119.8 µS
Outlet Conductivity	CIT-642	97.2 µS
Hours Run		7.5 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 9, 2016 12AM to March 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.5	2,427	1.7	45.5	24.0	On
EW-2002	0.7	1.8	1,049	5.5	44.8	24.0	On
EW-2003	1.1	5.1	1,353	4.6	40.9	23.4	On
EW-2004	0.5	0.6	680	7.3	32.2	23.9	On
EW-2005	0.4	0.5	522	7.0	30.3	22.6	On
EW-2006	0.9	1.4	1,277	5.6	26.9	24.0	On
EW-2007	1.6	2.0	2,257	7.5	23.2	24.0	On
EW-2008	0.7	1.0	1,061	2.5	22.2	24.0	On
EW-2009	1.1	4.4	1,521	3.3	22.4	24.0	On
EW-2010	0.0	0.5	267	6.6	21.5	14.6	Off
EW-2011	0.3	0.5	319	9.4	20.0	16.2	On
EW-2012	0.0	0.5	89	11.2	13.9	5.3	Off
EW-2013	0.0	0.6	250	18.5	13.9	12.0	Off
EW-2014	0.9	1.1	1,304	12.9	14.6	24.0	On
EW-2015	0.5	0.6	517	11.7	12.9	21.4	On
EW-2016	0.6	0.7	714	9.8	---	22.8	On
EW-2017	1.3	1.4	1,795	12.1	---	24.0	On
EW-2018	0.6	1.1	841	10.9	---	24.0	On
EW-2019	0.3	0.5	172	12.1	---	9.2	On
EW-2020	0.4	0.4	294	10.2	---	14.5	On
EW-2021	0.0	1.4	230	12.8	---	11.9	Off
EW-2022	0.4	0.5	394	11.3	---	16.8	On
EW-2023	0.0	4.9	419	11.8	---	16.0	Off
EW-2024	0.0	0.6	254	10.6	---	12.4	Off
EW-2025	0.8	1.2	1,098	10.8	---	24.0	On
EW-2026	0.6	1.0	857	9.4	---	24.0	On
EW-2027	0.7	1.2	1,032	9.3	---	24.0	On
EW-2028	0.7	1.2	1,000	8.8	---	24.0	On
EW-2029	0.8	1.2	1,201	7.3	---	24.0	On
EW-2030	1.3	1.6	1,911	9.7	---	24.0	On
EW-2031	1.3	1.6	1,889	10.8	---	24.0	On
EW-2032	0.4	1.0	647	8.9	---	24.0	On
EW-2033	0.4	0.9	655	9.5	---	24.0	On
EW-2034	0.7	0.9	1,027	7.9	24.5	24.0	On
EW-2035	1.1	1.1	1,563	6.5	21.1	24.0	On
EW-2036	0.6	0.9	835	13.3	22.4	24.0	On
EW-2037	0.7	1.1	1,064	3.8	25.6	24.0	On
EW-2101	14.9	16.6	17,541	14.5	56.9	24.0	On
EW-2102	14.9	15.2	17,564	16.4	58.2	24.0	On
EW-2103	0.0	0.0	0	15.0	23.0	0.0	Off
EW-2104	26.2	32.5	34,679	14.3	31.7	24.0	On
EW-3001	0.0	0.0	0	1.5	13.8	0.0	Off
EW-3002	0.5	0.5	654	2.4	12.7	24.0	On
EW-3003	0.0	0.0	0	3.8	12.7	0.0	Off

Daily Log

March 9, 2016 12AM to March 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.7	867	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	1.1	1,139	-1.2	---	24.0	On
EW-3008	0.4	0.5	521	-0.6	---	24.0	On
EW-3009	3.3	3.4	4,687	-1.7	---	24.0	On
EW-3010	1.0	1.3	1,431	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.1	23.7	0.0	Off
EW-3012	0.5	0.9	819	-6.2	27.8	24.0	On
EW-3013	0.9	1.2	1,391	-6.5	35.2	24.0	On
EW-3014	0.3	0.5	257	-8.0	40.5	14.1	On
EW-3015	1.0	1.3	1,570	-6.2	46.6	24.0	On
EW-3016	0.8	1.1	1,190	-7.4	53.6	24.0	On
EW-3017	0.3	0.7	205	-7.3	56.0	10.4	On
EW-3018	0.4	0.7	110	-9.2	55.8	5.9	On
EW-3019	0.9	1.1	1,253	-3.0	56.5	24.0	On
EW-3020	3.4	4.1	4,878	-2.1	45.0	24.0	On
EW-3021	0.4	0.5	359	-0.4	24.0	17.3	On
EW-3022	0.5	0.7	729	-2.5	32.8	24.0	On
EW-3023	2.3	2.5	3,397	-5.4	26.2	24.0	On
EW-3024	0.0	0.6	554	1.4	---	22.7	Off
EW-3025	2.5	2.7	3,635	-4.3	35.5	24.0	On
EW-3026	3.4	3.5	4,921	-8.5	37.0	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.1	2.5	2,990	0.1	23.0	24.0	On
EW-4002	2.1	2.5	3,101	-47.2	14.2	24.0	On
EW-4003	2.2	2.2	3,040	-25.1	---	24.0	On
EW-4004	1.7	1.8	2,457	-13.3	16.2	24.0	On
EW-4005	2.1	2.2	2,999	-15.7	---	24.0	On
EW-4006	1.4	1.5	2,045	-51.1	29.4	24.0	On
EW-4007	1.0	1.2	1,479	-2.9	34.0	24.0	On
EW-4008	2.1	2.7	2,959	-6.7	23.7	24.0	On
EW-4009	0.8	0.9	1,220	-22.1	36.3	24.0	On
EW-4010	2.2	2.3	3,112	2.0	38.0	24.0	On
EW-4011	2.2	2.3	3,174	-21.6	37.4	24.0	On
EW-5001	2.1	2.2	3,030	-26.3	---	24.0	On
EW-5002	0.0	0.0	0	7.5	21.4	0.0	Off
EW Totals	**126.6**		**170,741**				

	Value	Total (KGal)	Peak Flow
FIT-100	125 GPM	168.7	137 GPM
FIT-500	69 GPM	145.6	230 GPM
Effluent Temp	91.6 °F		
Effluent pH	6.9		

Recharge and Injection Daily Report

March 9, 2016 12AM to March 10, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	30.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 9, 2016 12AM to March 10, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	92 GPM	43.2
Permeate Flow	FIT-642	67 GPM	30.9
Concentrate Flow	FIT-643	24 GPM	11.5

Inlet Conductivity	CIT-630	1,064.2 µS
Outlet Conductivity	CIT-642	25.2 µS
Hours Run		7.5 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	92.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 10, 2016 12AM to March 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.8	2,333	1.6	44.7	22.8	On
EW-2002	0.7	3.9	1,005	5.6	44.1	22.8	On
EW-2003	1.1	4.3	1,520	4.7	39.9	22.8	On
EW-2004	0.5	0.7	672	6.8	31.2	22.6	On
EW-2005	0.4	0.6	495	7.3	29.4	21.7	On
EW-2006	0.9	4.6	1,246	5.6	26.3	22.8	On
EW-2007	1.6	4.7	2,161	7.4	23.1	22.8	On
EW-2008	0.7	4.0	1,033	2.6	22.4	22.8	On
EW-2009	1.0	4.3	1,504	3.4	22.6	22.7	On
EW-2010	0.3	0.7	261	6.6	21.7	14.3	On
EW-2011	0.3	0.6	310	9.2	20.2	16.0	On
EW-2012	0.3	0.5	112	10.9	14.6	6.3	On
EW-2013	0.0	0.6	241	18.1	14.6	11.7	Off
EW-2014	0.9	5.5	1,246	12.9	17.6	22.8	On
EW-2015	0.4	0.6	490	12.7	14.0	20.3	On
EW-2016	0.5	0.7	668	11.3	---	21.5	On
EW-2017	1.3	4.4	1,718	12.2	---	22.8	On
EW-2018	0.6	7.6	811	11.0	---	22.8	On
EW-2019	0.3	0.5	168	13.3	---	9.1	On
EW-2020	0.3	0.5	283	10.9	---	14.2	On
EW-2021	0.3	0.7	254	12.5	---	12.4	On
EW-2022	0.4	0.6	379	11.2	---	16.8	On
EW-2023	0.4	0.7	404	12.9	---	15.5	On
EW-2024	0.3	0.6	247	10.6	---	12.0	On
EW-2025	0.8	7.3	1,061	10.8	---	22.8	On
EW-2026	0.6	7.4	835	9.4	---	22.8	On
EW-2027	0.7	7.4	999	9.3	---	22.8	On
EW-2028	0.7	7.3	964	8.8	---	22.8	On
EW-2029	0.8	7.5	1,161	7.3	---	22.8	On
EW-2030	1.3	7.4	1,831	9.7	---	22.8	On
EW-2031	1.3	7.6	1,819	10.8	---	22.8	On
EW-2032	0.4	7.0	625	8.9	---	22.8	On
EW-2033	0.5	3.8	619	9.3	---	19.9	On
EW-2034	0.7	5.2	996	8.1	26.4	22.8	On
EW-2035	1.1	2.7	1,494	6.5	21.1	22.8	On
EW-2036	0.6	4.9	806	13.3	29.4	22.8	On
EW-2037	0.7	6.3	1,022	4.0	33.7	22.8	On
EW-2101	20.0	20.3	20,866	13.9	70.7	22.7	On
EW-2102	17.9	19.9	20,043	16.1	72.1	22.8	On
EW-2103	0.0	0.0	0	15.0	34.7	0.0	Off
EW-2104	42.9	43.2	41,713	13.4	59.2	22.8	On
EW-3001	0.0	0.5	3	1.5	14.4	0.2	Off
EW-3002	0.4	0.6	621	2.5	13.2	22.7	On
EW-3003	0.0	0.4	2	3.8	13.1	0.1	Off

Daily Log

March 10, 2016 12AM to March 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	9	1.2	---	0.6	Off
EW-3005	0.7	2.8	931	-0.4	---	22.7	On
EW-3006	0.0	0.5	5	0.4	---	0.2	Off
EW-3007	0.8	5.8	1,124	-1.1	---	22.7	On
EW-3008	0.4	3.2	499	-0.6	---	22.7	On
EW-3009	3.4	6.7	4,666	-1.8	---	22.7	On
EW-3010	1.1	5.8	1,429	-2.4	---	22.7	On
EW-3011	0.0	0.7	15	-0.1	25.7	0.4	Off
EW-3012	0.6	5.5	807	-6.1	30.9	22.7	On
EW-3013	1.0	5.0	1,349	-6.4	40.1	22.7	On
EW-3014	0.0	1.0	255	-8.7	47.3	13.8	Off
EW-3015	1.1	4.6	1,514	-6.1	56.2	22.7	On
EW-3016	0.9	2.7	1,154	-7.5	65.6	22.7	On
EW-3017	0.0	1.2	201	-7.1	69.1	9.9	Off
EW-3018	0.0	1.9	109	-9.3	68.7	5.8	Off
EW-3019	0.9	3.2	1,207	-3.0	69.6	22.7	On
EW-3020	3.4	5.3	4,682	-2.2	44.3	22.7	On
EW-3021	0.3	0.7	365	0.0	28.7	17.2	On
EW-3022	0.5	4.8	742	-2.4	37.9	22.7	On
EW-3023	2.5	4.3	3,383	-5.5	28.2	22.7	On
EW-3024	0.4	0.6	513	0.8	---	21.5	On
EW-3025	2.6	5.1	3,546	-4.5	40.6	22.7	On
EW-3026	3.4	3.9	4,722	-8.6	42.1	22.7	On
EW-3027	0.0	0.9	108	0.2	---	5.9	Off
EW-4001	2.2	2.4	2,614	0.1	30.0	20.7	On
EW-4002	2.2	7.0	2,827	-47.1	15.0	20.7	On
EW-4003	2.1	9.5	2,581	-24.3	---	20.7	On
EW-4004	1.7	1.9	2,088	-12.7	16.0	20.7	On
EW-4005	2.1	2.2	2,583	-14.7	---	20.7	On
EW-4006	1.5	6.4	1,946	-50.8	34.3	20.7	On
EW-4007	1.1	1.3	1,295	-2.8	39.0	20.7	On
EW-4008	2.1	2.5	2,552	-6.6	35.3	20.7	On
EW-4009	0.9	1.2	1,042	-21.4	40.9	20.7	On
EW-4010	2.2	2.7	2,734	2.0	45.7	20.7	On
EW-4011	2.1	2.2	2,626	-19.0	45.1	20.7	On
EW-5001	2.1	2.3	2,578	-25.3	---	20.7	On
EW-5002	0.0	0.0	0	7.7	21.4	0.0	Off
EW Totals	**152.9**		**177,839**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	175.1	176 GPM
FIT-500	195 GPM	143.9	230 GPM
Effluent Temp	96.4 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

March 10, 2016 12AM to March 11, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	34.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 10, 2016 12AM to March 11, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	50.8
Permeate Flow	FIT-642	70 GPM	36.4
Concentrate Flow	FIT-643	24 GPM	13.5

Inlet Conductivity	CIT-630	1,048.6 µS
Outlet Conductivity	CIT-642	26.4 µS
Hours Run		8.9 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 11, 2016 12AM to March 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.5	2,440	1.8	44.0	24.0	On
EW-2002	0.7	2.2	1,045	5.7	43.4	24.0	On
EW-2003	1.1	2.6	1,554	4.7	39.4	24.0	On
EW-2004	0.4	0.7	701	8.1	30.9	23.9	On
EW-2005	0.4	0.6	538	7.4	29.1	23.9	On
EW-2006	0.9	2.4	1,309	5.9	26.1	24.0	On
EW-2007	1.6	3.6	2,264	7.8	23.1	24.0	On
EW-2008	0.8	3.2	1,071	2.5	23.0	24.0	On
EW-2009	1.1	4.3	1,565	3.3	23.1	23.9	On
EW-2010	0.4	0.7	268	5.7	22.2	14.6	On
EW-2011	0.4	0.7	318	8.5	20.7	16.4	On
EW-2012	0.3	0.5	159	13.3	14.4	8.9	On
EW-2013	0.0	0.6	248	18.7	14.4	12.3	Off
EW-2014	0.9	2.3	1,299	13.2	17.6	24.0	On
EW-2015	0.3	0.5	514	13.9	14.0	21.0	On
EW-2016	0.6	0.6	700	9.9	---	22.3	On
EW-2017	1.3	3.0	1,795	12.2	---	24.0	On
EW-2018	0.6	1.6	834	10.9	---	24.0	On
EW-2019	0.4	0.4	172	12.7	---	9.3	On
EW-2020	0.0	0.4	289	11.6	---	15.3	Off
EW-2021	0.4	0.5	261	10.9	---	12.7	On
EW-2022	0.4	0.4	395	12.2	---	18.3	On
EW-2023	0.5	0.6	423	12.3	---	16.1	On
EW-2024	0.0	0.5	253	11.0	---	12.4	Off
EW-2025	0.8	2.0	1,106	10.8	---	24.0	On
EW-2026	0.5	1.5	865	9.4	---	24.0	On
EW-2027	0.7	1.8	1,035	9.3	---	24.0	On
EW-2028	0.7	1.7	998	8.8	---	24.0	On
EW-2029	0.8	2.4	1,205	7.3	---	24.0	On
EW-2030	1.4	3.2	1,911	9.9	---	24.0	On
EW-2031	1.4	3.2	1,901	11.0	---	24.0	On
EW-2032	0.5	0.9	641	8.9	---	24.0	On
EW-2033	0.4	1.5	659	9.3	---	24.0	On
EW-2034	0.7	2.1	1,024	8.2	26.5	24.0	On
EW-2035	1.1	2.5	1,562	6.6	21.1	24.0	On
EW-2036	0.6	2.4	832	13.2	29.1	24.0	On
EW-2037	0.8	3.1	1,052	4.1	34.0	24.0	On
EW-2101	19.7	20.2	28,672	13.6	71.2	24.0	On
EW-2102	17.6	19.7	25,607	15.9	72.2	24.0	On
EW-2103	0.0	5.2	37	15.0	34.5	0.1	Off
EW-2104	42.8	43.3	61,571	13.1	58.8	24.0	On
EW-3001	0.0	0.0	0	1.5	14.2	0.0	Off
EW-3002	0.5	0.5	645	2.5	13.1	23.9	On
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

March 11, 2016 12AM to March 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.7	2.3	938	-0.4	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	3.4	1,096	-1.0	---	23.9	On
EW-3008	0.4	0.5	540	-0.6	---	23.9	On
EW-3009	3.4	6.2	4,833	-1.7	---	23.9	On
EW-3010	1.1	5.2	1,494	-2.3	---	23.9	On
EW-3011	0.0	0.0	0	0.0	25.7	0.0	Off
EW-3012	0.6	4.6	824	-5.8	31.0	23.9	On
EW-3013	1.0	4.8	1,392	-6.1	40.2	23.9	On
EW-3014	0.3	0.5	255	-8.7	47.8	14.3	On
EW-3015	1.1	4.1	1,553	-6.0	56.8	23.9	On
EW-3016	0.8	2.0	1,177	-7.3	65.9	23.9	On
EW-3017	0.0	0.7	202	-7.1	69.7	10.5	Off
EW-3018	0.4	0.7	109	-9.3	69.5	5.8	On
EW-3019	0.9	2.5	1,238	-2.9	70.4	23.9	On
EW-3020	3.4	6.6	4,900	-1.9	43.7	23.9	On
EW-3021	0.4	0.5	366	-0.3	28.7	18.5	On
EW-3022	0.5	3.6	752	-2.3	37.8	23.9	On
EW-3023	2.4	3.9	3,535	-5.5	28.3	23.9	On
EW-3024	0.5	0.6	503	0.8	---	21.5	On
EW-3025	2.5	5.8	3,683	-4.5	40.4	23.9	On
EW-3026	3.4	3.9	4,916	-8.6	41.9	23.9	On
EW-3027	0.0	0.7	7	0.2	---	0.4	Off
EW-4001	2.0	2.2	3,022	0.3	29.6	23.9	On
EW-4002	2.2	6.3	3,136	-47.0	14.8	23.9	On
EW-4003	2.0	6.0	2,933	-22.7	---	23.9	On
EW-4004	1.6	1.8	2,358	-11.5	16.0	23.9	On
EW-4005	2.0	2.1	2,939	-13.1	---	23.9	On
EW-4006	1.5	4.5	2,146	-50.9	34.2	23.9	On
EW-4007	1.1	1.1	1,501	-2.8	38.8	23.9	On
EW-4008	2.0	2.3	2,924	-6.2	35.2	23.9	On
EW-4009	0.8	0.9	1,187	-19.9	40.9	23.9	On
EW-4010	2.4	2.6	3,201	1.8	46.8	23.9	On
EW-4011	2.0	2.2	2,973	-18.7	46.3	23.9	On
EW-5001	2.0	2.1	2,920	-23.8	---	23.9	On
EW-5002	0.0	2.6	14	7.5	21.5	0.1	Off
EW Totals	**152.1**		**217,305**				

	Value	Total (KGal)	Peak Flow
FIT-100	149 GPM	213.6	164 GPM
FIT-500	189 GPM	179.6	232 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

March 11, 2016 12AM to March 12, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	36.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 11, 2016 12AM to March 12, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	53.0
Permeate Flow	FIT-642	0 GPM	38.2
Concentrate Flow	FIT-643	0 GPM	13.9

Inlet Conductivity	CIT-630	1,072.1 µS
Outlet Conductivity	CIT-642	105.3 µS
Hours Run		9.3 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 12, 2016 12AM to March 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,408	1.7	44.4	24.0	On
EW-2002	0.7	0.8	1,031	5.6	43.7	24.0	On
EW-2003	1.1	1.2	1,561	4.7	39.6	24.0	On
EW-2004	0.4	0.5	610	8.1	31.0	24.0	On
EW-2005	0.4	0.4	540	7.2	29.2	23.9	On
EW-2006	1.0	1.0	1,337	5.8	26.2	24.0	On
EW-2007	1.7	1.7	2,390	7.6	23.0	24.0	On
EW-2008	0.7	0.9	1,076	2.5	21.9	24.0	On
EW-2009	1.1	1.2	1,564	3.3	22.0	24.0	On
EW-2010	0.0	0.4	265	6.6	21.2	14.6	Off
EW-2011	0.3	0.5	316	9.4	19.7	16.4	On
EW-2012	0.0	0.3	161	11.9	14.0	9.1	Off
EW-2013	0.0	0.5	249	18.3	14.0	12.4	Off
EW-2014	0.9	1.0	1,299	12.9	17.5	24.0	On
EW-2015	0.4	0.5	515	11.8	13.9	21.2	On
EW-2016	0.5	0.6	696	10.3	---	22.2	On
EW-2017	1.3	1.3	1,788	12.1	---	24.0	On
EW-2018	0.5	0.9	833	11.0	---	24.0	On
EW-2019	0.0	0.4	170	13.2	---	9.3	Off
EW-2020	0.3	0.4	289	11.3	---	15.3	On
EW-2021	0.0	0.5	261	12.1	---	12.7	Off
EW-2022	0.3	0.5	393	13.0	---	18.5	On
EW-2023	0.0	0.6	422	11.4	---	16.1	Off
EW-2024	0.0	0.5	251	11.6	---	12.4	Off
EW-2025	0.8	1.1	1,102	10.8	---	24.0	On
EW-2026	0.6	0.9	861	9.4	---	24.0	On
EW-2027	0.7	1.1	1,030	9.3	---	24.0	On
EW-2028	0.7	1.0	996	8.8	---	24.0	On
EW-2029	0.8	1.1	1,200	7.3	---	24.0	On
EW-2030	1.3	1.5	1,908	9.7	---	24.0	On
EW-2031	1.3	1.5	1,891	10.8	---	24.0	On
EW-2032	0.4	0.8	641	8.9	---	24.0	On
EW-2033	0.5	0.8	656	9.4	---	24.0	On
EW-2034	0.7	0.8	1,020	8.1	26.4	24.0	On
EW-2035	1.1	1.1	1,555	6.4	21.0	24.0	On
EW-2036	0.6	0.6	823	13.1	29.0	24.0	On
EW-2037	0.7	0.8	1,048	4.0	33.9	24.0	On
EW-2101	19.6	20.0	28,372	13.4	71.4	24.0	On
EW-2102	17.2	17.9	25,173	15.8	72.6	24.0	On
EW-2103	0.0	0.0	0	15.0	34.5	0.0	Off
EW-2104	42.9	43.2	61,677	12.9	58.3	24.0	On
EW-3001	0.0	0.0	0	1.5	13.8	0.0	Off
EW-3002	0.5	0.5	653	2.6	12.8	24.0	On
EW-3003	0.0	0.0	0	3.8	12.8	0.0	Off

Daily Log

March 12, 2016 12AM to March 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.6	0.7	920	-0.5	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	0.9	1,093	-1.2	---	24.0	On
EW-3008	0.4	0.5	542	-0.6	---	24.0	On
EW-3009	3.4	3.4	4,827	-1.8	---	24.0	On
EW-3010	1.0	1.2	1,456	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.0	25.7	0.0	Off
EW-3012	0.6	0.8	825	-6.2	31.1	24.0	On
EW-3013	1.0	1.1	1,386	-6.5	40.4	24.0	On
EW-3014	0.3	0.4	253	-8.1	48.2	14.3	On
EW-3015	1.1	1.2	1,549	-6.1	57.5	24.0	On
EW-3016	0.8	0.9	1,170	-7.4	66.4	24.0	On
EW-3017	0.0	0.7	201	-7.1	69.7	10.4	Off
EW-3018	0.0	0.7	109	-9.8	69.8	5.8	Off
EW-3019	0.9	1.0	1,235	-2.9	70.5	24.0	On
EW-3020	3.4	3.4	4,847	-1.8	43.9	24.0	On
EW-3021	0.4	0.4	365	-0.4	28.4	18.6	On
EW-3022	0.5	0.6	736	-2.3	37.3	24.0	On
EW-3023	2.4	2.5	3,479	-5.3	28.4	24.0	On
EW-3024	0.3	0.6	506	1.6	---	21.8	On
EW-3025	2.5	2.6	3,649	-4.5	39.9	24.0	On
EW-3026	3.4	3.5	4,902	-8.5	41.3	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	2.0	2.0	2,820	0.2	29.4	24.0	On
EW-4002	2.2	2.3	3,126	-47.2	14.4	24.0	On
EW-4003	2.0	2.1	2,866	-24.0	---	24.0	On
EW-4004	1.7	1.7	2,296	-12.8	15.9	24.0	On
EW-4005	2.0	2.0	2,819	-14.3	---	24.0	On
EW-4006	1.5	1.6	2,129	-51.2	33.9	24.0	On
EW-4007	1.1	1.1	1,508	-3.0	38.4	24.0	On
EW-4008	2.0	2.1	2,843	-6.6	35.1	24.0	On
EW-4009	0.8	0.9	1,190	-21.3	41.1	24.0	On
EW-4010	2.4	2.4	3,434	1.7	46.6	24.0	On
EW-4011	2.0	2.1	2,943	-19.4	46.2	24.0	On
EW-5001	2.0	2.1	2,851	-24.8	---	24.0	On
EW-5002	0.0	0.0	0	7.5	21.3	0.0	Off
EW Totals	**149.4**		**215,909**				

	Value	Total (KGal)	Peak Flow
FIT-100	147 GPM	212.2	154 GPM
FIT-500	0 GPM	182.5	232 GPM
Effluent Temp	95.9 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

March 12, 2016 12AM to March 13, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	36.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 12, 2016 12AM to March 13, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	54.4
Permeate Flow	FIT-642	0 GPM	38.8
Concentrate Flow	FIT-643	0 GPM	14.5

Inlet Conductivity	CIT-630	1,069.2 µS
Outlet Conductivity	CIT-642	116.3 µS
Hours Run		9.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 13, 2016 12AM to March 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,300	1.7	45.5	23.0	On
EW-2002	0.7	0.8	1,002	5.6	44.9	23.0	On
EW-2003	1.1	1.2	1,551	4.7	40.8	23.0	On
EW-2004	0.4	0.4	581	8.4	31.9	23.0	On
EW-2005	0.4	0.4	523	7.5	30.1	23.0	On
EW-2006	1.0	1.0	1,320	5.8	27.0	23.0	On
EW-2007	1.8	1.8	2,388	7.7	23.8	23.0	On
EW-2008	0.7	0.9	1,024	2.5	23.1	23.0	On
EW-2009	1.1	1.2	1,494	3.3	23.3	23.0	On
EW-2010	0.3	0.4	255	5.8	22.3	14.1	On
EW-2011	0.3	0.5	303	8.8	20.9	15.9	On
EW-2012	0.3	0.3	150	12.4	15.0	8.5	On
EW-2013	0.3	0.5	237	18.1	15.0	12.0	On
EW-2014	0.9	1.0	1,241	12.9	17.9	23.0	On
EW-2015	0.4	0.5	489	11.8	14.3	20.5	On
EW-2016	0.5	0.6	666	10.3	---	21.3	On
EW-2017	1.2	1.3	1,704	12.2	---	23.0	On
EW-2018	0.5	0.9	795	11.0	---	23.0	On
EW-2019	0.0	0.4	164	12.4	---	9.1	Off
EW-2020	0.3	0.4	278	10.5	---	14.9	On
EW-2021	0.0	0.5	248	12.8	---	12.5	Off
EW-2022	0.3	0.4	378	11.1	---	18.1	On
EW-2023	0.4	0.6	398	12.9	---	15.3	On
EW-2024	0.3	0.5	241	11.5	---	12.1	On
EW-2025	0.8	1.0	1,054	10.9	---	23.0	On
EW-2026	0.6	0.9	821	9.5	---	23.0	On
EW-2027	0.7	1.0	984	9.4	---	23.0	On
EW-2028	0.7	1.0	953	8.9	---	23.0	On
EW-2029	0.8	1.1	1,147	7.5	---	23.0	On
EW-2030	1.3	1.5	1,820	9.8	---	23.0	On
EW-2031	1.3	1.5	1,802	10.9	---	23.0	On
EW-2032	0.4	0.8	612	9.0	---	23.0	On
EW-2033	0.4	0.7	626	9.6	---	23.0	On
EW-2034	0.7	0.8	977	8.1	27.0	23.0	On
EW-2035	1.1	1.1	1,491	6.6	21.3	23.0	On
EW-2036	0.6	0.6	783	13.2	29.2	23.0	On
EW-2037	0.7	0.9	1,000	3.9	34.1	23.0	On
EW-2101	19.3	19.7	26,853	13.4	71.8	23.0	On
EW-2102	17.1	17.5	23,684	15.8	72.9	23.0	On
EW-2103	0.0	0.0	0	14.9	34.6	0.0	Off
EW-2104	42.9	43.1	59,084	12.8	58.2	23.0	On
EW-3001	0.0	0.0	0	1.5	14.8	0.0	Off
EW-3002	0.4	0.5	628	2.6	13.6	23.0	On
EW-3003	0.0	0.0	0	3.8	13.5	0.0	Off

Daily Log

March 13, 2016 12AM to March 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.6	0.7	875	-0.4	---	23.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	0.9	1,043	-1.2	---	23.0	On
EW-3008	0.4	0.5	525	-0.6	---	23.0	On
EW-3009	3.3	3.4	4,612	-1.7	---	23.0	On
EW-3010	1.0	1.1	1,367	-2.4	---	23.0	On
EW-3011	0.0	0.0	0	0.0	26.2	0.0	Off
EW-3012	0.5	0.8	786	-6.2	31.7	23.0	On
EW-3013	1.0	1.1	1,327	-6.3	41.1	23.0	On
EW-3014	0.3	0.5	243	-8.1	48.8	13.8	On
EW-3015	1.1	1.2	1,483	-6.2	58.1	23.0	On
EW-3016	0.8	0.9	1,116	-7.4	66.9	23.0	On
EW-3017	0.0	0.8	192	-5.9	70.7	9.9	Off
EW-3018	0.0	0.7	103	-9.4	70.2	5.5	Off
EW-3019	0.9	1.0	1,191	-3.1	71.0	23.0	On
EW-3020	3.4	3.4	4,681	-1.8	45.2	23.0	On
EW-3021	0.0	0.4	353	0.6	28.3	18.0	Off
EW-3022	0.5	0.6	691	-2.5	37.2	23.0	On
EW-3023	2.4	2.4	3,287	-5.3	29.0	23.0	On
EW-3024	0.4	0.6	487	0.9	---	21.3	On
EW-3025	2.5	2.6	3,482	-4.5	39.8	23.0	On
EW-3026	3.4	3.4	4,653	-8.5	41.2	23.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	1.9	2.0	2,701	0.1	29.6	23.0	On
EW-4002	2.1	2.3	2,988	-46.9	15.3	23.0	On
EW-4003	2.0	2.1	2,781	-23.7	---	23.0	On
EW-4004	1.6	1.7	2,240	-12.3	16.5	23.0	On
EW-4005	2.0	2.0	2,729	-14.2	---	23.0	On
EW-4006	1.4	1.6	2,022	-51.2	33.7	23.0	On
EW-4007	1.1	1.1	1,445	-3.0	38.3	23.0	On
EW-4008	2.0	2.1	2,748	-6.5	35.3	23.0	On
EW-4009	0.8	0.9	1,147	-21.0	41.8	23.0	On
EW-4010	2.4	2.4	3,290	1.6	46.8	23.0	On
EW-4011	2.0	2.1	2,826	-19.6	46.3	23.0	On
EW-5001	2.0	2.0	2,767	-24.6	---	23.0	On
EW-5002	0.0	0.0	0	7.4	21.7	0.0	Off
EW Totals	**149.3**		**206,232**				

	Value	Total (KGal)	Peak Flow
FIT-100	147 GPM	202.8	153 GPM
FIT-500	196 GPM	172.5	232 GPM
Effluent Temp	96.3 °F		
Effluent pH	6.1		

Recharge and Injection Daily Report

March 13, 2016 12AM to March 14, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	34.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 13, 2016 12AM to March 14, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	52.1
Permeate Flow	FIT-642	0 GPM	37.2
Concentrate Flow	FIT-643	0 GPM	13.8

Inlet Conductivity	CIT-630	1,036.2 µS
Outlet Conductivity	CIT-642	83.9 µS
Hours Run		9.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 14, 2016 12AM to March 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	0.0	4.1	897	16.0	2.5	8.4	Off
EW-2002	0.0	4.1	406	15.3	2.3	8.4	Off
EW-2003	0.0	4.2	641	14.7	2.5	8.4	Off
EW-2004	0.0	0.6	253	15.3	2.2	8.4	Off
EW-2005	0.0	0.6	201	15.7	2.3	8.2	Off
EW-2006	0.0	4.4	548	16.8	2.4	8.4	Off
EW-2007	0.0	4.7	930	17.0	2.2	8.4	Off
EW-2008	0.0	4.3	417	18.9	3.1	8.4	Off
EW-2009	0.0	4.3	578	17.6	3.3	8.3	Off
EW-2010	0.0	0.7	118	19.4	2.7	5.8	Off
EW-2011	0.0	0.7	134	22.1	1.3	6.3	Off
EW-2012	0.0	0.5	77	23.9	1.1	3.9	Off
EW-2013	0.0	0.6	98	23.7	1.1	4.5	Off
EW-2014	0.0	5.5	474	21.5	-0.5	8.4	Off
EW-2015	0.0	0.7	183	21.1	0.0	7.6	Off
EW-2016	0.0	1.0	253	20.9	---	8.1	Off
EW-2017	0.0	4.4	661	20.8	---	8.4	Off
EW-2018	0.0	7.6	323	20.6	---	8.4	Off
EW-2019	0.0	0.5	76	20.1	---	4.0	Off
EW-2020	0.0	0.5	114	20.2	---	5.8	Off
EW-2021	0.0	0.6	102	20.2	---	4.9	Off
EW-2022	0.0	0.6	149	20.1	---	6.8	Off
EW-2023	0.0	0.8	162	19.8	---	6.1	Off
EW-2024	0.0	0.7	108	19.9	---	5.2	Off
EW-2025	0.0	7.3	420	19.7	---	8.3	Off
EW-2026	0.0	7.4	340	19.8	---	8.4	Off
EW-2027	0.0	7.4	398	20.5	---	8.4	Off
EW-2028	0.0	7.3	385	19.7	---	8.4	Off
EW-2029	0.0	7.4	460	21.6	---	8.4	Off
EW-2030	0.0	7.3	705	19.5	---	8.4	Off
EW-2031	0.0	7.6	704	19.9	---	8.4	Off
EW-2032	0.0	7.0	255	19.6	---	8.4	Off
EW-2033	0.0	3.9	248	18.8	---	7.0	Off
EW-2034	0.0	5.0	399	20.0	0.2	8.4	Off
EW-2035	0.0	2.7	563	19.4	-3.3	8.4	Off
EW-2036	0.0	4.7	322	22.7	1.8	8.4	Off
EW-2037	0.0	6.0	406	21.2	1.6	8.4	Off
EW-2101	0.0	20.2	9,577	15.9	1.0	8.4	Off
EW-2102	0.0	18.6	8,436	17.1	1.1	8.4	Off
EW-2103	0.0	0.0	0	15.0	1.4	0.0	Off
EW-2104	0.0	43.4	21,408	15.3	1.0	8.4	Off
EW-3001	0.0	0.6	32	9.0	0.6	1.5	Off
EW-3002	0.0	0.6	218	12.3	0.1	8.2	Off
EW-3003	0.0	0.6	25	10.4	0.4	1.2	Off

Daily Log

March 14, 2016 12AM to March 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	47	11.9	---	3.0	Off
EW-3005	0.0	3.3	601	12.0	---	8.2	Off
EW-3006	0.0	0.7	23	11.1	---	1.1	Off
EW-3007	0.0	6.0	611	11.9	---	8.2	Off
EW-3008	0.0	0.7	171	11.9	---	8.2	Off
EW-3009	0.0	6.9	2,078	12.1	---	8.2	Off
EW-3010	0.0	5.9	674	12.6	---	8.1	Off
EW-3011	0.0	0.7	52	13.2	-0.2	1.7	Off
EW-3012	0.0	5.5	357	14.0	-0.7	8.2	Off
EW-3013	0.0	5.0	553	15.1	0.0	8.2	Off
EW-3014	0.0	0.5	125	13.2	0.5	6.2	Off
EW-3015	0.0	4.2	616	15.9	0.1	8.2	Off
EW-3016	0.0	2.1	467	15.3	0.9	8.2	Off
EW-3017	0.0	1.0	104	13.3	0.6	4.9	Off
EW-3018	0.0	0.7	63	3.0	0.5	3.1	Off
EW-3019	0.0	2.6	479	14.7	1.1	8.2	Off
EW-3020	0.0	6.4	1,784	15.7	2.9	8.2	Off
EW-3021	0.0	0.6	182	11.8	0.5	7.4	Off
EW-3022	0.0	4.8	395	11.9	0.7	8.2	Off
EW-3023	0.0	3.6	1,388	16.9	-0.3	8.2	Off
EW-3024	0.0	0.7	186	12.2	---	7.9	Off
EW-3025	0.0	5.1	1,496	12.0	0.8	8.2	Off
EW-3026	0.0	3.8	1,686	12.6	0.9	8.2	Off
EW-3027	0.0	0.8	74	12.0	---	4.2	Off
EW-4001	0.0	2.2	989	5.9	2.6	8.1	Off
EW-4002	0.0	6.8	1,210	5.6	1.2	8.1	Off
EW-4003	0.0	9.7	962	4.3	---	8.1	Off
EW-4004	0.0	1.9	782	6.4	0.3	8.1	Off
EW-4005	0.0	2.2	960	6.6	---	8.1	Off
EW-4006	0.0	4.7	862	3.8	0.2	8.1	Off
EW-4007	0.0	1.1	512	5.5	1.8	8.1	Off
EW-4008	0.0	2.2	986	4.4	1.8	8.1	Off
EW-4009	0.0	0.9	392	4.6	2.1	8.1	Off
EW-4010	0.0	2.7	1,162	5.5	2.9	8.1	Off
EW-4011	0.0	2.2	1,001	5.8	2.1	8.1	Off
EW-5001	0.0	2.2	959	0.7	---	8.1	Off
EW-5002	0.0	0.0	0	8.5	1.4	0.0	Off
EW Totals	**0.0**		**78,192**				

	Value	Total (KGal)	Peak Flow
FIT-100	0 GPM	77.0	200 GPM
FIT-500	0 GPM	67.6	229 GPM
Effluent Temp	80.8 °F		
Effluent pH	6.2		

Recharge and Injection Daily Report

March 14, 2016 12AM to March 15, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	8.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 14, 2016 12AM to March 15, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	11.8
Permeate Flow	FIT-642	0 GPM	8.4
Concentrate Flow	FIT-643	0 GPM	3.1

Inlet Conductivity	CIT-630	1,063.4 µS
Outlet Conductivity	CIT-642	196.5 µS
Hours Run		9.3 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	90.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 15, 2016 12AM to March 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.2	1,398	1.5	50.7	13.0	On
EW-2002	0.8	4.1	633	5.4	50.1	13.0	On
EW-2003	1.2	4.6	978	4.6	45.4	13.0	On
EW-2004	0.5	0.7	429	7.1	35.6	13.0	On
EW-2005	0.4	0.6	308	7.9	33.5	12.9	On
EW-2006	1.1	4.6	861	5.9	30.1	13.0	On
EW-2007	1.8	4.8	1,439	7.6	26.6	13.0	On
EW-2008	0.8	4.4	629	2.4	25.1	12.9	On
EW-2009	1.1	4.2	833	3.2	25.1	12.9	On
EW-2010	0.0	0.7	160	5.3	23.9	8.2	Off
EW-2011	0.0	0.7	185	8.4	22.0	9.0	Off
EW-2012	0.3	0.5	101	12.7	17.3	5.4	On
EW-2013	0.0	0.5	150	18.1	17.3	7.1	Off
EW-2014	0.9	5.6	717	12.9	21.2	13.0	On
EW-2015	0.4	0.7	297	11.7	17.0	12.3	On
EW-2016	0.6	1.2	399	10.1	---	13.0	On
EW-2017	1.3	4.4	1,018	12.1	---	13.0	On
EW-2018	0.6	7.6	478	11.0	---	13.0	On
EW-2019	0.0	0.4	103	13.2	---	5.6	Off
EW-2020	0.3	0.4	170	10.8	---	8.9	On
EW-2021	0.3	0.6	153	11.2	---	7.3	On
EW-2022	0.0	0.5	237	12.3	---	10.9	Off
EW-2023	0.4	0.7	251	10.7	---	9.5	On
EW-2024	0.0	0.5	156	10.7	---	7.6	Off
EW-2025	0.8	7.4	637	10.9	---	12.9	On
EW-2026	0.6	7.5	522	9.5	---	13.0	On
EW-2027	0.7	7.5	590	9.4	---	13.0	On
EW-2028	0.7	7.4	567	8.9	---	13.0	On
EW-2029	0.9	7.4	692	7.4	---	13.0	On
EW-2030	1.4	7.4	1,087	9.8	---	13.0	On
EW-2031	1.4	7.6	1,105	10.9	---	13.0	On
EW-2032	0.5	7.1	379	9.0	---	13.0	On
EW-2033	0.5	4.3	356	9.4	---	10.2	On
EW-2034	0.7	4.5	592	7.9	29.0	13.0	On
EW-2035	1.1	2.6	856	6.6	23.7	13.0	On
EW-2036	0.6	4.8	506	13.0	32.8	12.9	On
EW-2037	0.7	6.2	599	3.8	37.9	12.9	On
EW-2101	19.1	20.2	13,319	13.9	72.8	12.9	On
EW-2102	16.7	20.7	13,559	16.3	73.3	13.0	On
EW-2103	0.0	40.1	1,145	15.0	38.8	0.8	Off
EW-2104	44.4	44.9	33,771	13.4	64.8	12.9	On
EW-3001	0.0	0.6	48	2.1	17.2	2.3	Off
EW-3002	0.4	0.6	325	3.3	15.9	12.8	On
EW-3003	0.0	0.5	28	3.8	15.9	1.4	Off

Daily Log

March 15, 2016 12AM to March 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	67	1.3	---	4.3	Off
EW-3005	0.9	3.4	1,011	-0.5	---	12.8	On
EW-3006	0.0	0.6	21	0.4	---	0.9	Off
EW-3007	1.0	6.1	976	-1.2	---	12.8	On
EW-3008	0.4	0.6	263	-0.4	---	12.8	On
EW-3009	3.7	7.1	3,366	-1.8	---	12.8	On
EW-3010	1.3	6.1	1,117	-2.4	---	12.7	On
EW-3011	0.0	0.6	42	0.0	28.2	1.4	Off
EW-3012	0.6	5.8	511	-6.2	33.6	12.8	On
EW-3013	1.0	5.1	820	-6.5	42.9	12.8	On
EW-3014	0.3	0.6	175	-8.2	50.2	9.0	On
EW-3015	1.1	4.6	925	-6.3	59.0	12.8	On
EW-3016	0.8	2.4	699	-7.3	67.7	12.8	On
EW-3017	0.4	1.1	138	-7.0	71.3	6.8	On
EW-3018	0.0	0.6	90	-9.6	71.2	4.8	Off
EW-3019	0.9	2.8	729	-3.0	71.8	12.8	On
EW-3020	3.6	6.2	2,810	-2.2	50.3	12.8	On
EW-3021	0.4	0.7	317	-0.2	33.4	12.8	On
EW-3022	0.7	4.8	685	-2.5	44.0	12.8	On
EW-3023	2.8	3.7	2,370	-5.5	30.9	12.8	On
EW-3024	0.4	0.6	306	1.1	---	12.8	On
EW-3025	2.8	5.5	2,431	-4.6	47.1	12.8	On
EW-3026	3.7	3.8	2,764	-8.6	48.7	12.8	On
EW-3027	0.3	0.7	232	0.2	---	12.8	On
EW-4001	1.9	2.6	1,501	1.5	33.4	12.7	On
EW-4002	2.2	7.0	1,865	-47.0	17.7	12.7	On
EW-4003	2.0	2.5	1,477	-20.8	---	12.7	On
EW-4004	1.7	1.8	1,178	-9.8	18.8	12.7	On
EW-4005	2.0	2.1	1,463	-11.3	---	12.7	On
EW-4006	1.6	5.0	1,306	-51.0	39.9	12.7	On
EW-4007	1.1	1.2	816	-1.3	45.1	12.7	On
EW-4008	2.0	2.9	1,508	-4.9	39.4	12.7	On
EW-4009	0.9	1.2	608	-18.2	43.8	12.7	On
EW-4010	2.2	2.7	1,731	3.0	50.7	12.7	On
EW-4011	2.1	2.6	1,600	-18.6	50.2	12.7	On
EW-5001	2.0	2.1	1,476	-21.3	---	12.7	On
EW-5002	0.0	1.9	14	8.8	24.0	0.1	Off
EW Totals	**154.6**		**122,173**				

	Value	Total (KGal)	Peak Flow
FIT-100	152 GPM	120.6	193 GPM
FIT-500	0 GPM	123.8	203 GPM
Effluent Temp	94.9 °F		
Effluent pH	6.9		

Recharge and Injection Daily Report

March 15, 2016 12AM to March 16, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	0.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 15, 2016 12AM to March 16, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	0.0
Permeate Flow	FIT-642	0 GPM	0.0
Concentrate Flow	FIT-643	0 GPM	0.0

Inlet Conductivity	CIT-630	1,063.4 µS
Outlet Conductivity	CIT-642	432.9 µS
Hours Run		1.5 hrs
Recharge Tank pH	AIT-660A	5.9
Recharge Tank Temp	TIT-660C	86.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 16, 2016 12AM to March 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.6	2,368	1.4	47.1	22.5	On
EW-2002	0.8	4.1	1,063	5.4	46.4	22.5	On
EW-2003	1.2	4.2	1,623	4.7	41.9	22.5	On
EW-2004	0.4	0.6	690	8.6	32.2	22.4	On
EW-2005	0.4	0.6	538	7.9	30.2	22.4	On
EW-2006	1.1	4.7	1,463	5.6	27.0	22.5	On
EW-2007	1.8	4.8	2,431	7.4	23.6	22.5	On
EW-2008	0.7	4.2	1,058	2.6	22.4	22.5	On
EW-2009	1.0	3.6	1,405	3.4	22.6	22.4	On
EW-2010	0.3	0.7	260	6.5	21.8	14.4	On
EW-2011	0.3	0.6	307	9.3	20.3	15.9	On
EW-2012	0.0	0.5	160	11.9	13.9	9.0	Off
EW-2013	0.0	0.6	253	17.3	14.0	13.0	Off
EW-2014	0.9	5.5	1,229	13.0	17.8	22.5	On
EW-2015	0.0	0.7	495	12.9	13.8	20.7	Off
EW-2016	0.5	0.8	690	11.3	---	21.9	On
EW-2017	1.3	4.5	1,737	12.1	---	22.5	On
EW-2018	0.6	7.6	804	11.1	---	22.5	On
EW-2019	0.3	0.5	170	12.8	---	9.5	On
EW-2020	0.3	0.5	285	10.4	---	15.4	On
EW-2021	0.0	0.6	252	11.4	---	12.5	Off
EW-2022	0.0	0.6	401	11.8	---	19.1	Off
EW-2023	0.4	0.8	409	12.7	---	15.7	On
EW-2024	0.3	0.6	257	10.7	---	13.1	On
EW-2025	0.8	7.4	1,067	10.8	---	22.4	On
EW-2026	0.6	7.6	866	9.4	---	22.5	On
EW-2027	0.7	7.5	993	9.3	---	22.5	On
EW-2028	0.7	7.5	953	8.8	---	22.5	On
EW-2029	0.9	7.5	1,163	7.4	---	22.5	On
EW-2030	1.3	7.5	1,823	9.7	---	22.5	On
EW-2031	1.4	7.7	1,860	10.8	---	22.5	On
EW-2032	0.5	7.2	635	8.9	---	22.5	On
EW-2033	0.5	4.5	614	9.4	---	19.4	On
EW-2034	0.7	4.6	995	8.1	26.4	22.5	On
EW-2035	1.1	2.8	1,469	6.4	20.7	22.5	On
EW-2036	0.6	4.8	842	13.0	29.3	22.5	On
EW-2037	0.8	6.1	1,005	4.0	34.5	22.5	On
EW-2101	19.6	20.2	26,268	13.5	71.2	22.5	On
EW-2102	16.9	18.5	22,771	16.1	72.0	22.5	On
EW-2103	0.0	47.6	5,186	14.7	33.7	2.1	Off
EW-2104	45.6	46.9	59,899	13.0	53.6	22.4	On
EW-3001	0.0	0.5	5	1.5	13.9	0.3	Off
EW-3002	0.5	0.6	579	2.7	12.8	22.4	On
EW-3003	0.0	0.6	5	3.8	12.8	0.2	Off

Daily Log

March 16, 2016 12AM to March 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	12	1.2	---	0.8	Off
EW-3005	0.8	3.6	1,161	-0.4	---	22.4	On
EW-3006	0.0	0.6	6	0.4	---	0.3	Off
EW-3007	0.9	5.9	1,277	-1.1	---	22.4	On
EW-3008	0.4	0.7	490	-0.5	---	22.4	On
EW-3009	3.6	7.0	4,959	-1.7	---	22.4	On
EW-3010	1.2	6.1	1,683	-2.3	---	22.4	On
EW-3011	0.0	0.6	19	0.0	25.6	0.6	Off
EW-3012	0.6	5.6	797	-6.2	31.1	22.4	On
EW-3013	1.0	5.0	1,348	-6.4	40.5	22.4	On
EW-3014	0.3	0.5	267	-9.0	47.9	14.6	On
EW-3015	1.1	4.2	1,516	-6.0	57.1	22.4	On
EW-3016	0.8	2.1	1,158	-7.5	66.1	22.4	On
EW-3017	0.3	0.7	203	-7.0	69.8	10.4	On
EW-3018	0.0	0.5	112	-8.8	69.7	6.4	Off
EW-3019	0.9	2.5	1,223	-2.9	70.6	22.4	On
EW-3020	3.6	5.3	4,803	-2.2	46.7	22.4	On
EW-3021	0.4	0.7	470	-0.2	29.2	21.9	On
EW-3022	0.6	4.8	938	-2.3	39.1	22.4	On
EW-3023	2.7	3.6	3,760	-5.5	28.4	22.3	On
EW-3024	0.4	0.7	548	0.9	---	21.9	On
EW-3025	2.7	5.1	3,730	-4.5	42.0	22.4	On
EW-3026	3.6	3.8	4,755	-8.5	43.7	22.4	On
EW-3027	0.0	0.7	271	0.3	---	14.9	Off
EW-4001	2.2	2.6	2,826	0.3	29.9	22.4	On
EW-4002	2.3	6.9	3,089	-47.2	14.5	22.4	On
EW-4003	2.0	9.5	2,683	-21.6	---	22.4	On
EW-4004	1.6	1.8	2,173	-10.8	15.9	22.4	On
EW-4005	2.0	2.2	2,681	-12.2	---	22.4	On
EW-4006	1.6	4.8	2,204	-51.1	35.4	22.4	On
EW-4007	1.1	1.2	1,425	-2.0	40.2	22.4	On
EW-4008	2.2	2.8	2,776	-6.2	34.4	22.4	On
EW-4009	0.8	0.9	1,060	-17.7	41.3	22.4	On
EW-4010	2.4	2.7	3,100	2.1	49.2	22.4	On
EW-4011	2.3	2.5	2,983	-22.3	48.7	22.4	On
EW-5001	1.9	2.2	2,668	-22.1	---	22.4	On
EW-5002	0.0	0.0	0	8.3	21.2	0.0	Off
EW Totals	**155.4**		**214,521**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	211.5	219 GPM
FIT-500	226 GPM	202.4	231 GPM
Effluent Temp	94.7 °F		
Effluent pH	7.0		

Recharge and Injection Daily Report

March 16, 2016 12AM to March 17, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	16.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 16, 2016 12AM to March 17, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	94 GPM	24.3
Permeate Flow	FIT-642	68 GPM	17.5
Concentrate Flow	FIT-643	25 GPM	6.5

Inlet Conductivity	CIT-630	868.9 µS
Outlet Conductivity	CIT-642	17.1 µS
Hours Run		0.0 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 17, 2016 12AM to March 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,494	1.4	46.9	24.0	On
EW-2002	0.8	0.8	1,096	5.4	46.2	24.0	On
EW-2003	1.1	1.2	1,652	4.7	41.7	24.0	On
EW-2004	0.4	0.4	597	8.6	32.2	24.0	On
EW-2005	0.4	0.4	543	7.6	30.2	24.0	On
EW-2006	1.1	1.1	1,531	5.6	27.1	24.0	On
EW-2007	1.7	1.8	2,533	7.5	23.7	24.0	On
EW-2008	0.7	0.9	1,098	2.6	22.7	24.0	On
EW-2009	1.0	1.1	1,497	3.4	23.0	24.0	On
EW-2010	0.3	0.4	268	6.4	22.0	15.0	On
EW-2011	0.3	0.5	318	9.2	20.6	16.7	On
EW-2012	0.0	0.3	156	12.5	14.8	9.0	Off
EW-2013	0.3	0.6	258	18.6	14.8	13.6	On
EW-2014	0.9	2.0	1,303	12.9	19.8	24.0	On
EW-2015	0.4	0.7	521	12.0	14.9	21.6	On
EW-2016	0.5	0.6	732	10.1	---	23.1	On
EW-2017	1.3	1.4	1,837	12.1	---	24.0	On
EW-2018	0.6	1.0	841	11.0	---	24.0	On
EW-2019	0.0	0.3	172	13.1	---	9.7	Off
EW-2020	0.3	0.3	294	12.0	---	16.0	On
EW-2021	0.3	0.5	255	11.5	---	12.9	On
EW-2022	0.0	0.5	409	12.9	---	19.7	Off
EW-2023	0.4	0.7	425	10.7	---	16.3	On
EW-2024	0.3	0.5	265	9.8	---	13.6	On
EW-2025	0.8	1.2	1,112	10.8	---	24.0	On
EW-2026	0.6	1.0	893	9.5	---	24.0	On
EW-2027	0.7	1.1	1,037	9.4	---	24.0	On
EW-2028	0.7	1.0	997	8.8	---	24.0	On
EW-2029	0.8	1.1	1,214	7.4	---	24.0	On
EW-2030	1.3	1.5	1,912	9.7	---	24.0	On
EW-2031	1.4	1.5	1,955	10.8	---	24.0	On
EW-2032	0.4	0.8	647	8.9	---	24.0	On
EW-2033	0.4	0.8	652	9.5	---	24.0	On
EW-2034	0.7	0.8	1,035	8.1	26.6	24.0	On
EW-2035	1.1	1.1	1,559	6.4	20.9	24.0	On
EW-2036	0.6	1.6	858	13.1	32.9	24.0	On
EW-2037	0.7	2.5	1,052	3.9	38.8	24.0	On
EW-2101	19.4	19.8	28,105	13.3	71.9	24.0	On
EW-2102	16.4	17.0	24,006	16.0	72.4	24.0	On
EW-2103	26.0	45.4	26,343	13.2	48.7	15.4	On
EW-2104	26.0	46.0	49,657	13.9	45.6	24.0	On
EW-3001	0.0	0.0	0	1.5	14.7	0.0	Off
EW-3002	0.5	0.6	627	2.7	13.5	24.0	On
EW-3003	0.0	0.0	0	3.8	13.4	0.0	Off

Daily Log

March 17, 2016 12AM to March 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.7	0.8	1,042	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	1.1	1,238	-1.2	---	24.0	On
EW-3008	0.4	0.5	544	-0.6	---	24.0	On
EW-3009	3.5	3.6	5,040	-1.8	---	24.0	On
EW-3010	1.2	1.3	1,699	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	0.0	25.8	0.0	Off
EW-3012	0.6	0.7	812	-6.2	31.4	24.0	On
EW-3013	1.0	1.1	1,409	-6.3	41.0	24.0	On
EW-3014	0.3	0.4	265	-8.8	48.5	15.1	On
EW-3015	1.1	1.2	1,575	-5.9	57.7	24.0	On
EW-3016	0.8	0.9	1,208	-7.4	66.6	24.0	On
EW-3017	0.3	0.7	204	-7.5	70.4	10.9	On
EW-3018	0.0	0.5	111	-9.4	70.2	7.0	Off
EW-3019	0.9	1.0	1,279	-2.9	71.1	24.0	On
EW-3020	3.5	3.6	5,103	-2.2	46.5	24.0	On
EW-3021	0.3	0.7	482	-0.3	31.7	23.6	On
EW-3022	0.6	1.6	883	-2.4	41.3	24.0	On
EW-3023	2.6	2.7	3,838	-5.5	28.8	24.0	On
EW-3024	0.3	0.6	516	1.5	---	22.4	On
EW-3025	2.6	3.5	3,787	-4.6	44.1	24.0	On
EW-3026	3.5	3.8	5,034	-8.6	45.7	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	2.1	2.6	2,999	-0.3	33.5	24.0	On
EW-4002	2.2	2.5	3,210	-47.1	15.0	24.0	On
EW-4003	2.1	2.2	2,899	-24.0	---	24.0	On
EW-4004	1.6	1.7	2,271	-11.1	16.0	24.0	On
EW-4005	2.0	2.0	2,786	-13.1	---	24.0	On
EW-4006	1.6	2.6	2,272	-51.1	37.6	24.0	On
EW-4007	1.0	1.2	1,463	-2.7	42.4	24.0	On
EW-4008	2.1	3.0	2,991	-6.9	41.2	24.0	On
EW-4009	0.8	0.9	1,141	-19.5	41.8	24.0	On
EW-4010	2.3	2.6	3,337	1.5	53.0	24.0	On
EW-4011	2.3	2.6	3,280	-23.4	52.6	24.0	On
EW-5001	2.0	2.0	2,788	-23.1	---	24.0	On
EW-5002	0.0	0.0	0	8.0	21.3	0.0	Off
EW Totals	**160.7**		**232,264**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	228.9	189 GPM
FIT-500	200 GPM	186.6	230 GPM
Effluent Temp	95.6 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

March 17, 2016 12AM to March 18, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	46.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 17, 2016 12AM to March 18, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	67.9
Permeate Flow	FIT-642	0 GPM	49.0
Concentrate Flow	FIT-643	0 GPM	17.9

Inlet Conductivity	CIT-630	860.5 µS
Outlet Conductivity	CIT-642	61.1 µS
Hours Run		5.0 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 18, 2016 12AM to March 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,461	1.6	47.2	24.0	On
EW-2002	0.7	0.8	1,063	5.6	46.5	24.0	On
EW-2003	1.1	1.2	1,626	4.8	42.2	24.0	On
EW-2004	0.4	0.4	593	8.5	32.7	24.0	On
EW-2005	0.4	0.4	535	7.9	30.7	24.0	On
EW-2006	1.0	1.1	1,486	5.8	27.5	24.0	On
EW-2007	1.7	1.8	2,460	7.7	24.2	24.0	On
EW-2008	0.8	0.9	1,094	2.4	23.7	24.0	On
EW-2009	1.1	1.1	1,498	3.2	23.8	24.0	On
EW-2010	0.3	0.4	267	5.8	22.9	14.7	On
EW-2011	0.4	0.4	318	8.6	21.4	16.5	On
EW-2012	0.0	0.3	154	13.3	14.8	8.8	Off
EW-2013	0.0	0.5	259	17.3	14.8	13.1	Off
EW-2014	0.9	1.5	1,305	12.9	18.5	24.0	On
EW-2015	0.5	0.6	517	13.4	14.6	21.4	On
EW-2016	0.6	0.6	738	10.2	---	23.3	On
EW-2017	1.3	1.3	1,808	12.3	---	24.0	On
EW-2018	0.6	0.9	835	10.9	---	24.0	On
EW-2019	0.0	0.4	171	13.2	---	9.6	Off
EW-2020	0.3	0.4	294	11.4	---	15.9	On
EW-2021	0.0	0.5	255	13.2	---	12.3	Off
EW-2022	0.4	0.5	401	12.0	---	19.3	On
EW-2023	0.5	0.6	416	12.2	---	15.8	On
EW-2024	0.0	0.5	260	9.8	---	13.1	Off
EW-2025	0.8	1.0	1,102	10.8	---	24.0	On
EW-2026	0.6	0.9	879	9.4	---	24.0	On
EW-2027	0.7	1.0	1,031	9.3	---	24.0	On
EW-2028	0.7	1.0	992	8.8	---	24.0	On
EW-2029	0.8	1.1	1,205	7.3	---	24.0	On
EW-2030	1.3	1.5	1,904	9.7	---	24.0	On
EW-2031	1.3	1.5	1,934	10.8	---	24.0	On
EW-2032	0.5	0.7	642	8.9	---	24.0	On
EW-2033	0.4	0.7	649	9.3	---	24.0	On
EW-2034	0.7	0.8	1,028	8.2	27.2	24.0	On
EW-2035	1.1	1.5	1,542	6.7	21.3	24.0	On
EW-2036	0.6	1.4	839	13.1	29.5	24.0	On
EW-2037	0.8	1.9	1,047	4.0	35.1	24.0	On
EW-2101	19.1	19.6	27,643	13.1	72.4	24.0	On
EW-2102	16.0	16.7	23,354	15.9	72.8	24.0	On
EW-2103	0.0	28.5	16,821	14.3	34.3	10.6	Off
EW-2104	45.5	45.8	53,296	12.7	54.4	24.0	On
EW-3001	0.0	0.0	0	1.5	14.7	0.0	Off
EW-3002	0.5	0.5	624	2.7	13.6	24.0	On
EW-3003	0.0	0.0	0	3.8	13.5	0.0	Off

Daily Log

March 18, 2016 12AM to March 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.7	0.7	951	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	1.0	1,192	-1.1	---	24.0	On
EW-3008	0.4	0.5	530	-0.5	---	24.0	On
EW-3009	3.4	3.5	4,920	-1.7	---	24.0	On
EW-3010	1.3	1.3	1,676	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.1	26.3	0.0	Off
EW-3012	0.5	0.7	809	-6.2	31.9	24.0	On
EW-3013	1.0	1.1	1,401	-6.3	41.7	24.0	On
EW-3014	0.0	0.4	261	-8.5	49.2	14.8	Off
EW-3015	1.1	1.2	1,568	-6.2	58.4	24.0	On
EW-3016	0.9	0.9	1,203	-7.5	67.4	24.0	On
EW-3017	0.0	0.9	201	-5.7	71.1	10.6	Off
EW-3018	0.0	0.5	109	-9.0	70.8	6.4	Off
EW-3019	0.9	1.0	1,274	-3.2	71.6	24.0	On
EW-3020	3.5	3.6	5,078	-2.1	46.8	24.0	On
EW-3021	0.0	0.6	446	1.0	29.2	22.0	Off
EW-3022	0.6	1.1	851	-2.5	38.8	24.0	On
EW-3023	2.6	2.6	3,739	-5.5	29.5	24.0	On
EW-3024	0.5	0.6	501	0.8	---	21.9	On
EW-3025	2.6	2.8	3,744	-4.6	41.6	24.0	On
EW-3026	3.5	3.6	5,028	-8.5	43.1	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	1.9	2.5	2,861	0.0	30.1	24.0	On
EW-4002	2.3	2.4	3,183	-46.9	15.0	24.0	On
EW-4003	2.1	2.2	2,960	-23.2	---	24.0	On
EW-4004	1.6	1.6	2,231	-10.9	16.6	24.0	On
EW-4005	2.0	2.0	2,768	-13.0	---	24.0	On
EW-4006	1.6	2.0	2,243	-51.2	35.1	24.0	On
EW-4007	1.1	1.2	1,457	-2.8	39.9	24.0	On
EW-4008	2.0	2.7	2,876	-6.4	34.7	24.0	On
EW-4009	0.9	0.9	1,161	-19.6	42.5	24.0	On
EW-4010	2.4	2.5	3,384	1.4	49.8	24.0	On
EW-4011	2.3	2.4	3,327	-24.2	49.5	24.0	On
EW-5001	2.0	2.0	2,784	-23.1	---	24.0	On
EW-5002	0.0	2.4	4	7.8	21.7	0.0	Off
EW Totals	**152.7**		**224,064**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	220.7	166 GPM
FIT-500	0 GPM	180.7	231 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

March 18, 2016 12AM to March 19, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	40 GPM	0.0
RC-7003	FIT-665	39 GPM	41.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 18, 2016 12AM to March 19, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	60.9
Permeate Flow	FIT-642	4 GPM	43.9
Concentrate Flow	FIT-643	0 GPM	16.0

Inlet Conductivity	CIT-630	868.1 µS
Outlet Conductivity	CIT-642	33.0 µS
Hours Run		11.7 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 19, 2016 12AM to March 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,421	1.7	47.5	24.0	On
EW-2002	0.7	0.8	1,064	5.4	46.9	24.0	On
EW-2003	1.1	1.2	1,612	4.8	42.5	24.0	On
EW-2004	0.4	0.4	597	8.5	33.0	24.0	On
EW-2005	0.4	0.4	543	7.4	31.0	24.0	On
EW-2006	1.0	1.1	1,455	5.8	27.7	24.0	On
EW-2007	1.7	1.7	2,443	7.5	24.3	24.0	On
EW-2008	0.8	0.9	1,085	2.6	23.6	24.0	On
EW-2009	1.1	1.1	1,503	3.4	23.8	24.0	On
EW-2010	0.3	0.4	267	6.1	22.8	14.9	On
EW-2011	0.3	0.5	318	9.0	21.3	16.7	On
EW-2012	0.3	0.3	161	11.3	15.3	9.2	On
EW-2013	0.0	0.5	256	18.1	15.3	12.7	Off
EW-2014	0.9	1.0	1,307	12.9	18.7	24.0	On
EW-2015	0.4	0.5	515	12.4	14.9	21.5	On
EW-2016	0.6	0.6	722	9.9	---	23.0	On
EW-2017	1.3	1.3	1,813	12.0	---	24.0	On
EW-2018	0.5	0.9	829	11.2	---	24.0	On
EW-2019	0.0	0.4	172	13.0	---	9.7	Off
EW-2020	0.0	0.4	294	10.8	---	15.8	Off
EW-2021	0.0	0.5	255	12.6	---	12.2	Off
EW-2022	0.4	0.4	397	11.3	---	18.9	On
EW-2023	0.4	0.6	411	12.7	---	15.6	On
EW-2024	0.0	0.5	258	10.9	---	12.7	Off
EW-2025	0.8	1.0	1,099	10.8	---	24.0	On
EW-2026	0.6	0.9	875	9.4	---	24.0	On
EW-2027	0.7	1.0	1,030	9.3	---	24.0	On
EW-2028	0.7	1.0	988	8.8	---	24.0	On
EW-2029	0.8	1.1	1,203	7.3	---	24.0	On
EW-2030	1.3	1.5	1,895	9.7	---	24.0	On
EW-2031	1.3	1.5	1,923	10.8	---	24.0	On
EW-2032	0.4	0.8	645	8.9	---	24.0	On
EW-2033	0.4	0.7	652	9.6	---	24.0	On
EW-2034	0.7	0.8	1,031	8.1	27.4	24.0	On
EW-2035	1.1	1.1	1,549	6.4	21.6	24.0	On
EW-2036	0.6	0.7	829	13.2	29.6	24.0	On
EW-2037	0.7	0.9	1,052	3.8	35.2	24.0	On
EW-2101	18.8	19.2	27,163	13.0	73.3	24.0	On
EW-2102	15.5	16.1	22,680	15.9	73.3	24.0	On
EW-2103	0.0	0.0	0	14.5	34.3	0.0	Off
EW-2104	45.2	45.7	65,265	12.5	54.2	24.0	On
EW-3001	0.0	0.0	0	1.5	15.2	0.0	Off
EW-3002	0.5	0.5	633	2.7	14.0	24.0	On
EW-3003	0.0	0.0	0	3.8	14.0	0.0	Off

Daily Log

March 19, 2016 12AM to March 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.6	0.7	895	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	1.0	1,223	-1.2	---	24.0	On
EW-3008	0.4	0.5	526	-0.6	---	24.0	On
EW-3009	3.4	3.4	4,865	-1.7	---	24.0	On
EW-3010	1.2	1.3	1,676	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.1	26.6	0.0	Off
EW-3012	0.5	0.8	803	-6.2	32.4	24.0	On
EW-3013	0.9	1.1	1,405	-6.5	42.3	24.0	On
EW-3014	0.3	0.4	265	-8.0	50.0	14.9	On
EW-3015	1.1	1.2	1,570	-6.3	59.3	24.0	On
EW-3016	0.8	0.9	1,200	-7.6	68.1	24.0	On
EW-3017	0.0	0.7	202	-5.7	71.9	10.4	Off
EW-3018	0.0	0.6	110	-9.5	71.6	6.0	Off
EW-3019	0.9	1.0	1,268	-3.1	72.4	24.0	On
EW-3020	3.5	3.5	5,051	-2.1	47.2	24.0	On
EW-3021	0.0	0.4	380	0.8	29.3	19.3	Off
EW-3022	0.6	0.7	840	-2.5	38.8	24.0	On
EW-3023	2.5	2.6	3,681	-5.3	30.0	24.0	On
EW-3024	0.3	0.6	482	1.5	---	21.5	On
EW-3025	2.6	2.6	3,731	-4.6	41.6	24.0	On
EW-3026	3.5	3.5	5,005	-8.5	43.2	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	1.9	1.9	2,733	-0.1	30.2	24.0	On
EW-4002	2.2	2.4	3,175	-47.1	15.6	24.0	On
EW-4003	2.0	2.1	2,903	-23.3	---	24.0	On
EW-4004	1.6	1.7	2,262	-11.6	16.9	24.0	On
EW-4005	2.0	2.0	2,787	-13.6	---	24.0	On
EW-4006	1.6	1.6	2,222	-51.1	35.2	24.0	On
EW-4007	1.0	1.1	1,441	-3.0	39.9	24.0	On
EW-4008	2.0	2.1	2,839	-6.8	35.0	24.0	On
EW-4009	0.8	0.9	1,180	-20.7	43.0	24.0	On
EW-4010	2.4	2.4	3,399	1.3	50.0	24.0	On
EW-4011	2.3	2.4	3,360	-24.2	49.5	24.0	On
EW-5001	2.0	2.0	2,813	-24.0	---	24.0	On
EW-5002	0.0	0.0	0	7.7	22.0	0.0	Off
EW Totals	**150.4**		**217,505**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	214.1	156 GPM
FIT-500	0 GPM	185.0	229 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

March 19, 2016 12AM to March 20, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	36.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 19, 2016 12AM to March 20, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	53.5
Permeate Flow	FIT-642	70 GPM	38.6
Concentrate Flow	FIT-643	25 GPM	13.9

Inlet Conductivity	CIT-630	874.7 µS
Outlet Conductivity	CIT-642	21.1 µS
Hours Run		10.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 20, 2016 12AM to March 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,430	1.8	47.8	24.0	On
EW-2002	0.7	0.8	1,054	5.5	47.1	24.0	On
EW-2003	1.1	1.1	1,585	4.8	42.8	24.0	On
EW-2004	0.4	0.4	595	8.6	33.3	24.0	On
EW-2005	0.4	0.5	556	7.5	31.3	24.0	On
EW-2006	1.0	1.1	1,431	5.9	27.9	24.0	On
EW-2007	1.7	1.7	2,412	7.6	24.5	24.0	On
EW-2008	0.8	0.9	1,095	2.4	23.9	24.0	On
EW-2009	1.0	1.1	1,509	3.2	24.1	24.0	On
EW-2010	0.4	0.4	270	5.4	23.2	15.3	On
EW-2011	0.4	0.5	320	8.3	21.7	17.0	On
EW-2012	0.3	0.3	154	11.5	15.5	8.9	On
EW-2013	0.0	0.5	255	17.4	15.5	12.8	Off
EW-2014	0.9	1.0	1,302	12.9	18.9	24.0	On
EW-2015	0.5	0.5	514	11.6	15.1	21.2	On
EW-2016	0.6	0.6	721	9.9	---	22.8	On
EW-2017	1.3	1.3	1,810	12.2	---	24.0	On
EW-2018	0.6	1.0	828	10.9	---	24.0	On
EW-2019	0.3	0.4	170	13.3	---	9.5	On
EW-2020	0.3	0.4	292	10.6	---	15.7	On
EW-2021	0.3	0.5	250	13.9	---	12.3	On
EW-2022	0.4	0.4	391	12.1	---	18.7	On
EW-2023	0.4	0.6	410	12.7	---	15.4	On
EW-2024	0.0	0.5	259	10.1	---	12.8	Off
EW-2025	0.8	1.0	1,095	10.8	---	24.0	On
EW-2026	0.6	0.9	869	9.4	---	24.0	On
EW-2027	0.7	1.0	1,029	9.3	---	24.0	On
EW-2028	0.7	1.0	984	8.8	---	24.0	On
EW-2029	0.8	1.1	1,201	7.3	---	24.0	On
EW-2030	1.3	1.5	1,897	9.7	---	24.0	On
EW-2031	1.3	1.5	1,918	10.8	---	24.0	On
EW-2032	0.5	0.8	647	8.9	---	24.0	On
EW-2033	0.4	0.8	654	9.4	---	24.0	On
EW-2034	0.8	0.9	1,024	8.0	27.7	24.0	On
EW-2035	1.1	1.1	1,547	6.6	21.7	24.0	On
EW-2036	0.6	0.7	824	13.1	29.9	24.0	On
EW-2037	0.7	0.9	1,060	3.8	35.4	24.0	On
EW-2101	18.7	19.2	26,855	13.0	73.4	24.0	On
EW-2102	15.5	16.0	22,283	15.9	73.8	24.0	On
EW-2103	0.0	0.0	0	14.6	34.6	0.0	Off
EW-2104	45.4	45.7	65,182	12.4	54.5	24.0	On
EW-3001	0.0	0.0	0	1.5	15.3	0.0	Off
EW-3002	0.5	0.5	643	2.7	14.2	24.0	On
EW-3003	0.0	0.0	0	3.8	14.1	0.0	Off

Daily Log

March 20, 2016 12AM to March 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.7	880	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	1.0	1,217	-1.2	---	24.0	On
EW-3008	0.4	0.5	526	-0.6	---	24.0	On
EW-3009	3.4	3.4	4,845	-1.7	---	24.0	On
EW-3010	1.2	1.3	1,671	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.1	26.8	0.0	Off
EW-3012	0.6	0.9	802	-6.2	32.6	24.0	On
EW-3013	1.0	3.2	1,397	-6.4	42.6	24.0	On
EW-3014	0.0	0.5	261	-8.6	50.2	14.7	Off
EW-3015	1.1	1.3	1,561	-6.3	59.5	24.0	On
EW-3016	0.9	1.0	1,199	-7.5	68.5	24.0	On
EW-3017	0.0	0.7	203	-6.0	71.9	10.5	Off
EW-3018	0.0	0.6	107	-9.0	71.8	5.8	Off
EW-3019	0.9	1.0	1,262	-3.1	72.7	24.0	On
EW-3020	3.5	3.5	5,027	-2.1	47.4	24.0	On
EW-3021	0.4	0.4	366	-0.4	29.8	18.4	On
EW-3022	0.6	0.7	822	-2.5	38.9	24.0	On
EW-3023	2.5	3.0	3,635	-5.3	30.4	24.0	On
EW-3024	0.0	0.6	474	1.4	---	21.3	Off
EW-3025	2.6	2.6	3,709	-4.5	41.6	24.0	On
EW-3026	3.4	3.5	4,992	-8.5	43.2	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	1.9	2.0	2,738	-0.3	30.5	24.0	On
EW-4002	2.2	2.4	3,167	-47.2	15.7	24.0	On
EW-4003	2.0	2.1	2,875	-23.0	---	24.0	On
EW-4004	1.6	1.7	2,290	-11.7	17.0	24.0	On
EW-4005	2.0	2.0	2,807	-13.7	---	24.0	On
EW-4006	1.5	1.7	2,203	-50.9	35.4	24.0	On
EW-4007	1.0	1.1	1,434	-3.0	40.0	24.0	On
EW-4008	2.0	2.1	2,851	-6.5	35.3	24.0	On
EW-4009	0.9	1.0	1,190	-20.7	43.4	24.0	On
EW-4010	2.4	2.4	3,380	1.2	50.1	24.0	On
EW-4011	2.3	2.4	3,346	-24.1	49.6	24.0	On
EW-5001	2.0	2.0	2,840	-24.1	---	24.0	On
EW-5002	0.0	0.0	0	7.6	22.1	0.0	Off
EW Totals	**151.6**		**216,397**				

	Value	Total (KGal)	Peak Flow
FIT-100	149 GPM	213.0	155 GPM
FIT-500	0 GPM	181.1	230 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

March 20, 2016 12AM to March 21, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	37.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 20, 2016 12AM to March 21, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	53.1
Permeate Flow	FIT-642	0 GPM	38.3
Concentrate Flow	FIT-643	0 GPM	13.8

Inlet Conductivity	CIT-630	862.9 µS
Outlet Conductivity	CIT-642	143.5 µS
Hours Run		9.3 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	95.7 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 21, 2016 12AM to March 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,436	1.4	48.0	24.0	On
EW-2002	0.7	0.8	1,052	5.5	47.3	24.0	On
EW-2003	1.1	1.2	1,586	4.7	42.9	24.0	On
EW-2004	0.4	0.5	595	8.7	33.3	24.0	On
EW-2005	0.4	0.5	547	7.3	31.3	23.8	On
EW-2006	1.0	1.1	1,403	5.7	27.9	24.0	On
EW-2007	1.7	1.8	2,370	7.5	24.3	24.0	On
EW-2008	0.7	0.9	1,085	2.5	23.1	24.0	On
EW-2009	1.0	1.2	1,513	3.3	23.2	24.0	On
EW-2010	0.0	0.5	266	6.7	22.3	14.9	On
EW-2011	0.3	0.5	316	9.3	20.9	16.7	On
EW-2012	0.2	0.3	152	13.5	15.7	8.8	On
EW-2013	0.3	0.5	252	18.4	15.8	12.4	On
EW-2014	0.9	1.5	1,302	12.9	19.0	24.0	On
EW-2015	0.4	0.7	510	12.6	15.2	21.0	On
EW-2016	0.6	0.7	710	10.1	---	22.7	On
EW-2017	1.3	1.4	1,847	12.1	---	24.0	On
EW-2018	0.6	1.1	826	10.9	---	24.0	On
EW-2019	0.3	0.4	171	12.0	---	9.6	On
EW-2020	0.3	0.4	291	10.3	---	15.6	On
EW-2021	0.3	0.5	250	13.9	---	12.1	On
EW-2022	0.4	0.5	393	11.5	---	18.7	On
EW-2023	0.0	0.6	411	13.0	---	15.6	Off
EW-2024	0.0	0.5	257	10.1	---	12.5	Off
EW-2025	0.8	1.1	1,091	10.8	---	24.0	On
EW-2026	0.6	0.9	864	9.4	---	24.0	On
EW-2027	0.7	1.0	1,027	9.3	---	24.0	On
EW-2028	0.7	1.0	979	8.8	---	24.0	On
EW-2029	0.8	1.1	1,194	7.3	---	24.0	On
EW-2030	1.3	1.5	1,896	9.7	---	24.0	On
EW-2031	1.3	1.5	1,910	10.8	---	24.0	On
EW-2032	0.5	0.8	643	8.9	---	24.0	On
EW-2033	0.4	0.7	648	9.4	---	24.0	On
EW-2034	0.7	1.2	1,019	8.0	28.2	24.0	On
EW-2035	1.1	1.1	1,543	6.5	21.8	24.0	On
EW-2036	0.6	1.4	821	13.1	29.9	24.0	On
EW-2037	0.7	1.8	1,051	3.8	35.1	24.0	On
EW-2101	19.1	20.9	27,148	12.9	75.1	24.0	On
EW-2102	15.3	20.4	21,951	16.0	74.8	23.9	On
EW-2103	0.0	28.5	1,535	14.6	34.4	0.9	Off
EW-2104	45.3	45.9	62,417	12.3	54.7	24.0	On
EW-3001	0.0	0.0	0	1.5	15.5	0.0	Off
EW-3002	0.5	0.6	638	2.7	14.3	24.0	On
EW-3003	0.0	0.0	0	3.8	14.2	0.0	Off

Daily Log

March 21, 2016 12AM to March 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.7	0.8	924	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	1.1	1,188	-1.2	---	24.0	On
EW-3008	0.4	0.5	523	-0.6	---	24.0	On
EW-3009	3.3	3.4	4,767	-1.7	---	24.0	On
EW-3010	1.2	1.3	1,662	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.1	27.3	0.0	Off
EW-3012	0.5	1.7	801	-6.1	33.1	24.0	On
EW-3013	0.9	2.2	1,393	-6.4	43.4	24.0	On
EW-3014	0.3	0.8	259	-8.4	51.3	14.6	On
EW-3015	1.1	5.4	1,558	-6.2	60.7	23.9	On
EW-3016	0.8	1.8	1,199	-7.7	69.7	24.0	On
EW-3017	0.0	0.8	201	-6.1	73.5	10.4	Off
EW-3018	0.0	0.8	107	-9.0	73.4	5.8	Off
EW-3019	0.9	2.3	1,253	-3.1	74.2	24.0	On
EW-3020	3.4	3.6	5,006	-1.8	47.5	24.0	On
EW-3021	0.3	0.7	339	0.1	29.6	17.5	On
EW-3022	0.5	1.4	805	-2.3	38.7	24.0	On
EW-3023	2.5	2.8	3,615	-5.3	31.2	24.0	On
EW-3024	0.0	0.6	466	1.7	---	21.0	On
EW-3025	2.6	3.1	3,678	-4.5	41.5	24.0	On
EW-3026	3.4	3.7	4,951	-8.6	43.1	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	1.9	2.7	2,784	-0.7	30.4	24.0	On
EW-4002	2.1	2.5	3,151	-47.0	15.9	24.0	On
EW-4003	2.1	2.2	2,904	-24.0	---	24.0	On
EW-4004	1.7	1.8	2,340	-12.5	17.0	24.0	On
EW-4005	2.0	2.1	2,852	-14.7	---	24.0	On
EW-4006	1.5	2.3	2,176	-50.9	35.2	24.0	On
EW-4007	1.0	1.2	1,472	-3.6	39.8	24.0	On
EW-4008	2.0	2.8	2,848	-6.7	35.1	24.0	On
EW-4009	0.8	1.2	1,194	-21.4	44.1	24.0	On
EW-4010	2.4	2.6	3,318	0.9	49.1	24.0	On
EW-4011	2.2	2.5	3,156	-23.0	48.6	24.0	On
EW-5001	2.0	2.2	2,885	-25.0	---	24.0	On
EW-5002	0.0	0.0	0	7.3	22.2	0.0	Off
EW Totals	**150.8**		**214,697**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	211.2	165 GPM
FIT-500	194 GPM	170.9	230 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

March 21, 2016 12AM to March 22, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	38.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 21, 2016 12AM to March 22, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	56.5
Permeate Flow	FIT-642	0 GPM	40.9
Concentrate Flow	FIT-643	0 GPM	14.7

Inlet Conductivity	CIT-630	894.7 µS
Outlet Conductivity	CIT-642	106.8 µS
Hours Run		9.7 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 22, 2016 12AM to March 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.3	2,395	1.6	46.4	23.1	On
EW-2002	0.7	4.3	1,035	5.6	45.7	23.1	On
EW-2003	1.1	3.9	1,554	4.7	41.3	23.1	On
EW-2004	0.4	0.6	674	8.6	31.5	22.9	On
EW-2005	0.4	0.6	521	7.8	29.6	22.8	On
EW-2006	1.0	4.8	1,386	5.9	26.3	23.1	On
EW-2007	1.6	4.9	2,290	7.7	23.0	23.1	On
EW-2008	0.8	4.0	1,060	2.5	22.6	23.0	On
EW-2009	1.1	3.5	1,456	3.3	22.7	22.9	On
EW-2010	0.3	0.7	263	6.1	21.8	13.9	On
EW-2011	0.3	0.7	311	8.9	20.3	15.6	On
EW-2012	0.0	0.4	156	11.0	14.4	8.9	Off
EW-2013	0.4	0.7	251	17.8	14.5	12.4	On
EW-2014	0.9	5.5	1,264	13.2	17.7	23.2	On
EW-2015	0.5	0.7	502	13.6	13.8	20.6	On
EW-2016	0.4	0.7	701	12.2	---	22.3	On
EW-2017	1.3	4.5	1,775	12.3	---	23.2	On
EW-2018	0.8	7.5	813	10.9	---	23.2	On
EW-2019	0.0	0.4	169	12.8	---	9.5	Off
EW-2020	0.0	0.4	288	10.2	---	15.4	Off
EW-2021	0.4	0.5	250	12.9	---	11.9	On
EW-2022	0.4	0.5	391	11.1	---	18.5	On
EW-2023	0.5	0.6	415	11.5	---	15.6	On
EW-2024	0.4	0.6	253	10.6	---	12.5	On
EW-2025	0.9	7.3	1,067	10.9	---	23.1	On
EW-2026	0.8	7.4	851	9.4	---	23.2	On
EW-2027	0.9	7.5	1,009	9.3	---	23.2	On
EW-2028	0.9	7.4	962	8.8	---	23.2	On
EW-2029	1.0	7.5	1,171	7.4	---	23.2	On
EW-2030	1.4	7.4	1,847	9.9	---	23.2	On
EW-2031	1.4	7.7	1,861	11.0	---	23.2	On
EW-2032	0.6	7.0	632	8.9	---	23.2	On
EW-2033	0.6	4.4	617	9.4	---	19.7	On
EW-2034	0.7	3.5	1,010	8.2	26.9	22.9	On
EW-2035	1.1	2.7	1,504	6.5	20.5	23.2	On
EW-2036	0.6	5.0	809	13.2	28.8	23.0	On
EW-2037	0.7	6.5	1,016	4.1	33.4	23.0	On
EW-2101	19.2	20.1	25,233	12.9	73.9	23.1	On
EW-2102	15.3	18.1	20,445	16.0	73.8	23.1	On
EW-2103	0.0	0.0	0	14.6	33.3	0.0	Off
EW-2104	45.4	45.8	52,504	12.5	53.5	22.8	On
EW-3001	0.0	0.0	0	1.5	14.3	0.0	Off
EW-3002	0.4	0.6	585	2.7	13.0	22.7	On
EW-3003	0.0	0.0	0	3.8	12.9	0.0	Off

Daily Log

March 22, 2016 12AM to March 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	9	1.3	---	0.5	Off
EW-3005	0.7	4.3	966	-0.4	---	22.7	On
EW-3006	0.0	0.4	4	0.4	---	0.2	Off
EW-3007	0.8	5.8	1,162	-1.0	---	22.7	On
EW-3008	0.4	0.6	476	-0.6	---	22.7	On
EW-3009	3.4	6.9	4,695	-1.7	---	22.7	On
EW-3010	1.1	6.0	1,578	-2.2	---	22.7	On
EW-3011	0.0	0.6	27	-0.1	26.1	0.9	Off
EW-3012	0.6	5.8	786	-5.9	32.0	22.7	On
EW-3013	1.0	5.2	1,360	-6.3	42.1	22.7	On
EW-3014	0.3	0.6	256	-8.4	50.1	13.9	On
EW-3015	1.1	5.4	1,521	-6.1	59.6	22.7	On
EW-3016	0.8	2.9	1,174	-7.6	68.5	22.7	On
EW-3017	0.0	0.8	199	-5.2	72.6	10.0	Off
EW-3018	0.0	0.8	107	-9.1	72.4	6.0	Off
EW-3019	0.9	3.0	1,220	-3.2	73.2	22.7	On
EW-3020	3.5	6.4	4,815	-2.1	46.1	22.7	On
EW-3021	0.3	0.8	380	-0.2	28.6	18.6	On
EW-3022	0.5	5.0	793	-2.3	37.9	22.7	On
EW-3023	2.6	3.0	3,579	-5.5	30.1	22.7	On
EW-3024	0.5	0.6	487	0.9	---	20.8	On
EW-3025	2.5	5.9	3,568	-4.5	40.5	22.7	On
EW-3026	3.5	4.3	4,747	-8.6	42.1	22.7	On
EW-3027	0.0	0.7	58	0.2	---	3.2	Off
EW-4001	2.1	2.3	2,546	-0.6	29.6	21.0	On
EW-4002	2.3	6.9	2,904	-46.9	14.9	21.0	On
EW-4003	1.9	8.6	2,449	-21.5	---	21.0	On
EW-4004	1.5	1.8	1,981	-10.6	15.7	21.0	On
EW-4005	1.9	2.2	2,444	-12.5	---	21.0	On
EW-4006	1.6	6.1	2,054	-50.9	34.3	21.0	On
EW-4007	1.0	1.3	1,299	-3.1	38.9	21.0	On
EW-4008	2.1	2.6	2,550	-6.3	33.9	21.0	On
EW-4009	0.8	1.2	990	-18.7	42.8	21.0	On
EW-4010	2.3	2.6	2,896	1.3	45.5	21.0	On
EW-4011	2.1	2.3	2,656	-18.4	45.0	21.0	On
EW-5001	1.9	2.2	2,438	-22.7	---	21.0	On
EW-5002	0.0	2.0	24	7.6	20.8	0.2	Off
EW Totals	**153.3**		**194,496**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	191.1	162 GPM
FIT-500	0 GPM	161.0	231 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

March 22, 2016 12AM to March 23, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	38.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 22, 2016 12AM to March 23, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	56.6
Permeate Flow	FIT-642	0 GPM	40.8
Concentrate Flow	FIT-643	0 GPM	14.8

Inlet Conductivity	CIT-630	852.7 µS
Outlet Conductivity	CIT-642	21.1 µS
Hours Run		9.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 23, 2016 12AM to March 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.0	2,442	1.7	45.8	24.0	On
EW-2002	0.7	1.9	1,044	5.5	45.2	24.0	On
EW-2003	1.1	2.4	1,565	4.8	40.8	24.0	On
EW-2004	0.4	0.6	605	8.5	31.2	23.9	On
EW-2005	0.4	0.6	518	7.6	29.1	23.9	On
EW-2006	1.0	2.2	1,425	5.6	25.9	24.0	On
EW-2007	1.7	3.2	2,340	7.5	22.6	24.0	On
EW-2008	0.7	1.7	1,067	2.4	21.1	24.0	On
EW-2009	1.0	1.5	1,505	3.2	21.3	24.0	On
EW-2010	0.0	0.4	264	6.4	20.4	14.8	Off
EW-2011	0.0	0.4	312	9.5	18.9	16.6	On
EW-2012	0.0	0.3	152	13.3	14.2	8.8	Off
EW-2013	0.3	0.5	256	17.6	14.2	13.4	On
EW-2014	0.9	2.0	1,289	13.0	17.6	24.0	On
EW-2015	0.0	0.7	508	12.7	13.7	21.5	Off
EW-2016	0.5	0.6	703	11.4	---	22.6	On
EW-2017	1.2	2.3	1,782	12.2	---	24.0	On
EW-2018	0.6	1.4	827	11.0	---	24.0	On
EW-2019	0.0	0.3	170	11.8	---	9.7	Off
EW-2020	0.3	0.3	287	11.7	---	15.8	On
EW-2021	0.0	0.4	252	12.2	---	12.9	Off
EW-2022	0.4	0.4	393	11.7	---	19.7	On
EW-2023	0.0	0.6	418	12.3	---	16.5	Off
EW-2024	0.3	0.5	255	10.1	---	13.1	On
EW-2025	0.8	1.7	1,090	10.8	---	24.0	On
EW-2026	0.6	1.4	863	9.4	---	24.0	On
EW-2027	0.7	1.5	1,025	9.3	---	24.0	On
EW-2028	0.7	1.4	982	8.8	---	24.0	On
EW-2029	0.8	2.1	1,188	7.3	---	24.0	On
EW-2030	1.3	2.6	1,888	9.7	---	24.0	On
EW-2031	1.3	2.6	1,900	10.8	---	24.0	On
EW-2032	0.5	0.8	632	8.9	---	24.0	On
EW-2033	0.4	1.3	647	9.4	---	24.0	On
EW-2034	0.7	1.6	1,014	8.2	26.8	24.0	On
EW-2035	1.1	2.0	1,545	6.5	20.3	24.0	On
EW-2036	0.6	1.7	818	13.2	28.9	24.0	On
EW-2037	0.7	1.9	1,027	3.9	34.0	24.0	On
EW-2101	19.2	21.1	27,486	12.8	73.8	24.0	On
EW-2102	15.2	16.5	21,841	15.9	72.9	24.0	On
EW-2103	0.0	28.4	12,762	14.3	33.5	7.8	Off
EW-2104	45.4	45.8	56,852	12.4	54.1	24.0	On
EW-3001	0.0	0.0	0	1.5	14.0	0.0	Off
EW-3002	0.5	0.5	632	2.7	12.9	23.9	On
EW-3003	0.0	0.0	0	3.8	12.8	0.0	Off

Daily Log

March 23, 2016 12AM to March 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	1.8	860	-0.4	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	2.7	1,134	-1.1	---	23.9	On
EW-3008	0.4	0.5	538	-0.6	---	23.9	On
EW-3009	3.4	5.3	4,856	-1.7	---	23.9	On
EW-3010	1.1	4.2	1,566	-2.3	---	23.9	On
EW-3011	0.0	0.0	0	0.0	26.0	0.0	Off
EW-3012	0.6	2.9	798	-6.2	31.8	23.9	On
EW-3013	1.0	4.7	1,387	-6.5	41.9	23.9	On
EW-3014	0.0	0.5	257	-8.4	49.6	14.7	Off
EW-3015	1.1	3.9	1,554	-6.3	59.1	23.9	On
EW-3016	0.9	1.9	1,197	-7.5	68.0	23.9	On
EW-3017	0.0	0.7	203	-7.0	72.3	10.6	Off
EW-3018	0.0	0.6	107	-9.2	71.9	5.9	Off
EW-3019	0.9	2.0	1,248	-3.0	72.7	23.9	On
EW-3020	3.4	6.4	5,014	-1.9	45.5	23.9	On
EW-3021	0.3	0.6	390	0.4	28.4	20.1	On
EW-3022	0.5	2.7	762	-2.4	37.6	23.9	On
EW-3023	2.5	2.7	3,717	-5.3	30.1	23.9	On
EW-3024	0.4	0.5	495	0.7	---	21.7	On
EW-3025	2.5	5.8	3,632	-4.5	40.2	23.9	On
EW-3026	3.4	4.2	4,943	-8.6	41.7	23.9	On
EW-3027	0.0	0.7	4	0.2	---	0.2	Off
EW-4001	2.2	2.7	3,036	-1.0	29.5	23.9	On
EW-4002	2.2	6.3	3,176	-47.0	14.6	23.9	On
EW-4003	2.0	2.2	2,754	-22.5	---	23.9	On
EW-4004	1.6	1.6	2,185	-11.4	15.4	23.9	On
EW-4005	1.9	1.9	2,721	-13.1	---	23.9	On
EW-4006	1.5	5.0	2,263	-51.1	34.0	23.9	On
EW-4007	1.1	1.2	1,467	-3.5	38.6	23.9	On
EW-4008	2.1	2.9	2,967	-6.8	34.0	23.9	On
EW-4009	0.9	0.9	1,122	-20.0	42.6	23.9	On
EW-4010	2.4	2.7	3,293	0.9	48.0	23.9	On
EW-4011	2.3	2.4	3,059	-23.4	47.8	23.9	On
EW-5001	1.9	2.0	2,732	-23.4	---	23.9	On
EW-5002	0.0	0.0	0	7.5	20.6	0.0	Off
EW Totals	**149.7**		**220,005**				

	Value	Total (KGal)	Peak Flow
FIT-100	147 GPM	216.1	165 GPM
FIT-500	204 GPM	191.1	231 GPM
Effluent Temp	96.6 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

March 23, 2016 12AM to March 24, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	32.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 23, 2016 12AM to March 24, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	45.8
Permeate Flow	FIT-642	0 GPM	33.1
Concentrate Flow	FIT-643	0 GPM	12.0

Inlet Conductivity	CIT-630	855.6 µS
Outlet Conductivity	CIT-642	22.0 µS
Hours Run		9.7 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 24, 2016 12AM to March 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.6	1,951	1.7	37.3	18.9	On
EW-2002	0.7	5.5	847	5.5	36.7	18.9	On
EW-2003	1.1	3.4	1,281	4.7	32.2	18.9	On
EW-2004	0.4	0.6	566	8.4	28.8	18.9	On
EW-2005	0.4	0.7	417	8.0	26.8	18.7	On
EW-2006	1.0	4.4	1,148	5.7	24.5	18.9	On
EW-2007	1.6	4.7	1,857	7.6	21.9	18.9	On
EW-2008	0.8	4.2	872	2.6	21.2	18.9	On
EW-2009	1.0	2.4	1,188	3.3	21.4	18.8	On
EW-2010	0.3	0.7	219	5.9	20.5	12.2	On
EW-2011	0.3	0.6	257	8.8	19.0	13.5	On
EW-2012	0.0	0.3	156	11.3	14.0	9.0	Off
EW-2013	0.3	0.6	254	18.4	14.1	13.3	On
EW-2014	0.9	2.0	1,285	13.0	17.4	24.0	On
EW-2015	0.4	0.6	506	12.1	13.7	21.5	On
EW-2016	0.6	0.8	702	10.3	---	22.7	On
EW-2017	1.2	2.0	1,745	12.2	---	24.0	On
EW-2018	0.6	1.4	825	10.9	---	24.0	On
EW-2019	0.3	0.4	167	12.5	---	9.5	On
EW-2020	0.3	0.5	286	12.0	---	15.8	On
EW-2021	0.0	0.5	248	13.1	---	12.9	Off
EW-2022	0.3	0.5	390	12.7	---	19.7	On
EW-2023	0.4	0.6	416	11.2	---	16.4	On
EW-2024	0.3	0.5	254	9.9	---	13.1	On
EW-2025	0.8	1.7	1,085	10.8	---	24.0	On
EW-2026	0.6	1.3	858	9.4	---	24.0	On
EW-2027	0.7	1.5	1,021	9.3	---	24.0	On
EW-2028	0.7	1.4	981	8.8	---	24.0	On
EW-2029	0.8	2.0	1,184	7.4	---	24.0	On
EW-2030	1.3	2.1	1,879	9.8	---	24.0	On
EW-2031	1.3	2.1	1,885	10.9	---	24.0	On
EW-2032	0.4	0.9	633	8.9	---	24.0	On
EW-2033	0.4	1.3	646	9.4	---	24.0	On
EW-2034	0.7	2.9	824	8.0	17.4	18.9	On
EW-2035	1.1	2.7	1,220	6.5	19.3	18.9	On
EW-2036	0.6	1.5	803	13.3	28.0	24.0	On
EW-2037	0.7	2.7	1,019	3.9	32.3	24.0	On
EW-2101	14.9	20.7	19,260	13.7	30.9	18.9	On
EW-2102	15.7	21.8	17,844	16.0	33.8	18.9	On
EW-2103	0.0	14.8	2,694	14.4	32.7	4.5	Off
EW-2104	45.3	45.8	62,031	12.2	53.6	24.0	On
EW-3001	0.0	0.0	0	1.5	13.9	0.0	Off
EW-3002	0.4	0.6	631	2.8	12.7	24.0	On
EW-3003	0.0	0.0	0	3.8	12.7	0.0	Off

Daily Log

March 24, 2016 12AM to March 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.6	1.6	919	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	1.8	1,192	-1.1	---	24.0	On
EW-3008	0.4	0.7	534	-0.6	---	24.0	On
EW-3009	3.4	5.0	4,947	-1.7	---	24.0	On
EW-3010	1.1	2.7	1,616	-2.3	---	24.0	On
EW-3011	0.0	0.8	12	-0.2	16.5	0.4	Off
EW-3012	0.5	6.7	657	-6.1	18.0	18.9	On
EW-3013	0.9	6.2	1,127	-6.2	21.2	18.9	On
EW-3014	0.3	0.7	221	-8.1	23.4	11.9	On
EW-3015	1.0	6.1	1,265	-5.9	26.7	18.9	On
EW-3016	0.8	3.5	979	-7.5	29.4	18.9	On
EW-3017	0.4	0.8	175	-5.5	29.9	8.8	On
EW-3018	0.0	0.9	99	-9.7	29.6	5.4	Off
EW-3019	0.9	3.9	1,022	-2.8	30.5	18.9	On
EW-3020	3.5	5.6	4,005	-1.9	37.0	18.9	On
EW-3021	0.1	0.7	424	1.0	28.2	21.2	On
EW-3022	0.5	1.8	763	-2.5	36.6	24.0	On
EW-3023	2.6	2.9	2,960	-5.5	19.3	18.9	On
EW-3024	0.4	0.6	533	0.9	---	22.6	On
EW-3025	2.5	4.8	3,633	-4.5	39.3	24.0	On
EW-3026	3.4	4.2	4,923	-8.4	40.7	24.0	On
EW-3027	0.0	0.7	102	0.2	---	5.6	Off
EW-4001	1.9	2.5	2,889	-0.6	28.6	24.0	On
EW-4002	2.2	5.0	3,165	-47.0	14.4	24.0	On
EW-4003	2.1	2.3	2,866	-24.2	---	24.0	On
EW-4004	1.6	1.9	1,768	-12.0	14.6	18.9	On
EW-4005	2.1	2.3	2,887	-15.0	---	24.0	On
EW-4006	1.5	3.9	2,219	-51.2	33.3	24.0	On
EW-4007	1.0	1.2	1,422	-3.3	37.7	24.0	On
EW-4008	2.0	2.7	2,876	-6.4	33.3	24.0	On
EW-4009	0.8	1.3	939	-21.8	23.3	18.9	On
EW-4010	2.0	2.7	3,160	1.1	42.9	24.0	On
EW-4011	2.1	2.5	3,121	-21.1	42.8	24.0	On
EW-5001	2.1	2.3	2,882	-25.5	---	24.0	On
EW-5002	0.0	0.0	0	7.4	19.7	0.0	Off
EW Totals	**147.2**		**196,637**				

	Value	Total (KGal)	Peak Flow
FIT-100	145 GPM	192.9	154 GPM
FIT-500	199 GPM	150.8	230 GPM
Effluent Temp	96.8 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

March 24, 2016 12AM to March 25, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	39.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 24, 2016 12AM to March 25, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	58.1
Permeate Flow	FIT-642	71 GPM	42.1
Concentrate Flow	FIT-643	24 GPM	14.9

Inlet Conductivity	CIT-630	835.4 µS
Outlet Conductivity	CIT-642	20.6 µS
Hours Run		8.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 25, 2016 12AM to March 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,448	1.6	38.7	24.0	On
EW-2002	0.7	0.9	1,061	5.5	38.0	24.0	On
EW-2003	1.1	1.2	1,598	4.7	33.5	24.0	On
EW-2004	0.4	0.5	613	8.1	30.1	24.0	On
EW-2005	0.4	0.5	528	7.7	28.0	23.8	On
EW-2006	1.0	1.3	1,428	5.7	25.8	24.0	On
EW-2007	1.6	1.8	2,319	7.6	23.1	24.0	On
EW-2008	0.8	0.9	1,094	2.6	22.4	24.0	On
EW-2009	1.0	1.1	1,500	3.4	22.6	24.0	On
EW-2010	0.3	0.5	263	5.7	21.7	14.8	On
EW-2011	0.3	0.5	314	8.7	20.2	16.6	On
EW-2012	0.0	0.4	161	13.2	13.9	9.2	Off
EW-2013	0.0	0.6	255	18.1	13.9	13.2	Off
EW-2014	0.9	1.7	1,280	12.9	17.4	24.0	On
EW-2015	0.3	0.6	502	13.8	13.7	21.3	On
EW-2016	0.5	0.6	715	9.8	---	23.0	On
EW-2017	1.2	1.3	1,753	12.2	---	24.0	On
EW-2018	0.6	1.0	819	10.9	---	24.0	On
EW-2019	0.0	0.3	167	12.8	---	9.5	Off
EW-2020	0.3	0.4	289	10.4	---	15.7	On
EW-2021	0.3	0.5	249	11.8	---	12.8	On
EW-2022	0.3	0.4	395	11.5	---	19.8	On
EW-2023	0.4	0.6	412	12.7	---	16.3	On
EW-2024	0.0	0.5	252	10.8	---	13.0	Off
EW-2025	0.8	1.1	1,076	10.8	---	24.0	On
EW-2026	0.6	0.9	852	9.4	---	24.0	On
EW-2027	0.7	1.0	1,014	9.3	---	24.0	On
EW-2028	0.7	1.0	973	8.8	---	24.0	On
EW-2029	0.8	1.1	1,177	7.4	---	24.0	On
EW-2030	1.3	1.6	1,865	9.7	---	24.0	On
EW-2031	1.3	1.6	1,867	10.8	---	24.0	On
EW-2032	0.4	0.8	629	8.9	---	24.0	On
EW-2033	0.4	0.8	644	9.5	---	24.0	On
EW-2034	0.7	1.1	1,034	8.1	20.1	24.0	On
EW-2035	1.1	1.2	1,538	6.4	20.6	24.0	On
EW-2036	0.5	1.7	799	13.2	28.1	24.0	On
EW-2037	0.7	2.2	1,013	3.9	32.3	24.0	On
EW-2101	20.1	28.8	26,153	12.9	40.3	23.9	On
EW-2102	19.6	23.6	25,924	15.6	44.2	23.9	On
EW-2103	0.0	0.0	0	14.4	32.8	0.0	Off
EW-2104	45.3	45.8	63,556	12.1	53.5	24.0	On
EW-3001	0.0	0.0	0	1.5	13.8	0.0	Off
EW-3002	0.5	0.6	614	2.8	12.7	24.0	On
EW-3003	0.0	0.0	0	3.8	12.7	0.0	Off

Daily Log

March 25, 2016 12AM to March 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.7	0.7	890	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	1.0	1,120	-1.2	---	24.0	On
EW-3008	0.4	0.5	514	-0.6	---	24.0	On
EW-3009	3.3	3.5	4,762	-1.7	---	24.0	On
EW-3010	1.1	1.4	1,516	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	19.2	0.0	Off
EW-3012	0.6	1.8	810	-6.2	21.5	24.0	On
EW-3013	1.0	2.4	1,398	-6.5	25.9	24.0	On
EW-3014	0.0	0.7	257	-8.0	28.9	13.9	Off
EW-3015	1.1	5.1	1,551	-6.2	34.1	23.9	On
EW-3016	0.8	1.9	1,198	-7.4	37.4	24.0	On
EW-3017	0.0	1.0	204	-7.5	38.6	10.3	Off
EW-3018	0.0	0.6	105	-8.9	38.3	6.2	Off
EW-3019	0.9	2.2	1,271	-3.1	39.1	24.0	On
EW-3020	3.5	3.6	5,008	-2.1	38.3	24.0	On
EW-3021	0.3	0.7	448	0.0	27.8	22.5	On
EW-3022	0.5	1.2	725	-2.4	36.4	24.0	On
EW-3023	2.5	2.7	3,665	-5.5	22.4	24.0	On
EW-3024	0.4	0.5	512	0.7	---	22.0	On
EW-3025	2.5	2.9	3,562	-4.4	39.0	24.0	On
EW-3026	3.4	3.8	4,857	-8.4	40.5	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	1.9	2.5	2,712	-0.5	28.7	24.0	On
EW-4002	2.2	2.5	3,153	-47.1	14.3	24.0	On
EW-4003	2.0	2.2	2,914	-24.2	---	24.0	On
EW-4004	1.6	1.8	2,308	-12.7	15.8	24.0	On
EW-4005	2.0	2.2	2,937	-14.8	---	24.0	On
EW-4006	1.5	2.2	2,196	-51.1	33.1	24.0	On
EW-4007	1.0	1.2	1,388	-3.3	37.5	24.0	On
EW-4008	2.0	2.7	2,811	-6.4	33.4	24.0	On
EW-4009	0.9	1.3	1,199	-21.6	27.8	24.0	On
EW-4010	2.0	2.4	2,933	1.1	43.0	24.0	On
EW-4011	2.1	2.4	2,984	-20.9	42.8	24.0	On
EW-5001	2.0	2.2	2,910	-25.3	---	24.0	On
EW-5002	0.0	0.0	0	7.3	21.0	0.0	Off
EW Totals	**154.7**		**215,964**				

	Value	Total (KGal)	Peak Flow
FIT-100	152 GPM	212.3	164 GPM
FIT-500	198 GPM	182.7	231 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

March 25, 2016 12AM to March 26, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	40.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 25, 2016 12AM to March 26, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	59.3
Permeate Flow	FIT-642	0 GPM	42.8
Concentrate Flow	FIT-643	0 GPM	15.5

Inlet Conductivity	CIT-630	877.0 µS
Outlet Conductivity	CIT-642	24.0 µS
Hours Run		10.1 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 26, 2016 12AM to March 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.3	2,417	1.7	39.2	23.9	On
EW-2002	0.7	4.7	1,043	5.6	38.6	23.9	On
EW-2003	1.1	4.2	1,556	4.7	34.1	23.9	On
EW-2004	0.4	0.7	600	8.3	30.7	23.8	On
EW-2005	0.4	0.6	520	7.3	28.6	23.8	On
EW-2006	1.0	4.4	1,405	5.8	26.3	23.9	On
EW-2007	1.6	4.8	2,283	7.6	23.6	23.9	On
EW-2008	0.8	4.0	1,085	2.4	22.1	23.8	On
EW-2009	1.0	2.3	1,488	3.2	22.3	23.8	On
EW-2010	0.0	0.7	262	6.1	21.4	14.9	Off
EW-2011	0.0	0.7	312	9.1	19.9	16.6	Off
EW-2012	0.0	0.5	157	12.1	15.2	9.0	Off
EW-2013	0.4	0.6	254	17.3	15.2	13.2	On
EW-2014	0.9	5.3	1,277	12.9	18.5	23.9	On
EW-2015	0.4	0.7	501	12.9	14.7	21.3	On
EW-2016	0.6	0.6	697	10.6	---	22.4	On
EW-2017	1.2	4.4	1,753	12.2	---	23.9	On
EW-2018	0.6	6.0	818	10.9	---	23.9	On
EW-2019	0.0	0.4	167	13.2	---	9.5	Off
EW-2020	0.3	0.4	284	11.0	---	15.6	On
EW-2021	0.0	0.4	246	13.3	---	12.7	Off
EW-2022	0.4	0.4	389	11.9	---	19.6	On
EW-2023	0.0	0.6	412	10.8	---	15.9	Off
EW-2024	0.0	0.5	253	9.8	---	13.0	Off
EW-2025	0.8	6.2	1,073	10.8	---	23.8	On
EW-2026	0.6	6.2	849	9.4	---	23.9	On
EW-2027	0.7	7.0	1,011	9.3	---	23.9	On
EW-2028	0.7	6.6	971	8.8	---	23.9	On
EW-2029	0.8	7.2	1,173	7.3	---	23.8	On
EW-2030	1.3	7.3	1,861	9.7	---	23.9	On
EW-2031	1.3	7.5	1,860	10.8	---	23.9	On
EW-2032	0.5	5.0	629	8.9	---	23.9	On
EW-2033	0.4	4.4	615	9.3	---	19.5	On
EW-2034	0.7	2.3	1,023	8.2	21.0	23.9	On
EW-2035	1.1	2.6	1,531	6.6	21.0	23.9	On
EW-2036	0.6	4.6	791	13.2	29.5	23.8	On
EW-2037	0.7	5.9	1,009	3.8	34.1	23.8	On
EW-2101	20.1	21.4	28,638	12.7	41.0	23.9	On
EW-2102	18.9	20.2	27,598	15.6	44.9	23.9	On
EW-2103	0.0	0.0	0	14.4	34.0	0.0	Off
EW-2104	45.2	46.5	64,584	12.1	54.9	23.8	On
EW-3001	0.0	0.0	0	1.5	15.0	0.0	Off
EW-3002	0.5	0.5	630	2.8	13.8	23.8	On
EW-3003	0.0	0.0	0	3.8	13.8	0.0	Off

Daily Log

March 26, 2016 12AM to March 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	1	1.3	---	0.1	Off
EW-3005	0.7	4.6	951	-0.4	---	23.8	On
EW-3006	0.0	0.4	0	0.4	---	0.0	Off
EW-3007	0.8	5.5	1,092	-1.2	---	23.8	On
EW-3008	0.4	0.5	534	-0.6	---	23.8	On
EW-3009	3.4	6.9	4,728	-1.7	---	23.8	On
EW-3010	1.1	5.9	1,509	-2.4	---	23.8	On
EW-3011	0.0	0.6	8	0.0	20.1	0.3	Off
EW-3012	0.6	5.9	824	-6.2	22.3	23.8	On
EW-3013	1.0	5.5	1,389	-6.5	26.8	23.8	On
EW-3014	0.0	0.5	255	-8.7	29.8	14.0	Off
EW-3015	1.1	5.2	1,544	-6.3	34.8	23.8	On
EW-3016	0.9	3.0	1,188	-7.6	38.3	23.8	On
EW-3017	0.0	0.7	199	-6.7	39.3	10.3	Off
EW-3018	0.0	0.6	104	-9.0	39.1	6.3	Off
EW-3019	0.9	3.4	1,256	-3.2	40.0	23.8	On
EW-3020	3.5	6.3	4,997	-2.1	38.9	23.8	On
EW-3021	0.3	0.5	392	-0.1	29.1	19.9	On
EW-3022	0.5	4.7	702	-2.2	37.8	23.8	On
EW-3023	2.5	2.5	3,534	-4.3	23.5	23.8	On
EW-3024	0.5	0.6	497	0.8	---	21.8	On
EW-3025	2.5	5.9	3,536	-4.5	40.4	23.8	On
EW-3026	3.4	4.2	4,882	-8.6	42.0	23.8	On
EW-3027	0.0	0.7	12	0.2	---	0.7	Off
EW-4001	2.0	2.1	2,748	-0.8	30.0	23.7	On
EW-4002	2.2	6.5	3,133	-47.2	15.5	23.7	On
EW-4003	2.0	9.8	2,831	-23.4	---	23.7	On
EW-4004	1.6	1.7	2,279	-11.8	16.5	23.7	On
EW-4005	2.0	2.1	2,831	-13.6	---	23.7	On
EW-4006	1.6	5.1	2,179	-51.0	34.5	23.7	On
EW-4007	1.0	1.2	1,425	-3.6	39.0	23.7	On
EW-4008	2.0	2.1	2,787	-6.4	34.7	23.7	On
EW-4009	0.9	1.0	1,178	-21.5	28.7	23.7	On
EW-4010	2.4	2.7	3,051	0.9	46.5	23.7	On
EW-4011	2.1	2.1	2,920	-19.5	46.2	23.7	On
EW-5001	2.0	2.0	2,820	-24.4	---	23.7	On
EW-5002	0.0	0.0	0	7.1	21.4	0.0	Off
EW Totals	**154.1**		**220,341**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	216.5	173 GPM
FIT-500	197 GPM	180.3	230 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

March 26, 2016 12AM to March 27, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	38 GPM	41.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 26, 2016 12AM to March 27, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	60.1
Permeate Flow	FIT-642	68 GPM	43.3
Concentrate Flow	FIT-643	26 GPM	15.6

Inlet Conductivity	CIT-630	885.4 µS
Outlet Conductivity	CIT-642	21.1 µS
Hours Run		10.4 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	96.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 27, 2016 12AM to March 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,402	1.6	39.8	24.0	On
EW-2002	0.7	0.8	1,041	5.5	39.1	24.0	On
EW-2003	1.1	1.2	1,552	4.7	34.7	24.0	On
EW-2004	0.4	0.5	600	8.3	31.3	24.0	On
EW-2005	0.4	0.5	547	7.1	29.4	23.9	On
EW-2006	0.9	1.1	1,381	5.8	27.1	24.0	On
EW-2007	1.6	1.7	2,281	7.6	24.5	24.0	On
EW-2008	0.8	0.9	1,080	2.6	23.8	24.0	On
EW-2009	1.0	1.1	1,495	3.4	23.9	24.0	On
EW-2010	0.3	0.4	262	5.6	23.1	15.0	On
EW-2011	0.3	0.5	311	8.8	21.6	16.8	On
EW-2012	0.3	0.4	153	11.4	15.9	8.8	On
EW-2013	0.3	0.5	251	17.6	16.0	12.5	On
EW-2014	0.9	1.5	1,284	12.9	19.0	24.0	On
EW-2015	0.4	0.7	505	12.4	15.3	20.7	On
EW-2016	0.5	0.6	703	10.3	---	22.6	On
EW-2017	1.2	1.4	1,753	12.1	---	24.0	On
EW-2018	0.6	0.9	815	11.0	---	24.0	On
EW-2019	0.0	0.4	167	12.8	---	9.4	Off
EW-2020	0.3	0.4	284	10.7	---	15.4	On
EW-2021	0.3	0.4	244	12.7	---	12.5	On
EW-2022	0.0	0.4	386	12.2	---	19.1	Off
EW-2023	0.4	0.6	403	12.7	---	15.4	On
EW-2024	0.3	0.5	250	10.1	---	12.3	On
EW-2025	0.7	1.0	1,072	10.9	---	24.0	On
EW-2026	0.6	0.9	846	9.5	---	24.0	On
EW-2027	0.7	1.0	1,008	9.4	---	24.0	On
EW-2028	0.7	1.0	966	8.9	---	24.0	On
EW-2029	0.8	1.1	1,172	7.4	---	24.0	On
EW-2030	1.3	1.5	1,864	9.8	---	24.0	On
EW-2031	1.3	1.5	1,859	10.9	---	24.0	On
EW-2032	0.4	0.8	632	9.0	---	24.0	On
EW-2033	0.4	0.7	636	9.5	---	24.0	On
EW-2034	0.7	0.8	1,016	8.0	21.9	24.0	On
EW-2035	1.1	1.1	1,524	6.5	21.8	24.0	On
EW-2036	0.5	1.8	786	13.2	29.7	24.0	On
EW-2037	0.7	1.8	1,009	3.8	33.9	24.0	On
EW-2101	19.9	20.1	28,819	12.6	42.8	24.0	On
EW-2102	18.5	19.3	26,920	15.5	45.8	24.0	On
EW-2103	0.0	0.0	0	14.4	34.3	0.0	Off
EW-2104	45.3	45.7	64,532	12.0	54.8	24.0	On
EW-3001	0.0	0.0	0	1.5	15.8	0.0	Off
EW-3002	0.4	0.6	645	2.8	14.5	24.0	On
EW-3003	0.0	0.0	0	3.8	14.4	0.0	Off

Daily Log

March 27, 2016 12AM to March 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.7	0.9	923	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	1.0	1,126	-1.2	---	24.0	On
EW-3008	0.4	0.5	525	-0.6	---	24.0	On
EW-3009	3.3	3.4	4,777	-1.7	---	24.0	On
EW-3010	1.0	1.3	1,502	-2.4	---	24.0	On
EW-3011	0.0	0.6	88	0.0	21.0	2.7	Off
EW-3012	0.5	1.2	863	-6.0	23.4	24.0	On
EW-3013	0.9	5.8	1,276	-6.4	28.1	21.4	On
EW-3014	0.3	0.5	254	-8.6	31.1	13.9	On
EW-3015	1.0	1.6	1,559	-6.1	36.3	24.0	On
EW-3016	0.8	1.1	1,192	-7.6	39.7	24.0	On
EW-3017	0.0	0.7	199	-6.1	40.9	10.1	Off
EW-3018	0.3	0.6	104	-9.0	40.7	6.0	On
EW-3019	0.8	1.2	1,253	-3.0	41.5	24.0	On
EW-3020	3.5	3.5	5,004	-2.0	39.5	24.0	On
EW-3021	0.3	0.4	362	-0.3	29.2	18.4	On
EW-3022	0.5	1.3	694	-2.4	37.6	24.0	On
EW-3023	2.5	2.5	3,147	-3.9	24.5	21.4	On
EW-3024	0.4	0.6	505	0.7	---	21.9	On
EW-3025	2.4	3.1	3,520	-4.3	40.1	24.0	On
EW-3026	3.3	3.8	4,880	-8.3	41.6	24.0	On
EW-3027	0.0	0.7	40	0.2	---	2.2	Off
EW-4001	1.9	2.6	2,807	-0.5	30.2	24.0	On
EW-4002	2.2	2.4	3,140	-46.9	16.3	24.0	On
EW-4003	2.0	2.2	2,849	-24.0	---	24.0	On
EW-4004	1.6	1.8	2,316	-12.2	17.3	24.0	On
EW-4005	2.0	2.1	2,807	-14.2	---	24.0	On
EW-4006	1.5	1.9	2,171	-51.1	34.4	24.0	On
EW-4007	1.0	1.2	1,444	-3.4	38.7	24.0	On
EW-4008	2.0	2.7	2,833	-6.5	34.9	24.0	On
EW-4009	0.8	0.9	1,202	-21.8	29.9	24.0	On
EW-4010	2.0	2.5	3,211	1.1	44.5	24.0	On
EW-4011	2.1	2.5	2,954	-20.1	44.3	24.0	On
EW-5001	2.0	2.2	2,836	-24.9	---	24.0	On
EW-5002	0.0	0.0	0	7.1	22.2	0.0	Off
EW Totals	**153.7**		**219,818**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	216.0	160 GPM
FIT-500	0 GPM	171.2	232 GPM
Effluent Temp	96.8 °F		
Effluent pH	7.4		

Recharge and Injection Daily Report

March 27, 2016 12AM to March 28, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	40.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 27, 2016 12AM to March 28, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	62.2
Permeate Flow	FIT-642	70 GPM	44.9
Concentrate Flow	FIT-643	25 GPM	16.2

Inlet Conductivity	CIT-630	873.3 µS
Outlet Conductivity	CIT-642	21.1 µS
Hours Run		10.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 28, 2016 12AM to March 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,407	1.6	39.6	24.0	On
EW-2002	0.7	0.9	1,030	5.5	39.0	24.0	On
EW-2003	1.0	1.3	1,533	4.7	34.6	24.0	On
EW-2004	0.4	0.5	635	8.0	31.3	24.0	On
EW-2005	0.3	0.5	526	7.3	29.3	23.6	On
EW-2006	0.9	1.2	1,352	5.9	27.1	24.0	On
EW-2007	1.5	1.7	2,246	7.6	24.5	24.0	On
EW-2008	0.7	0.9	1,079	2.6	23.1	24.0	On
EW-2009	1.0	1.1	1,492	3.4	23.2	24.0	On
EW-2010	0.0	0.5	259	6.3	22.4	14.1	Off
EW-2011	0.0	0.5	309	9.5	20.9	16.0	On
EW-2012	0.0	0.3	150	13.0	16.0	8.6	Off
EW-2013	0.3	0.5	249	18.1	16.2	12.5	On
EW-2014	0.9	1.5	1,272	13.3	19.4	24.0	On
EW-2015	0.3	0.7	499	13.9	15.8	20.8	On
EW-2016	0.4	0.7	709	11.3	---	22.9	On
EW-2017	1.1	1.4	1,742	12.3	---	24.0	On
EW-2018	0.6	1.2	809	11.3	---	24.0	On
EW-2019	0.0	0.3	166	12.8	---	9.3	Off
EW-2020	0.3	0.4	281	11.6	---	15.2	On
EW-2021	0.0	0.4	245	11.5	---	12.1	Off
EW-2022	0.3	0.5	385	11.7	---	19.0	On
EW-2023	0.0	0.6	409	11.8	---	15.6	Off
EW-2024	0.3	0.6	248	11.5	---	12.3	On
EW-2025	0.7	1.2	1,064	11.2	---	24.0	On
EW-2026	0.6	1.1	840	9.8	---	24.0	On
EW-2027	0.7	1.2	1,001	9.7	---	24.0	On
EW-2028	0.7	1.2	958	9.2	---	24.0	On
EW-2029	0.8	1.2	1,165	7.7	---	24.0	On
EW-2030	1.2	1.6	1,848	10.1	---	24.0	On
EW-2031	1.3	1.6	1,841	11.2	---	24.0	On
EW-2032	0.4	0.9	625	9.3	---	24.0	On
EW-2033	0.4	0.9	637	9.7	---	24.0	On
EW-2034	0.7	0.9	1,015	8.1	22.5	24.0	On
EW-2035	1.0	1.2	1,519	6.7	22.0	24.0	On
EW-2036	0.5	1.6	782	13.2	30.0	24.0	On
EW-2037	0.6	1.7	1,001	4.1	34.2	24.0	On
EW-2101	21.9	22.6	25,191	12.3	44.7	24.0	On
EW-2102	17.2	20.1	22,537	15.6	46.5	24.0	On
EW-2103	0.0	0.0	0	14.4	34.8	0.0	Off
EW-2104	45.1	45.6	51,180	12.4	54.6	24.0	On
EW-3001	0.0	0.0	0	1.5	15.9	0.0	Off
EW-3002	0.3	0.6	615	2.7	14.8	24.0	On
EW-3003	0.0	0.0	0	3.8	14.8	0.0	Off

Daily Log

March 28, 2016 12AM to March 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.9	905	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.5	1.1	1,078	-0.8	---	24.0	On
EW-3008	0.3	0.5	507	-0.4	---	24.0	On
EW-3009	3.2	3.4	4,714	-1.6	---	24.0	On
EW-3010	0.9	1.4	1,429	-2.0	---	24.0	On
EW-3011	0.0	0.0	0	0.0	21.6	0.0	Off
EW-3012	0.6	1.3	826	-5.8	24.0	24.0	On
EW-3013	0.8	1.6	1,403	-6.1	28.8	24.0	On
EW-3014	0.3	0.7	252	-8.5	32.0	13.8	On
EW-3015	1.0	2.0	1,548	-5.9	37.6	24.0	On
EW-3016	0.8	1.5	1,189	-7.3	41.2	24.0	On
EW-3017	0.3	0.8	201	-7.0	42.6	10.0	On
EW-3018	0.0	0.5	103	-9.0	42.3	5.8	Off
EW-3019	0.8	1.8	1,254	-3.0	43.0	24.0	On
EW-3020	3.4	3.6	4,967	-2.0	39.3	24.0	On
EW-3021	0.0	0.7	357	0.7	29.1	18.2	Off
EW-3022	0.4	1.2	680	-2.4	37.5	24.0	On
EW-3023	2.4	2.6	3,562	-4.1	25.1	24.0	On
EW-3024	0.3	0.6	517	1.1	---	22.0	On
EW-3025	2.4	3.2	3,474	-4.5	40.0	24.0	On
EW-3026	3.3	3.8	4,813	-8.4	41.5	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	1.9	2.6	2,798	-0.9	30.6	24.0	On
EW-4002	2.2	2.4	3,125	-46.8	16.4	24.0	On
EW-4003	1.9	2.2	2,881	-24.3	---	24.0	On
EW-4004	1.5	1.8	2,313	-12.5	17.7	24.0	On
EW-4005	1.9	2.2	2,866	-14.8	---	24.0	On
EW-4006	1.5	2.2	2,145	-51.1	34.3	24.0	On
EW-4007	1.0	1.2	1,437	-3.8	38.6	24.0	On
EW-4008	2.0	2.7	2,889	-7.0	35.4	24.0	On
EW-4009	0.7	1.2	1,189	-21.6	30.3	24.0	On
EW-4010	2.1	2.5	3,068	0.8	44.9	24.0	On
EW-4011	2.1	2.4	3,074	-21.6	44.7	24.0	On
EW-5001	1.9	2.2	2,880	-25.3	---	24.0	On
EW-5002	0.0	0.0	0	7.1	22.4	0.0	Off
EW Totals	**149.7**		**198,294**				

	Value	Total (KGal)	Peak Flow
FIT-100	147 GPM	195.0	161 GPM
FIT-500	197 GPM	164.6	229 GPM
Effluent Temp	95.6 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

March 28, 2016 12AM to March 29, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	40 GPM	0.0
RC-7003	FIT-665	40 GPM	41.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 28, 2016 12AM to March 29, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	60.9
Permeate Flow	FIT-642	0 GPM	44.0
Concentrate Flow	FIT-643	0 GPM	15.8

Inlet Conductivity	CIT-630	909.7 µS
Outlet Conductivity	CIT-642	19.7 µS
Hours Run		10.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 29, 2016 12AM to March 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,400	1.7	38.5	24.0	On
EW-2002	0.7	0.9	1,030	5.5	37.9	24.0	On
EW-2003	1.0	1.2	1,515	4.8	33.3	24.0	On
EW-2004	0.5	0.5	632	7.6	29.9	24.0	On
EW-2005	0.4	0.5	522	7.4	27.9	23.7	On
EW-2006	0.9	1.1	1,335	5.9	25.6	24.0	On
EW-2007	1.6	1.7	2,235	7.6	23.0	24.0	On
EW-2008	0.8	0.9	1,081	2.4	21.7	24.0	On
EW-2009	1.1	1.1	1,494	3.2	21.8	24.0	On
EW-2010	0.0	0.5	264	5.5	20.8	14.9	Off
EW-2011	0.0	0.5	312	8.4	19.3	16.7	Off
EW-2012	0.3	0.3	154	12.3	14.5	8.9	On
EW-2013	0.3	0.5	252	18.4	14.6	12.8	On
EW-2014	0.9	1.1	1,274	13.1	17.8	24.0	On
EW-2015	0.5	0.6	502	11.6	13.9	21.1	On
EW-2016	0.6	0.7	693	11.6	---	22.5	On
EW-2017	1.2	1.4	1,750	12.2	---	24.0	On
EW-2018	0.6	1.2	810	10.9	---	24.0	On
EW-2019	0.0	0.3	167	11.7	---	9.6	Off
EW-2020	0.0	0.4	285	10.8	---	15.5	Off
EW-2021	0.0	0.5	244	11.4	---	12.6	Off
EW-2022	0.4	0.5	383	12.1	---	19.2	On
EW-2023	0.5	0.6	406	10.8	---	16.0	On
EW-2024	0.3	0.5	250	11.9	---	12.6	On
EW-2025	0.7	1.1	1,068	10.8	---	24.0	On
EW-2026	0.6	1.1	843	9.4	---	24.0	On
EW-2027	0.7	1.2	1,004	9.3	---	24.0	On
EW-2028	0.7	1.2	963	8.8	---	24.0	On
EW-2029	0.8	1.2	1,167	7.3	---	24.0	On
EW-2030	1.3	1.6	1,848	9.9	---	24.0	On
EW-2031	1.3	1.6	1,841	11.0	---	24.0	On
EW-2032	0.4	1.0	631	8.9	---	24.0	On
EW-2033	0.4	0.9	640	9.3	---	24.0	On
EW-2034	0.7	0.9	1,007	8.2	20.4	24.0	On
EW-2035	1.1	1.3	1,519	6.5	20.3	24.0	On
EW-2036	0.5	0.8	783	13.3	29.1	24.0	On
EW-2037	0.7	1.1	1,001	4.0	34.1	24.0	On
EW-2101	20.1	22.8	30,236	12.4	41.3	24.0	On
EW-2102	17.3	19.8	25,283	15.5	43.9	23.9	On
EW-2103	0.0	14.2	60	14.5	33.5	0.2	Off
EW-2104	45.2	45.5	64,794	12.0	54.2	24.0	On
EW-3001	0.0	0.0	0	1.5	14.4	0.0	Off
EW-3002	0.4	0.6	638	2.8	13.1	24.0	On
EW-3003	0.0	0.0	0	3.8	13.0	0.0	Off

Daily Log

March 29, 2016 12AM to March 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.7	1.0	940	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.7	1.0	1,064	-1.0	---	24.0	On
EW-3008	0.4	0.5	522	-0.6	---	24.0	On
EW-3009	3.3	3.4	4,671	-1.7	---	24.0	On
EW-3010	1.0	1.3	1,412	-2.4	---	24.0	On
EW-3011	0.0	0.6	46	0.0	19.4	3.6	On
EW-3012	0.6	1.7	849	-6.2	21.6	24.0	On
EW-3013	1.1	2.1	1,404	-6.4	26.6	24.0	On
EW-3014	0.4	0.6	256	-9.0	29.7	14.1	On
EW-3015	1.2	2.6	1,549	-6.2	35.1	24.0	On
EW-3016	0.8	1.7	1,184	-7.4	38.5	24.0	On
EW-3017	0.0	0.7	199	-7.3	39.6	10.1	Off
EW-3018	0.0	0.6	104	-9.0	39.4	5.6	Off
EW-3019	0.9	2.0	1,248	-3.0	40.2	24.0	On
EW-3020	3.4	3.5	4,927	-2.1	38.2	24.0	On
EW-3021	0.3	0.5	393	-0.2	28.2	19.8	On
EW-3022	0.4	0.7	652	-2.3	36.6	24.0	On
EW-3023	2.4	2.5	3,450	-4.1	22.9	24.0	On
EW-3024	0.0	0.6	516	0.8	---	22.3	Off
EW-3025	2.4	2.6	3,481	-4.5	39.1	24.0	On
EW-3026	3.4	3.9	4,815	-8.6	40.7	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.2	2.4	2,970	-1.3	29.7	24.0	On
EW-4002	2.2	2.4	3,108	-46.9	14.9	24.0	On
EW-4003	2.1	2.2	2,944	-25.7	---	24.0	On
EW-4004	1.8	1.8	2,390	-13.7	15.7	24.0	On
EW-4005	2.1	2.2	2,922	-16.2	---	24.0	On
EW-4006	1.5	1.7	2,125	-50.9	33.4	24.0	On
EW-4007	1.0	1.1	1,469	-3.9	37.8	24.0	On
EW-4008	2.1	2.6	2,938	-7.4	34.3	24.0	On
EW-4009	0.8	1.1	1,206	-21.9	28.2	24.0	On
EW-4010	2.4	2.4	3,231	0.7	48.0	24.0	On
EW-4011	2.2	2.3	3,136	-24.2	47.7	24.0	On
EW-5001	2.1	2.2	2,938	-26.5	---	24.0	On
EW-5002	0.0	2.7	23	7.0	20.6	0.2	Off
EW Totals	**153.1**		**220,399**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	216.5	165 GPM
FIT-500	202 GPM	185.3	228 GPM
Effluent Temp	95.4 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

March 29, 2016 12AM to March 30, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	37.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 29, 2016 12AM to March 30, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	54.0
Permeate Flow	FIT-642	0 GPM	38.8
Concentrate Flow	FIT-643	0 GPM	14.2

Inlet Conductivity	CIT-630	898.4 µS
Outlet Conductivity	CIT-642	170.7 µS
Hours Run		10.9 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	95.3 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 30, 2016 12AM to March 31, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.9	2,399	1.6	38.7	23.6	On
EW-2002	0.7	4.8	1,033	5.6	38.1	23.6	On
EW-2003	1.1	3.8	1,505	4.8	33.5	23.6	On
EW-2004	0.4	0.6	623	8.3	30.2	23.6	On
EW-2005	0.4	0.6	509	7.2	28.2	23.3	On
EW-2006	0.9	4.6	1,315	5.9	26.0	23.6	On
EW-2007	1.5	4.8	2,207	7.6	23.4	23.6	On
EW-2008	0.8	3.8	1,076	2.5	22.9	23.6	On
EW-2009	1.0	2.4	1,480	3.3	23.0	23.6	On
EW-2010	0.3	0.7	264	5.3	22.1	14.9	On
EW-2011	0.3	0.7	310	8.5	20.6	16.5	On
EW-2012	0.0	0.4	151	13.2	14.5	8.7	Off
EW-2013	0.0	0.6	250	18.5	14.5	13.1	Off
EW-2014	0.9	5.4	1,259	12.9	18.2	23.6	On
EW-2015	0.0	0.6	495	12.0	14.3	21.2	Off
EW-2016	0.5	0.7	687	10.3	---	22.3	On
EW-2017	1.2	4.5	1,730	12.2	---	23.6	On
EW-2018	0.6	7.5	807	11.0	---	23.6	On
EW-2019	0.3	0.4	164	12.9	---	9.4	On
EW-2020	0.0	0.4	285	10.8	---	15.7	Off
EW-2021	0.3	0.4	242	12.1	---	12.6	On
EW-2022	0.3	0.5	385	11.7	---	19.6	On
EW-2023	0.0	0.6	406	11.3	---	16.3	Off
EW-2024	0.0	0.5	250	10.5	---	13.1	Off
EW-2025	0.7	7.3	1,059	10.8	---	23.6	On
EW-2026	0.6	7.4	838	9.4	---	23.6	On
EW-2027	0.7	7.4	1,001	9.3	---	23.6	On
EW-2028	0.7	7.3	960	8.8	---	23.6	On
EW-2029	0.8	7.5	1,158	7.3	---	23.6	On
EW-2030	1.3	7.4	1,835	9.7	---	23.6	On
EW-2031	1.3	7.7	1,834	10.8	---	23.6	On
EW-2032	0.4	6.9	623	8.9	---	23.6	On
EW-2033	0.4	4.3	596	9.5	---	16.9	On
EW-2034	0.7	2.4	1,010	8.0	21.0	23.6	On
EW-2035	1.1	2.8	1,508	6.5	20.7	23.6	On
EW-2036	0.5	4.8	775	13.3	29.5	23.3	On
EW-2037	0.7	6.4	1,000	3.8	34.2	23.3	On
EW-2101	19.9	21.3	27,583	12.4	43.8	23.6	On
EW-2102	18.0	20.8	24,726	15.5	46.9	23.6	On
EW-2103	0.0	0.0	0	14.4	33.7	0.0	Off
EW-2104	45.0	45.4	58,762	12.1	53.8	23.3	On
EW-3001	0.0	0.0	0	1.5	14.4	0.0	Off
EW-3002	0.5	0.6	623	2.8	13.2	23.6	On
EW-3003	0.0	0.0	0	3.8	13.2	0.0	Off

Daily Log

March 30, 2016 12AM to March 31, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	3	1.2	---	0.2	Off
EW-3005	0.7	5.1	938	-0.4	---	23.6	On
EW-3006	0.0	0.4	1	0.4	---	0.1	Off
EW-3007	0.8	5.7	1,050	-1.2	---	23.6	On
EW-3008	0.4	0.5	525	-0.6	---	23.6	On
EW-3009	3.3	6.9	4,684	-1.7	---	23.6	On
EW-3010	1.0	5.9	1,383	-2.4	---	23.6	On
EW-3011	0.0	0.5	96	-0.4	20.1	7.0	On
EW-3012	0.6	5.8	857	-6.1	22.5	23.6	On
EW-3013	0.9	5.4	1,391	-6.4	27.5	23.6	On
EW-3014	0.3	0.5	250	-8.8	31.1	13.7	On
EW-3015	1.0	5.4	1,531	-6.2	37.2	23.5	On
EW-3016	0.8	2.9	1,177	-7.7	41.0	23.6	On
EW-3017	0.0	0.8	198	-6.6	42.1	10.2	Off
EW-3018	0.4	0.6	104	-9.2	42.0	5.7	On
EW-3019	0.8	3.1	1,233	-3.0	42.9	23.6	On
EW-3020	3.4	5.8	4,876	-1.8	38.3	23.6	On
EW-3021	0.3	0.7	388	-0.2	28.7	19.8	On
EW-3022	0.5	4.7	654	-2.3	37.3	23.6	On
EW-3023	2.4	2.5	3,360	-3.3	23.6	23.6	On
EW-3024	0.4	0.6	512	0.8	---	22.1	On
EW-3025	2.4	5.9	3,466	-4.5	39.9	23.6	On
EW-3026	3.4	4.2	4,785	-8.5	41.4	23.6	On
EW-3027	0.0	0.7	21	0.2	---	1.1	Off
EW-4001	2.2	3.2	2,959	-1.2	30.0	23.2	On
EW-4002	2.2	6.7	3,082	-47.2	14.7	23.5	On
EW-4003	2.0	3.2	2,864	-23.5	---	23.5	On
EW-4004	1.6	1.8	2,311	-11.4	16.3	23.5	On
EW-4005	1.9	2.2	2,859	-13.7	---	23.5	On
EW-4006	1.5	5.4	2,107	-51.0	34.0	23.5	On
EW-4007	1.0	2.1	1,447	-3.7	38.5	23.2	On
EW-4008	2.1	3.2	2,855	-6.8	34.4	23.2	On
EW-4009	0.8	1.2	1,162	-22.0	29.1	23.5	On
EW-4010	2.4	2.8	3,306	0.8	47.6	23.2	On
EW-4011	2.2	2.7	3,065	-21.2	47.2	23.2	On
EW-5001	2.0	2.2	2,858	-24.5	---	23.5	On
EW-5002	0.0	0.0	0	7.1	21.1	0.0	Off
EW Totals	**152.1**		**210,085**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	206.5	186 GPM
FIT-500	0 GPM	168.2	231 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

March 30, 2016 12AM to March 31, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	41 GPM	0.0
RC-7003	FIT-665	40 GPM	40.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 30, 2016 12AM to March 31, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	61.1
Permeate Flow	FIT-642	0 GPM	43.9
Concentrate Flow	FIT-643	0 GPM	16.1

Inlet Conductivity	CIT-630	917.3 µS
Outlet Conductivity	CIT-642	24.3 µS
Hours Run		9.8 hrs
Recharge Tank pH	AIT-660A	6.2
Recharge Tank Temp	TIT-660C	96.3 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

March 31, 2016 12AM to April 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.1	2,407	1.7	39.7	24.0	On
EW-2002	0.7	2.1	1,019	5.4	39.1	24.0	On
EW-2003	1.1	2.3	1,526	4.7	34.6	24.0	On
EW-2004	0.4	0.6	591	8.2	31.4	23.9	On
EW-2005	0.3	0.6	527	7.1	29.5	23.9	On
EW-2006	0.9	2.0	1,317	5.9	27.3	24.0	On
EW-2007	1.5	2.7	2,203	7.6	24.8	24.0	On
EW-2008	0.7	1.7	1,071	2.6	23.5	24.0	On
EW-2009	1.0	1.4	1,496	3.4	23.6	24.0	On
EW-2010	0.0	0.4	261	6.3	23.0	14.5	Off
EW-2011	0.3	0.5	309	9.5	21.5	16.2	On
EW-2012	0.0	0.3	153	11.2	15.9	8.8	Off
EW-2013	0.0	0.5	250	18.0	15.8	12.8	Off
EW-2014	0.9	1.7	1,269	13.3	19.5	24.0	On
EW-2015	0.3	0.5	498	11.8	15.8	20.9	On
EW-2016	0.4	0.6	696	10.3	---	22.7	On
EW-2017	1.1	2.2	1,720	12.3	---	24.0	On
EW-2018	0.5	1.4	804	11.3	---	24.0	On
EW-2019	0.0	0.3	167	12.4	---	9.4	Off
EW-2020	0.0	0.4	284	11.0	---	15.4	Off
EW-2021	0.3	0.4	244	11.4	---	12.5	On
EW-2022	0.0	0.4	383	12.8	---	19.2	Off
EW-2023	0.4	0.6	406	12.0	---	15.9	On
EW-2024	0.0	0.5	247	10.6	---	12.5	Off
EW-2025	0.7	1.6	1,059	11.2	---	24.0	On
EW-2026	0.6	1.3	838	9.8	---	24.0	On
EW-2027	0.7	1.5	1,001	9.7	---	24.0	On
EW-2028	0.6	1.4	960	9.2	---	24.0	On
EW-2029	0.8	2.0	1,158	7.7	---	24.0	On
EW-2030	1.3	2.3	1,849	10.1	---	24.0	On
EW-2031	1.2	2.3	1,832	11.2	---	24.0	On
EW-2032	0.4	0.8	619	9.3	---	24.0	On
EW-2033	0.4	1.4	631	9.7	---	24.0	On
EW-2034	0.7	1.4	1,004	8.1	22.9	24.0	On
EW-2035	1.0	1.8	1,509	6.7	22.1	24.0	On
EW-2036	0.5	1.4	779	13.2	30.2	24.0	On
EW-2037	0.6	1.7	1,002	4.2	34.8	24.0	On
EW-2101	22.9	23.3	31,491	11.8	48.4	24.0	On
EW-2102	15.8	18.2	24,359	15.6	49.1	24.0	On
EW-2103	0.0	0.0	0	14.4	34.9	0.0	Off
EW-2104	44.7	45.3	64,671	11.9	55.0	24.0	On
EW-3001	0.0	0.0	0	1.5	16.0	0.0	Off
EW-3002	0.3	0.5	617	2.8	14.8	24.0	On
EW-3003	0.0	0.0	0	3.8	14.8	0.0	Off

Daily Log

March 31, 2016 12AM to April 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.6	0.9	901	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.6	1.3	1,078	-0.8	---	24.0	On
EW-3008	0.3	0.5	522	-0.4	---	24.0	On
EW-3009	3.1	3.9	4,619	-1.6	---	24.0	On
EW-3010	0.9	1.9	1,358	-2.0	---	24.0	On
EW-3011	0.0	0.5	82	0.0	21.9	6.4	Off
EW-3012	0.6	1.6	867	-5.8	24.4	24.0	On
EW-3013	0.8	2.0	1,392	-6.1	29.7	24.0	On
EW-3014	0.3	0.5	249	-8.1	33.9	13.7	On
EW-3015	1.0	2.2	1,532	-6.1	40.4	24.0	On
EW-3016	0.8	2.0	1,178	-7.5	44.8	24.0	On
EW-3017	0.0	0.7	199	-7.2	46.4	10.1	Off
EW-3018	0.0	0.6	103	-8.8	46.2	5.5	Off
EW-3019	0.9	2.0	1,235	-3.2	46.9	24.0	On
EW-3020	3.4	6.0	4,907	-1.9	39.4	24.0	On
EW-3021	0.0	0.6	367	0.5	29.2	18.9	Off
EW-3022	0.5	4.3	664	-2.4	37.4	23.8	On
EW-3023	2.4	2.5	3,414	-3.8	25.5	24.0	On
EW-3024	0.3	0.6	521	1.1	---	22.1	On
EW-3025	2.4	5.7	3,485	-4.5	40.0	23.9	On
EW-3026	3.3	4.2	4,835	-8.5	41.4	23.9	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	1.9	2.2	2,911	-0.9	30.8	24.0	On
EW-4002	2.2	6.1	3,108	-46.8	16.3	24.0	On
EW-4003	1.8	2.1	2,790	-23.6	---	24.0	On
EW-4004	1.5	1.8	2,255	-11.6	17.7	24.0	On
EW-4005	1.8	2.0	2,749	-14.0	---	24.0	On
EW-4006	1.5	5.2	2,104	-51.0	34.3	23.8	On
EW-4007	1.0	1.4	1,482	-3.8	38.6	24.0	On
EW-4008	1.9	2.2	2,844	-6.8	35.5	24.0	On
EW-4009	0.7	0.9	1,186	-21.3	31.0	24.0	On
EW-4010	2.3	2.7	3,382	0.6	47.1	24.0	On
EW-4011	2.1	2.2	3,054	-21.6	46.8	24.0	On
EW-5001	1.8	2.0	2,776	-24.1	---	24.0	On
EW-5002	0.0	0.0	0	7.1	22.5	0.0	Off
EW Totals	**148.4**		**219,378**				

	Value	Total (KGal)	Peak Flow
FIT-100	145 GPM	215.0	170 GPM
FIT-500	198 GPM	177.2	231 GPM
Effluent Temp	95.8 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

March 31, 2016 12AM to April 1, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	41 GPM	0.0
RC-7003	FIT-665	41 GPM	41.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

March 31, 2016 12AM to April 1, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	60.9
Permeate Flow	FIT-642	0 GPM	43.9
Concentrate Flow	FIT-643	0 GPM	15.9

Inlet Conductivity	CIT-630	952.0 µS
Outlet Conductivity	CIT-642	21.1 µS
Hours Run		10.4 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 1, 2016 12AM to April 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.0	2,370	1.6	38.7	23.5	On
EW-2002	0.7	4.7	1,007	5.4	38.0	23.5	On
EW-2003	1.0	3.4	1,507	4.8	33.5	23.5	On
EW-2004	0.4	0.6	583	8.3	30.1	23.5	On
EW-2005	0.4	0.7	497	7.4	28.1	23.1	On
EW-2006	0.9	4.3	1,304	5.8	25.9	23.5	On
EW-2007	1.5	4.7	2,166	7.7	23.3	23.5	On
EW-2008	0.8	3.8	1,061	2.6	22.7	23.5	On
EW-2009	1.0	2.4	1,464	3.4	22.9	23.5	On
EW-2010	0.3	0.7	261	5.3	22.0	14.6	On
EW-2011	0.3	0.7	308	8.3	20.5	16.4	On
EW-2012	0.0	0.3	147	13.5	14.4	8.5	On
EW-2013	0.4	0.5	245	18.3	14.4	12.5	On
EW-2014	0.9	5.4	1,249	13.3	17.8	23.5	On
EW-2015	0.5	0.6	484	13.7	13.9	20.5	On
EW-2016	0.6	0.6	674	12.2	---	22.0	On
EW-2017	1.2	4.4	1,706	12.3	---	23.5	On
EW-2018	0.8	7.5	799	11.2	---	23.5	On
EW-2019	0.3	0.3	163	13.3	---	9.2	On
EW-2020	0.3	0.4	280	11.1	---	15.3	On
EW-2021	0.0	0.4	241	13.1	---	12.4	Off
EW-2022	0.4	0.5	381	11.3	---	19.3	On
EW-2023	0.0	0.6	398	11.4	---	15.7	Off
EW-2024	0.4	0.5	246	10.4	---	12.5	On
EW-2025	0.9	7.3	1,048	11.1	---	23.5	On
EW-2026	0.8	7.3	831	9.7	---	23.5	On
EW-2027	0.9	7.3	990	9.6	---	23.5	On
EW-2028	0.9	7.2	951	9.1	---	23.5	On
EW-2029	1.0	7.4	1,149	7.6	---	23.5	On
EW-2030	1.3	7.3	1,821	10.1	---	23.5	On
EW-2031	1.4	7.6	1,800	11.2	---	23.5	On
EW-2032	0.6	6.9	617	9.2	---	23.5	On
EW-2033	0.6	4.3	627	9.7	---	23.5	On
EW-2034	0.7	2.2	1,000	8.0	21.9	23.5	On
EW-2035	1.1	2.7	1,492	6.6	20.7	23.5	On
EW-2036	0.5	4.5	772	13.2	29.1	23.5	On
EW-2037	0.7	6.0	986	4.1	33.6	23.5	On
EW-2101	24.1	27.5	33,312	11.4	52.4	23.5	On
EW-2102	16.9	18.3	23,754	15.5	53.4	23.4	On
EW-2103	0.0	17.1	5,864	17.2	33.4	8.3	Off
EW-2104	45.0	45.3	62,584	11.9	53.8	23.5	On
EW-3001	0.0	0.0	0	1.5	14.3	0.0	Off
EW-3002	0.4	0.6	621	2.8	13.0	23.4	On
EW-3003	0.0	0.0	0	3.8	12.9	0.0	Off

Daily Log

April 1, 2016 12AM to April 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	4	1.2	---	0.3	Off
EW-3005	0.7	5.3	965	-0.3	---	23.4	On
EW-3006	0.0	0.5	2	0.4	---	0.1	Off
EW-3007	0.8	5.7	1,078	-0.9	---	23.4	On
EW-3008	0.4	0.5	517	-0.5	---	23.4	On
EW-3009	3.3	6.8	4,593	-1.7	---	23.5	On
EW-3010	1.0	5.9	1,336	-2.0	---	23.4	On
EW-3011	0.0	0.5	69	-0.1	21.0	5.0	Off
EW-3012	0.7	5.7	871	-5.8	23.9	23.5	On
EW-3013	1.0	5.3	1,378	-6.2	29.7	23.5	On
EW-3014	0.0	0.7	249	-8.1	34.9	13.6	Off
EW-3015	1.0	4.8	1,514	-6.1	42.7	23.5	On
EW-3016	0.8	2.7	1,165	-7.5	48.0	23.5	On
EW-3017	0.3	0.9	195	-5.3	49.9	9.9	On
EW-3018	0.0	0.6	102	-8.9	49.6	5.4	Off
EW-3019	0.8	3.0	1,217	-3.0	50.6	23.5	On
EW-3020	3.4	5.8	4,827	-2.2	38.4	23.5	On
EW-3021	0.3	0.5	359	-0.1	28.2	18.5	On
EW-3022	0.4	4.7	664	-2.3	36.7	23.5	On
EW-3023	2.4	2.5	3,337	-3.7	24.6	23.5	On
EW-3024	0.5	0.6	507	1.3	---	21.7	On
EW-3025	2.4	5.7	3,420	-4.5	39.2	23.5	On
EW-3026	3.4	4.2	4,687	-8.6	40.6	23.5	On
EW-3027	0.0	0.7	23	0.3	---	1.3	Off
EW-4001	2.1	2.4	2,863	-1.1	29.6	23.3	On
EW-4002	2.2	6.7	3,057	-46.9	14.6	23.3	On
EW-4003	1.9	9.3	2,733	-23.1	---	23.3	On
EW-4004	1.6	1.8	2,203	-11.4	16.1	23.3	On
EW-4005	1.9	2.1	2,699	-13.5	---	23.3	On
EW-4006	1.5	5.6	2,083	-50.9	33.4	23.3	On
EW-4007	1.0	1.1	1,443	-3.7	37.8	23.3	On
EW-4008	2.0	2.6	2,835	-7.0	34.1	23.3	On
EW-4009	0.8	1.1	1,138	-21.4	30.9	23.3	On
EW-4010	2.4	2.7	3,169	0.7	46.0	23.3	On
EW-4011	2.0	2.4	2,911	-20.1	45.8	23.3	On
EW-5001	1.9	2.1	2,717	-23.6	---	23.3	On
EW-5002	0.0	0.0	0	7.1	21.1	0.0	Off
EW Totals	**157.8**		**222,688**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	218.5	181 GPM
FIT-500	71 GPM	183.0	231 GPM
Effluent Temp	96.8 °F		
Effluent pH	7.3		

Recharge and Injection Daily Report

April 1, 2016 12AM to April 2, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	42.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 1, 2016 12AM to April 2, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	62.8
Permeate Flow	FIT-642	69 GPM	45.1
Concentrate Flow	FIT-643	25 GPM	16.6

Inlet Conductivity	CIT-630	908.0 µS
Outlet Conductivity	CIT-642	22.0 µS
Hours Run		10.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 2, 2016 12AM to April 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,409	1.7	38.8	24.0	On
EW-2002	0.7	0.7	1,013	5.5	38.2	24.0	On
EW-2003	1.0	1.0	1,473	4.7	33.5	24.0	On
EW-2004	0.4	0.4	585	8.1	30.1	24.0	On
EW-2005	0.4	0.4	522	7.2	28.1	24.0	On
EW-2006	0.9	1.0	1,344	5.8	25.8	24.0	On
EW-2007	1.5	1.5	2,182	7.7	23.1	24.0	On
EW-2008	0.8	0.9	1,082	2.4	21.9	24.0	On
EW-2009	1.0	1.1	1,492	3.2	21.9	24.0	On
EW-2010	0.0	0.4	263	6.1	20.8	15.0	Off
EW-2011	0.0	0.4	310	9.0	19.3	16.7	Off
EW-2012	0.0	0.3	155	12.7	14.2	8.9	Off
EW-2013	0.3	0.5	251	18.7	14.3	13.3	On
EW-2014	0.9	1.0	1,267	13.2	17.7	24.0	On
EW-2015	0.3	0.5	493	13.9	13.9	21.4	On
EW-2016	0.6	0.6	686	11.7	---	22.5	On
EW-2017	1.2	1.2	1,725	12.3	---	24.0	On
EW-2018	0.6	0.8	806	10.9	---	24.0	On
EW-2019	0.3	0.3	167	11.8	---	9.5	On
EW-2020	0.3	0.3	283	11.0	---	15.6	On
EW-2021	0.0	0.4	242	13.5	---	12.9	Off
EW-2022	0.4	0.4	386	11.0	---	20.0	On
EW-2023	0.5	0.5	404	11.3	---	16.2	On
EW-2024	0.4	0.5	248	10.2	---	13.0	On
EW-2025	0.7	1.0	1,063	10.8	---	24.0	On
EW-2026	0.6	0.8	840	9.4	---	24.0	On
EW-2027	0.7	0.9	1,003	9.3	---	24.0	On
EW-2028	0.7	0.9	964	8.8	---	24.0	On
EW-2029	0.8	1.0	1,161	7.3	---	24.0	On
EW-2030	1.4	1.4	1,844	9.8	---	24.0	On
EW-2031	1.4	1.4	1,829	10.9	---	24.0	On
EW-2032	0.4	0.7	619	8.9	---	24.0	On
EW-2033	0.5	0.6	635	9.3	---	24.0	On
EW-2034	0.7	0.8	1,012	8.1	21.9	24.0	On
EW-2035	1.1	1.1	1,514	6.6	20.6	24.0	On
EW-2036	0.5	0.8	777	13.3	29.1	24.0	On
EW-2037	0.7	0.8	993	4.1	33.6	24.0	On
EW-2101	23.8	24.3	34,499	11.3	52.9	24.0	On
EW-2102	16.2	16.9	23,860	15.5	53.6	24.0	On
EW-2103	0.0	0.0	0	17.3	33.4	0.0	Off
EW-2104	45.1	45.4	64,775	11.8	53.7	24.0	On
EW-3001	0.0	0.0	0	1.5	14.0	0.0	Off
EW-3002	0.5	0.5	638	2.8	12.9	24.0	On
EW-3003	0.0	0.0	0	3.8	12.8	0.0	Off

Daily Log

April 2, 2016 12AM to April 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	0	1.3	---	0.0	Off
EW-3005	0.6	0.7	889	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	0.8	1,049	-1.0	---	24.0	On
EW-3008	0.4	0.5	551	-0.6	---	24.0	On
EW-3009	3.3	3.3	4,728	-1.7	---	24.0	On
EW-3010	1.0	1.1	1,358	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	21.0	0.0	Off
EW-3012	0.6	0.8	876	-6.2	24.1	24.0	On
EW-3013	1.1	1.1	1,390	-6.4	30.0	24.0	On
EW-3014	0.0	0.5	253	-8.5	35.4	14.2	Off
EW-3015	1.1	1.3	1,534	-6.2	43.1	24.0	On
EW-3016	0.8	0.9	1,173	-7.5	48.5	24.0	On
EW-3017	0.0	0.8	199	-6.5	50.5	10.2	Off
EW-3018	0.0	0.6	102	-9.0	50.3	5.4	Off
EW-3019	0.8	1.0	1,226	-3.2	51.2	24.0	On
EW-3020	3.4	3.5	4,931	-2.1	38.4	24.0	On
EW-3021	0.3	0.4	351	0.6	28.0	18.6	On
EW-3022	0.4	0.5	659	-2.4	36.4	24.0	On
EW-3023	2.4	2.4	3,475	-4.3	24.6	24.0	On
EW-3024	0.5	0.5	510	1.1	---	22.3	On
EW-3025	2.4	2.4	3,460	-4.6	38.9	24.0	On
EW-3026	3.3	3.4	4,817	-8.6	40.5	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.1	2.2	3,075	-1.2	29.7	24.0	On
EW-4002	2.1	2.3	3,106	-46.8	14.8	24.0	On
EW-4003	2.0	2.0	2,781	-23.6	---	24.0	On
EW-4004	1.6	1.6	2,250	-11.5	15.9	24.0	On
EW-4005	1.9	1.9	2,741	-13.9	---	24.0	On
EW-4006	1.4	1.5	2,108	-50.9	33.2	24.0	On
EW-4007	1.1	1.1	1,514	-4.0	37.6	24.0	On
EW-4008	2.1	2.2	2,963	-7.1	34.1	24.0	On
EW-4009	0.9	0.9	1,183	-21.9	31.3	24.0	On
EW-4010	2.4	2.4	3,431	0.7	46.2	24.0	On
EW-4011	2.1	2.1	2,941	-20.6	45.9	24.0	On
EW-5001	2.0	2.0	2,761	-24.0	---	24.0	On
EW-5002	0.0	0.0	0	7.1	21.0	0.0	Off
EW Totals	**154.9**		**222,195**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	218.2	157 GPM
FIT-500	195 GPM	186.0	229 GPM
Effluent Temp	95.9 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

April 2, 2016 12AM to April 3, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	41 GPM	0.0
RC-7003	FIT-665	41 GPM	36.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 2, 2016 12AM to April 3, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	53.7
Permeate Flow	FIT-642	0 GPM	38.5
Concentrate Flow	FIT-643	0 GPM	14.2

Inlet Conductivity	CIT-630	891.5 µS
Outlet Conductivity	CIT-642	60.2 µS
Hours Run		10.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 3, 2016 12AM to April 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,422	1.7	38.9	24.0	On
EW-2002	0.7	0.7	1,016	5.6	38.2	24.0	On
EW-2003	1.0	1.0	1,460	4.8	33.6	24.0	On
EW-2004	0.4	0.4	584	8.1	30.2	24.0	On
EW-2005	0.4	0.4	530	7.2	28.2	24.0	On
EW-2006	0.9	1.0	1,327	5.8	25.9	24.0	On
EW-2007	1.5	1.5	2,166	7.7	23.3	24.0	On
EW-2008	0.8	0.9	1,092	2.5	22.7	24.0	On
EW-2009	1.1	1.1	1,507	3.3	22.9	24.0	On
EW-2010	0.3	0.4	268	5.9	21.9	15.2	On
EW-2011	0.3	0.4	312	8.6	20.4	16.8	On
EW-2012	0.0	0.5	149	13.3	14.2	8.5	Off
EW-2013	0.3	0.5	249	18.8	14.3	13.2	On
EW-2014	0.9	1.0	1,264	12.9	17.7	24.0	On
EW-2015	0.0	0.5	494	12.4	13.8	21.4	Off
EW-2016	0.6	0.6	685	10.1	---	22.5	On
EW-2017	1.2	1.3	1,764	12.2	---	24.0	On
EW-2018	0.5	0.8	801	10.9	---	24.0	On
EW-2019	0.0	0.3	166	11.6	---	9.5	Off
EW-2020	0.3	0.3	285	11.9	---	15.6	On
EW-2021	0.3	0.4	242	12.5	---	12.8	On
EW-2022	0.3	0.4	383	12.6	---	19.9	On
EW-2023	0.4	0.5	406	11.2	---	16.5	On
EW-2024	0.0	0.5	245	11.6	---	12.7	Off
EW-2025	0.7	0.9	1,062	10.8	---	24.0	On
EW-2026	0.6	0.8	838	9.4	---	24.0	On
EW-2027	0.7	0.9	1,006	9.3	---	24.0	On
EW-2028	0.7	0.9	966	8.8	---	24.0	On
EW-2029	0.8	1.0	1,162	7.4	---	24.0	On
EW-2030	1.3	1.4	1,856	9.7	---	24.0	On
EW-2031	1.3	1.4	1,857	10.8	---	24.0	On
EW-2032	0.4	0.7	615	8.9	---	24.0	On
EW-2033	0.4	0.7	633	9.4	---	24.0	On
EW-2034	0.7	0.7	1,006	8.2	22.3	24.0	On
EW-2035	1.1	1.1	1,512	6.5	20.6	24.0	On
EW-2036	0.5	0.6	779	13.2	29.1	24.0	On
EW-2037	0.7	0.8	1,007	3.9	33.8	24.0	On
EW-2101	23.5	23.9	34,034	11.2	53.7	24.0	On
EW-2102	15.8	16.5	23,149	15.5	54.1	24.0	On
EW-2103	0.0	0.0	0	17.3	33.6	0.0	Off
EW-2104	45.0	45.3	64,744	11.8	53.8	24.0	On
EW-3001	0.0	0.0	0	1.5	14.0	0.0	Off
EW-3002	0.5	0.5	637	2.8	12.9	24.0	On
EW-3003	0.0	0.0	0	3.8	12.9	0.0	Off

Daily Log

April 3, 2016 12AM to April 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.7	0.7	870	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	0.8	1,032	-1.1	---	24.0	On
EW-3008	0.4	0.5	548	-0.6	---	24.0	On
EW-3009	3.3	3.3	4,699	-1.7	---	24.0	On
EW-3010	1.0	1.1	1,350	-2.4	---	24.0	On
EW-3011	0.3	0.5	16	-0.3	21.4	1.3	On
EW-3012	0.6	0.8	900	-6.1	24.6	24.0	On
EW-3013	1.0	1.1	1,385	-6.4	30.8	24.0	On
EW-3014	0.3	0.4	249	-8.5	36.3	13.9	On
EW-3015	1.1	1.2	1,528	-6.3	44.1	24.0	On
EW-3016	0.8	0.9	1,167	-7.4	49.2	24.0	On
EW-3017	0.0	0.8	197	-7.3	51.2	10.1	Off
EW-3018	0.0	0.6	102	-9.3	51.4	5.4	Off
EW-3019	0.9	1.0	1,214	-3.1	52.2	24.0	On
EW-3020	3.4	3.5	4,919	-2.2	38.6	24.0	On
EW-3021	0.4	0.4	382	-0.3	28.1	19.9	On
EW-3022	0.5	0.5	643	-2.4	36.4	24.0	On
EW-3023	2.3	2.4	3,430	-4.1	25.0	24.0	On
EW-3024	0.4	0.5	519	1.0	---	22.4	On
EW-3025	2.4	2.4	3,437	-4.5	38.9	24.0	On
EW-3026	3.3	3.4	4,787	-8.5	40.5	24.0	On
EW-3027	0.0	0.0	0	0.3	---	0.0	Off
EW-4001	2.1	2.2	3,049	-1.2	29.7	24.0	On
EW-4002	2.1	2.3	3,096	-46.9	14.4	24.0	On
EW-4003	2.0	2.0	2,784	-23.8	---	24.0	On
EW-4004	1.6	1.6	2,239	-11.5	16.1	24.0	On
EW-4005	1.9	1.9	2,739	-14.1	---	24.0	On
EW-4006	1.5	1.5	2,091	-51.1	33.2	24.0	On
EW-4007	1.0	1.1	1,507	-3.8	37.6	24.0	On
EW-4008	2.0	2.2	2,938	-7.0	34.2	24.0	On
EW-4009	0.8	0.9	1,185	-21.6	32.0	24.0	On
EW-4010	2.4	2.4	3,425	0.7	46.3	24.0	On
EW-4011	2.0	2.1	2,940	-20.8	46.0	24.0	On
EW-5001	1.9	2.0	2,765	-24.1	---	24.0	On
EW-5002	0.0	0.0	0	7.1	21.0	0.0	Off
EW Totals	**153.9**		**220,815**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	216.7	156 GPM
FIT-500	199 GPM	177.3	228 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

April 3, 2016 12AM to April 4, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	41 GPM	0.0
RC-7003	FIT-665	40 GPM	40.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 3, 2016 12AM to April 4, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	59.3
Permeate Flow	FIT-642	0 GPM	42.6
Concentrate Flow	FIT-643	0 GPM	15.7

Inlet Conductivity	CIT-630	935.2 µS
Outlet Conductivity	CIT-642	57.0 µS
Hours Run		9.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 4, 2016 12AM to April 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,403	1.7	38.9	24.0	On
EW-2002	0.7	0.8	1,011	5.4	38.3	24.0	On
EW-2003	1.0	1.0	1,449	4.8	33.6	24.0	On
EW-2004	0.4	0.4	584	8.1	30.3	24.0	On
EW-2005	0.4	0.5	520	7.0	28.2	24.0	On
EW-2006	0.9	1.0	1,303	5.7	25.9	24.0	On
EW-2007	1.5	1.6	2,163	7.5	23.3	24.0	On
EW-2008	0.8	0.9	1,085	2.6	22.6	24.0	On
EW-2009	1.0	1.1	1,505	3.4	22.7	24.0	On
EW-2010	0.3	0.4	264	6.4	21.9	14.7	On
EW-2011	0.3	0.5	310	9.1	20.4	16.4	On
EW-2012	0.0	0.4	136	11.1	13.9	7.8	Off
EW-2013	0.0	0.5	250	18.5	13.9	12.8	Off
EW-2014	0.9	1.0	1,255	12.9	17.7	24.0	On
EW-2015	0.3	0.5	491	13.9	13.9	20.8	On
EW-2016	0.5	0.6	691	10.3	---	22.5	On
EW-2017	1.2	1.3	1,752	12.0	---	24.0	On
EW-2018	0.6	0.8	800	11.0	---	24.0	On
EW-2019	0.0	0.3	162	13.2	---	9.2	Off
EW-2020	0.3	0.3	284	10.4	---	15.5	On
EW-2021	0.3	0.4	240	13.8	---	12.5	On
EW-2022	0.3	0.4	389	11.6	---	20.0	On
EW-2023	0.4	0.5	404	12.6	---	16.1	On
EW-2024	0.3	0.5	248	10.4	---	12.6	On
EW-2025	0.7	0.9	1,055	10.8	---	24.0	On
EW-2026	0.6	0.9	833	9.5	---	24.0	On
EW-2027	0.7	1.0	1,000	9.4	---	24.0	On
EW-2028	0.7	1.0	959	8.8	---	24.0	On
EW-2029	0.8	1.1	1,156	7.4	---	24.0	On
EW-2030	1.3	1.5	1,847	9.7	---	24.0	On
EW-2031	1.3	1.5	1,842	10.8	---	24.0	On
EW-2032	0.4	0.8	606	9.0	---	24.0	On
EW-2033	0.4	0.7	631	9.6	---	24.0	On
EW-2034	0.7	0.8	1,003	8.1	22.7	24.0	On
EW-2035	1.0	1.3	1,503	6.5	20.6	24.0	On
EW-2036	0.5	0.6	776	13.4	29.1	24.0	On
EW-2037	0.7	1.1	997	3.8	33.8	24.0	On
EW-2101	23.0	27.1	33,520	11.2	56.2	24.0	On
EW-2102	16.5	16.9	23,419	15.4	57.4	24.0	On
EW-2103	0.0	5.2	40	17.3	33.5	0.1	Off
EW-2104	45.0	45.3	64,672	11.7	54.2	24.0	On
EW-3001	0.0	0.0	0	1.5	13.9	0.0	Off
EW-3002	0.5	0.5	612	2.8	12.8	24.0	On
EW-3003	0.0	0.0	0	3.8	12.8	0.0	Off

Daily Log

April 4, 2016 12AM to April 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.7	0.7	874	-0.5	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.7	0.8	997	-1.2	---	24.0	On
EW-3008	0.4	0.5	532	-0.7	---	24.0	On
EW-3009	3.2	3.3	4,675	-1.8	---	24.0	On
EW-3010	0.9	1.1	1,302	-2.4	---	24.0	On
EW-3011	0.0	0.5	103	-0.1	21.8	7.8	Off
EW-3012	0.5	1.8	810	-4.3	25.2	24.0	On
EW-3013	0.9	2.0	1,388	-6.4	32.0	24.0	On
EW-3014	0.3	0.4	248	-9.0	38.0	13.7	On
EW-3015	1.0	2.5	1,524	-5.9	46.1	24.0	On
EW-3016	0.8	1.7	1,165	-7.4	51.8	24.0	On
EW-3017	0.3	0.9	194	-5.7	54.1	9.9	On
EW-3018	0.5	0.7	101	-9.4	54.0	5.3	On
EW-3019	0.8	1.9	1,212	-2.9	54.8	24.0	On
EW-3020	3.4	3.4	4,882	-2.2	38.6	24.0	On
EW-3021	0.0	0.4	445	0.4	27.7	22.5	Off
EW-3022	0.5	0.6	630	-2.5	36.2	24.0	On
EW-3023	2.3	2.4	3,351	-4.0	25.5	24.0	On
EW-3024	0.4	0.5	533	0.8	---	22.2	On
EW-3025	2.4	2.4	3,409	-4.6	38.7	24.0	On
EW-3026	3.3	3.3	4,764	-8.6	40.2	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	2.1	2.2	3,026	-1.5	29.7	24.0	On
EW-4002	2.1	2.3	3,087	-47.2	14.2	24.0	On
EW-4003	1.9	2.0	2,762	-24.1	---	24.0	On
EW-4004	1.5	1.8	2,204	-11.7	16.1	24.0	On
EW-4005	1.9	2.0	2,724	-14.6	---	24.0	On
EW-4006	1.4	1.6	2,074	-51.1	33.0	24.0	On
EW-4007	1.1	1.1	1,473	-4.2	37.3	24.0	On
EW-4008	2.1	2.3	2,954	-7.5	34.3	24.0	On
EW-4009	0.8	1.1	1,166	-22.1	33.1	24.0	On
EW-4010	2.4	2.4	3,390	0.4	46.4	24.0	On
EW-4011	2.1	2.1	2,985	-22.1	46.1	24.0	On
EW-5001	1.9	2.0	2,749	-24.3	---	24.0	On
EW-5002	0.0	2.0	16	7.1	21.0	0.1	Off
EW Totals	**153.6**		**219,922**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	215.9	158 GPM
FIT-500	196 GPM	183.5	229 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

April 4, 2016 12AM to April 5, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	40 GPM	0.0
RC-7003	FIT-665	40 GPM	41.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 4, 2016 12AM to April 5, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	60.2
Permeate Flow	FIT-642	0 GPM	43.2
Concentrate Flow	FIT-643	0 GPM	15.9

Inlet Conductivity	CIT-630	870.4 µS
Outlet Conductivity	CIT-642	61.4 µS
Hours Run		10.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 5, 2016 12AM to April 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.6	2,246	1.5	39.8	21.9	On
EW-2002	0.7	5.4	952	5.5	39.2	21.9	On
EW-2003	1.1	2.8	1,384	4.8	34.4	21.9	On
EW-2004	0.4	0.6	544	8.3	31.0	21.9	On
EW-2005	0.4	0.7	485	7.2	28.9	21.8	On
EW-2006	1.0	3.9	1,256	5.8	26.6	21.9	On
EW-2007	1.5	4.5	2,027	7.6	23.9	21.9	On
EW-2008	0.9	4.1	1,010	2.4	22.5	21.9	On
EW-2009	1.1	2.3	1,374	3.3	22.7	21.9	On
EW-2010	0.0	0.7	253	5.7	21.7	14.2	Off
EW-2011	0.0	0.6	294	8.5	20.2	15.7	Off
EW-2012	0.0	0.3	148	11.5	15.0	8.4	Off
EW-2013	0.4	0.5	252	17.5	15.1	13.2	On
EW-2014	0.9	4.4	1,257	13.2	18.3	23.9	On
EW-2015	0.0	0.6	491	13.6	14.5	21.1	Off
EW-2016	0.6	0.6	683	10.1	---	22.3	On
EW-2017	1.2	4.4	1,743	12.4	---	23.9	On
EW-2018	0.8	2.9	802	11.0	---	23.9	On
EW-2019	0.3	0.3	166	11.5	---	9.5	On
EW-2020	0.3	0.4	284	10.4	---	15.6	On
EW-2021	0.4	0.4	240	13.3	---	12.8	On
EW-2022	0.4	0.4	385	11.1	---	19.8	On
EW-2023	0.5	0.5	405	11.7	---	16.2	On
EW-2024	0.5	0.5	247	9.8	---	12.9	On
EW-2025	0.9	3.3	1,058	10.9	---	23.9	On
EW-2026	0.8	3.0	835	9.5	---	23.9	On
EW-2027	0.9	3.5	1,002	9.4	---	23.9	On
EW-2028	0.9	3.5	959	8.9	---	23.9	On
EW-2029	1.0	3.9	1,154	7.4	---	23.9	On
EW-2030	1.4	6.0	1,848	9.9	---	23.9	On
EW-2031	1.4	6.1	1,835	11.0	---	23.9	On
EW-2032	0.7	2.1	615	9.0	---	23.9	On
EW-2033	0.6	2.1	631	9.5	---	23.9	On
EW-2034	0.7	2.0	947	8.3	23.5	21.9	On
EW-2035	1.0	2.6	1,388	6.7	21.2	21.9	On
EW-2036	0.5	3.8	772	13.2	29.7	23.9	On
EW-2037	0.7	4.8	990	4.2	34.4	23.9	On
EW-2101	20.0	23.8	26,893	11.9	56.1	22.1	On
EW-2102	20.0	58.7	25,218	15.2	58.7	22.2	On
EW-2103	0.0	0.0	0	17.3	33.9	0.0	Off
EW-2104	44.5	45.3	64,130	11.7	53.0	23.9	On
EW-3001	0.0	0.0	0	1.5	14.8	0.0	Off
EW-3002	0.4	0.5	636	2.8	13.6	23.9	On
EW-3003	0.0	0.0	0	3.8	13.5	0.0	Off

Daily Log

April 5, 2016 12AM to April 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	1	1.3	---	0.1	Off
EW-3005	0.7	3.9	994	-0.3	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	4.4	1,028	-1.0	---	23.9	On
EW-3008	0.4	0.5	536	-0.5	---	23.9	On
EW-3009	3.2	6.9	4,693	-1.7	---	23.9	On
EW-3010	1.0	5.9	1,328	-2.2	---	23.9	On
EW-3011	0.5	0.5	97	-0.2	22.6	7.0	On
EW-3012	0.5	1.0	693	-4.3	26.2	22.0	On
EW-3013	1.0	5.5	1,305	-6.1	33.0	22.0	On
EW-3014	0.3	0.7	239	-8.8	39.1	13.1	On
EW-3015	1.1	5.1	1,428	-6.1	47.2	22.0	On
EW-3016	0.8	2.8	1,101	-7.4	53.0	22.0	On
EW-3017	0.0	0.9	193	-6.4	54.8	9.7	Off
EW-3018	0.0	1.2	100	-9.5	54.3	5.2	Off
EW-3019	0.9	3.1	1,141	-2.9	55.1	22.0	On
EW-3020	3.4	5.5	4,519	-2.1	39.5	21.9	On
EW-3021	0.4	0.5	387	-0.2	28.5	19.9	On
EW-3022	0.4	3.8	627	-2.2	36.7	23.9	On
EW-3023	2.3	2.4	3,063	-3.0	26.1	21.9	On
EW-3024	0.5	0.6	527	1.3	---	22.5	On
EW-3025	2.4	4.8	3,419	-4.5	39.1	23.9	On
EW-3026	3.3	3.9	4,751	-8.6	40.6	23.9	On
EW-3027	0.4	0.7	92	0.1	---	5.3	On
EW-4001	2.2	2.2	3,089	-1.5	30.2	23.9	On
EW-4002	2.2	6.3	3,077	-47.0	15.2	23.9	On
EW-4003	2.0	2.1	2,783	-24.2	---	23.9	On
EW-4004	1.6	1.9	2,035	-11.5	16.6	22.0	On
EW-4005	1.9	2.2	2,759	-14.4	---	23.9	On
EW-4006	1.4	4.1	2,060	-50.9	33.5	23.9	On
EW-4007	1.0	1.1	1,512	-4.0	37.8	23.9	On
EW-4008	2.0	2.3	2,971	-7.3	34.5	23.9	On
EW-4009	0.8	1.2	1,071	-21.3	34.1	21.9	On
EW-4010	2.4	2.6	3,406	0.4	48.3	23.9	On
EW-4011	2.2	2.4	3,140	-24.8	48.0	23.9	On
EW-5001	2.0	2.2	2,782	-24.4	---	23.9	On
EW-5002	0.0	0.0	0	7.1	21.5	0.0	Off
EW Totals	**157.5**		**212,785**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	209.6	182 GPM
FIT-500	196 GPM	172.7	229 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

April 5, 2016 12AM to April 6, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	41 GPM	0.0
RC-7003	FIT-665	40 GPM	41.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 5, 2016 12AM to April 6, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	47 GPM	60.6
Permeate Flow	FIT-642	28 GPM	43.7
Concentrate Flow	FIT-643	0 GPM	15.8

Inlet Conductivity	CIT-630	871.2 µS
Outlet Conductivity	CIT-642	279.8 µS
Hours Run		10.6 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	96.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 6, 2016 12AM to April 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.6	2,258	1.4	41.2	21.7	On
EW-2002	0.7	4.9	937	5.4	40.4	21.7	On
EW-2003	1.1	3.0	1,456	4.7	35.5	21.8	On
EW-2004	0.5	0.6	580	7.5	31.9	21.6	On
EW-2005	0.3	0.7	496	8.7	29.8	22.2	On
EW-2006	1.0	4.5	1,370	5.7	27.4	22.6	On
EW-2007	1.6	4.9	2,136	7.5	24.9	22.5	On
EW-2008	0.8	4.9	996	2.4	24.0	21.5	On
EW-2009	1.1	4.7	1,364	3.3	24.0	21.5	On
EW-2010	0.3	0.7	245	6.1	23.0	13.6	On
EW-2011	0.3	0.7	286	8.5	21.4	14.9	On
EW-2012	0.3	2.0	110	12.2	15.6	6.6	On
EW-2013	0.3	0.5	226	17.7	15.7	11.6	On
EW-2014	0.9	5.3	1,216	12.9	18.8	23.2	On
EW-2015	0.4	0.6	472	12.7	14.8	20.1	On
EW-2016	0.5	0.6	683	11.3	---	22.1	On
EW-2017	1.2	1.3	1,718	12.1	---	24.0	On
EW-2018	0.5	0.9	798	10.9	---	24.0	On
EW-2019	0.0	0.3	153	13.1	---	8.7	Off
EW-2020	0.3	0.4	268	10.8	---	14.6	On
EW-2021	0.0	0.4	238	14.0	---	12.4	Off
EW-2022	0.3	0.4	384	11.1	---	19.7	On
EW-2023	0.0	0.5	404	11.9	---	16.0	Off
EW-2024	0.3	0.5	244	11.1	---	12.4	On
EW-2025	0.7	1.0	1,054	10.8	---	24.0	On
EW-2026	0.6	0.9	832	9.4	---	24.0	On
EW-2027	0.7	1.0	997	9.3	---	24.0	On
EW-2028	0.7	1.0	954	8.8	---	24.0	On
EW-2029	0.8	1.1	1,150	7.4	---	24.0	On
EW-2030	1.3	1.5	1,841	9.7	---	24.0	On
EW-2031	1.3	1.5	1,818	10.8	---	24.0	On
EW-2032	0.4	0.8	615	8.9	---	24.0	On
EW-2033	0.4	0.8	629	9.5	---	24.0	On
EW-2034	0.7	4.3	953	8.1	24.9	22.3	On
EW-2035	1.0	2.7	1,454	6.6	21.8	23.1	On
EW-2036	0.5	4.4	745	13.1	30.0	22.8	On
EW-2037	0.7	5.2	936	3.8	35.0	22.5	On
EW-2101	20.0	20.6	27,698	11.8	60.5	24.0	On
EW-2102	19.9	21.6	27,674	15.1	62.4	24.0	On
EW-2103	0.0	20.3	6,366	17.1	34.2	6.1	Off
EW-2104	44.3	44.8	63,120	11.7	53.4	24.0	On
EW-3001	0.0	0.0	0	1.5	15.3	0.0	Off
EW-3002	0.4	0.5	626	2.8	14.0	24.0	On
EW-3003	0.0	0.0	0	3.8	13.9	0.0	Off

Daily Log

April 6, 2016 12AM to April 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.7	0.8	899	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.7	0.9	1,010	-1.2	---	24.0	On
EW-3008	0.4	0.5	525	-0.6	---	24.0	On
EW-3009	3.1	3.3	4,587	-1.7	---	24.0	On
EW-3010	0.9	1.1	1,271	-2.4	---	24.0	On
EW-3011	0.0	0.5	31	0.0	23.7	2.6	Off
EW-3012	0.6	0.8	773	-4.5	27.8	24.0	On
EW-3013	1.0	1.8	1,395	-6.3	35.4	24.0	On
EW-3014	0.3	0.5	247	-8.6	42.0	13.7	On
EW-3015	1.1	2.2	1,517	-6.3	50.7	24.0	On
EW-3016	0.8	1.6	1,167	-7.3	56.9	24.0	On
EW-3017	0.3	1.0	197	-7.2	58.7	10.1	On
EW-3018	0.0	0.7	100	-9.3	58.4	5.4	Off
EW-3019	0.9	1.9	1,246	-3.1	59.2	24.0	On
EW-3020	3.5	5.5	4,569	-2.2	40.8	21.8	On
EW-3021	0.3	0.5	358	0.1	28.5	18.6	On
EW-3022	0.4	0.8	611	-2.3	36.5	24.0	On
EW-3023	2.1	2.5	3,421	-3.7	27.2	24.0	On
EW-3024	0.4	0.6	519	1.0	---	22.1	On
EW-3025	2.3	2.6	3,380	-4.5	39.0	24.0	On
EW-3026	3.3	3.5	4,709	-8.5	40.4	24.0	On
EW-3027	0.5	0.7	209	0.1	---	11.9	On
EW-4001	2.1	2.5	3,020	-1.4	30.4	24.0	On
EW-4002	2.1	2.3	3,063	-47.0	15.7	24.0	On
EW-4003	2.0	2.1	2,830	-24.8	---	24.0	On
EW-4004	1.7	1.8	2,341	-12.5	17.2	24.0	On
EW-4005	2.0	2.0	2,786	-14.9	---	24.0	On
EW-4006	1.4	1.8	2,049	-50.9	33.5	24.0	On
EW-4007	1.0	1.2	1,475	-4.0	37.7	24.0	On
EW-4008	2.1	2.6	2,934	-7.4	34.9	24.0	On
EW-4009	0.8	1.2	1,176	-21.5	36.3	24.0	On
EW-4010	2.4	2.4	3,332	0.5	49.2	24.0	On
EW-4011	2.3	2.5	3,260	-26.0	49.0	24.0	On
EW-5001	2.0	2.1	2,817	-24.7	---	24.0	On
EW-5002	0.0	2.4	1	4.9	22.0	0.0	Off
EW Totals	**154.3**		**222,327**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	219.6	168 GPM
FIT-500	66 GPM	178.4	233 GPM
Effluent Temp	95.0 °F		
Effluent pH	7.3		

Recharge and Injection Daily Report

April 6, 2016 12AM to April 7, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	40.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 6, 2016 12AM to April 7, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	94 GPM	60.1
Permeate Flow	FIT-642	68 GPM	43.1
Concentrate Flow	FIT-643	25 GPM	15.9

Inlet Conductivity	CIT-630	850.7 µS
Outlet Conductivity	CIT-642	21.1 µS
Hours Run		10.8 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 7, 2016 12AM to April 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,460	1.6	41.6	24.0	On
EW-2002	0.7	0.9	1,020	5.7	40.8	24.0	On
EW-2003	1.1	1.2	1,637	4.8	35.9	24.0	On
EW-2004	0.4	0.5	637	7.9	32.3	24.0	On
EW-2005	0.4	0.5	509	7.1	30.1	23.4	On
EW-2006	1.0	1.1	1,447	6.0	27.8	24.0	On
EW-2007	1.6	1.7	2,291	7.7	25.1	24.0	On
EW-2008	0.8	0.9	1,090	2.5	24.2	24.0	On
EW-2009	1.1	1.2	1,520	3.4	24.4	24.0	On
EW-2010	0.3	0.4	258	6.6	23.4	14.0	On
EW-2011	0.3	0.4	304	9.2	21.9	15.8	On
EW-2012	0.0	0.4	116	12.3	15.5	7.1	Off
EW-2013	0.5	0.6	243	18.3	15.6	12.1	On
EW-2014	1.0	1.2	1,250	13.1	19.1	24.0	On
EW-2015	0.5	0.5	485	13.0	15.0	20.2	On
EW-2016	0.4	0.6	684	12.2	---	22.0	On
EW-2017	1.2	1.3	1,704	12.4	---	24.0	On
EW-2018	0.8	0.9	793	11.1	---	24.0	On
EW-2019	0.3	0.3	162	13.3	---	9.2	On
EW-2020	0.0	0.4	286	11.4	---	15.5	Off
EW-2021	0.0	0.4	240	13.7	---	12.2	Off
EW-2022	0.4	0.4	380	12.0	---	19.4	On
EW-2023	0.4	0.5	401	13.0	---	16.0	On
EW-2024	0.5	0.5	244	11.6	---	12.3	On
EW-2025	1.0	1.0	1,050	10.9	---	24.0	On
EW-2026	0.8	0.9	830	9.5	---	24.0	On
EW-2027	0.9	1.0	995	9.4	---	24.0	On
EW-2028	0.9	1.0	953	8.9	---	24.0	On
EW-2029	1.0	1.1	1,150	7.4	---	24.0	On
EW-2030	1.4	1.5	1,830	9.9	---	24.0	On
EW-2031	1.4	1.4	1,804	11.0	---	24.0	On
EW-2032	0.7	0.8	613	9.0	---	24.0	On
EW-2033	0.6	0.7	629	9.4	---	24.0	On
EW-2034	0.8	0.9	1,009	8.2	25.8	24.0	On
EW-2035	1.0	1.1	1,503	6.7	22.1	24.0	On
EW-2036	0.5	1.0	774	13.2	30.3	24.0	On
EW-2037	0.8	1.4	982	4.1	35.3	24.0	On
EW-2101	20.0	20.2	28,806	11.7	62.7	24.0	On
EW-2102	20.0	20.5	28,770	15.0	64.8	24.0	On
EW-2103	0.0	14.5	2,049	17.2	34.4	3.4	Off
EW-2104	44.3	44.7	63,639	11.7	54.2	24.0	On
EW-3001	0.0	0.0	0	1.8	15.3	0.0	Off
EW-3002	0.5	0.5	568	2.8	14.1	21.8	On
EW-3003	0.0	0.5	19	4.3	14.0	1.5	Off

Daily Log

April 7, 2016 12AM to April 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	4	1.2	---	0.3	Off
EW-3005	0.7	5.8	862	-0.3	---	21.9	On
EW-3006	0.0	0.4	2	0.4	---	0.1	Off
EW-3007	0.8	5.8	950	-1.0	---	21.9	On
EW-3008	0.4	0.5	481	-0.5	---	21.9	On
EW-3009	3.2	6.9	4,245	-1.6	---	21.9	On
EW-3010	1.1	5.9	1,173	-2.2	---	21.9	On
EW-3011	0.0	6.2	58	-0.4	24.7	3.2	Off
EW-3012	0.6	0.7	705	-3.9	28.9	22.3	On
EW-3013	1.0	1.3	1,408	-6.3	37.1	24.0	On
EW-3014	0.0	0.5	249	-8.6	43.9	13.8	Off
EW-3015	1.0	1.4	1,526	-6.3	52.8	24.0	On
EW-3016	1.1	2.6	1,137	-7.7	59.4	21.5	On
EW-3017	0.0	0.8	185	-6.6	60.9	9.3	Off
EW-3018	0.0	0.7	98	-9.1	60.7	5.3	Off
EW-3019	0.7	2.1	1,012	2.1	61.4	21.5	On
EW-3020	3.5	3.6	5,017	-2.0	41.2	24.0	On
EW-3021	0.3	0.5	374	0.7	28.9	19.0	On
EW-3022	0.4	0.8	675	-2.3	37.0	24.0	On
EW-3023	2.4	2.4	2,972	-4.3	28.3	22.3	On
EW-3024	0.4	0.6	478	1.4	---	20.1	On
EW-3025	2.4	2.9	3,447	-4.5	39.4	24.0	On
EW-3026	3.3	3.5	4,727	-8.6	40.9	24.0	On
EW-3027	0.0	0.7	207	0.3	---	11.8	Off
EW-4001	2.1	2.4	3,015	-1.5	30.7	24.0	On
EW-4002	2.1	6.7	3,001	-46.9	15.9	23.3	On
EW-4003	2.0	2.1	2,873	-25.0	---	24.0	On
EW-4004	1.7	1.8	2,393	-12.4	17.4	24.0	On
EW-4005	2.0	2.1	2,822	-15.4	---	24.0	On
EW-4006	1.4	1.6	2,035	-50.8	33.9	24.0	On
EW-4007	1.0	1.1	1,460	-4.3	38.2	24.0	On
EW-4008	2.0	2.6	2,917	-7.3	35.1	24.0	On
EW-4009	0.8	0.9	1,177	-21.9	37.9	24.0	On
EW-4010	2.4	2.4	3,362	0.2	49.2	24.0	On
EW-4011	2.3	2.4	3,339	-25.8	49.1	24.0	On
EW-5001	2.0	2.1	2,860	-25.2	---	24.0	On
EW-5002	0.0	0.0	0	4.8	22.3	0.0	Off
EW Totals	**157.0**		**221,382**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	219.0	171 GPM
FIT-500	0 GPM	188.1	231 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

April 7, 2016 12AM to April 8, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	39.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 7, 2016 12AM to April 8, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	59.4
Permeate Flow	FIT-642	69 GPM	42.6
Concentrate Flow	FIT-643	25 GPM	15.7

Inlet Conductivity	CIT-630	857.4 µS
Outlet Conductivity	CIT-642	22.0 µS
Hours Run		10.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 8, 2016 12AM to April 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	0.0	4.0	2,132	4.4	11.0	20.4	On
EW-2002	0.0	5.0	890	7.1	10.7	20.4	On
EW-2003	0.0	3.1	1,424	6.4	10.7	20.4	On
EW-2004	0.0	0.6	536	8.3	10.5	20.2	On
EW-2005	0.0	0.6	432	8.9	10.7	19.5	On
EW-2006	0.0	3.9	1,257	7.6	10.7	20.4	On
EW-2007	0.0	4.8	1,963	10.1	10.7	20.4	On
EW-2008	0.0	4.8	795	3.9	11.5	20.4	Off
EW-2009	0.6	10.7	1,241	5.2	11.8	19.1	Off
EW-2010	0.0	0.6	231	6.9	11.1	12.5	Off
EW-2011	0.0	0.6	272	9.7	9.7	14.0	Off
EW-2012	0.0	0.5	146	12.2	9.5	8.2	Off
EW-2013	0.0	0.5	215	17.9	9.5	11.1	Off
EW-2014	0.0	5.3	1,071	14.8	8.4	20.4	On
EW-2015	0.0	0.6	416	12.3	8.6	17.7	On
EW-2016	0.0	1.4	584	11.9	---	19.2	On
EW-2017	0.0	4.5	1,493	14.1	---	20.4	On
EW-2018	0.0	7.6	691	12.0	---	20.4	On
EW-2019	0.0	0.3	147	12.1	---	8.3	Off
EW-2020	0.0	0.4	249	11.1	---	13.4	Off
EW-2021	0.0	0.4	211	13.9	---	11.0	Off
EW-2022	0.0	0.4	335	12.3	---	17.1	On
EW-2023	0.0	0.7	347	12.4	---	13.5	On
EW-2024	0.0	0.5	218	11.4	---	10.7	On
EW-2025	0.0	7.3	913	12.1	---	20.3	On
EW-2026	0.0	7.5	729	10.5	---	20.4	On
EW-2027	0.0	7.7	865	10.7	---	20.4	On
EW-2028	0.0	7.4	827	10.1	---	20.4	On
EW-2029	0.0	7.5	999	9.1	---	20.4	On
EW-2030	0.0	7.4	1,579	11.9	---	20.4	On
EW-2031	0.0	7.7	1,565	13.0	---	20.4	On
EW-2032	0.0	7.0	539	9.8	---	20.4	On
EW-2033	0.0	4.3	525	10.2	---	17.0	On
EW-2034	0.0	4.7	877	9.2	8.9	20.4	On
EW-2035	0.1	2.8	1,283	9.9	15.7	20.4	On
EW-2036	0.0	4.7	682	14.1	10.5	20.4	Off
EW-2037	0.0	6.1	855	5.2	10.0	20.4	Off
EW-2101	0.0	21.4	24,123	13.8	9.4	20.3	On
EW-2102	0.0	21.4	24,372	15.1	9.5	20.4	On
EW-2103	0.0	0.0	0	17.2	9.9	0.0	Off
EW-2104	0.0	45.3	54,197	12.3	9.4	20.4	Off
EW-3001	0.0	0.5	10	1.8	9.2	0.5	Off
EW-3002	0.0	0.5	531	3.2	8.6	20.2	Off
EW-3003	0.0	0.8	8	4.3	9.1	0.4	Off

Daily Log

April 8, 2016 12AM to April 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	17	1.2	---	1.0	Off
EW-3005	0.0	6.2	968	0.4	---	20.2	Off
EW-3006	0.0	0.6	9	0.4	---	0.4	Off
EW-3007	0.0	6.0	1,023	-0.1	---	20.2	Off
EW-3008	0.0	0.5	448	0.1	---	20.2	Off
EW-3009	0.0	7.0	4,224	0.3	---	20.3	Off
EW-3010	0.0	6.5	1,258	-0.7	---	20.2	Off
EW-3011	0.0	0.5	40	-0.4	8.4	2.0	Off
EW-3012	0.0	0.7	629	-2.6	7.9	20.3	Off
EW-3013	0.0	5.3	1,196	-4.7	8.8	19.8	Off
EW-3014	0.0	0.6	226	-8.3	8.9	10.9	Off
EW-3015	0.0	4.9	1,304	-4.3	8.8	19.8	Off
EW-3016	0.0	3.1	1,092	-4.4	9.6	15.0	Off
EW-3017	0.0	0.8	180	-5.8	9.1	8.1	Off
EW-3018	0.0	0.8	97	-9.2	9.1	5.1	Off
EW-3019	0.0	2.9	1,008	-0.1	9.5	13.9	Off
EW-3020	0.0	6.5	4,255	3.2	11.4	20.3	Off
EW-3021	0.0	0.5	274	0.3	8.8	13.7	Off
EW-3022	0.0	4.7	654	-1.4	9.0	19.5	Off
EW-3023	0.0	2.7	2,914	-1.5	8.4	20.3	Off
EW-3024	0.0	0.6	429	1.9	---	18.5	Off
EW-3025	0.0	5.7	3,103	-1.0	9.4	19.5	Off
EW-3026	0.0	4.1	3,953	-3.4	9.6	19.5	Off
EW-3027	0.0	0.7	119	0.5	---	6.7	Off
EW-4001	0.0	2.2	2,518	1.3	10.9	20.1	Off
EW-4002	0.0	6.8	2,620	-43.1	9.6	20.1	Off
EW-4003	0.0	3.4	2,365	-20.5	---	20.1	Off
EW-4004	0.0	1.8	1,980	-9.4	8.9	20.1	Off
EW-4005	0.0	2.0	2,356	-10.9	---	20.1	Off
EW-4006	0.0	5.5	1,793	-48.1	8.8	19.6	Off
EW-4007	0.0	1.4	1,208	-1.8	10.5	19.1	Off
EW-4008	0.0	2.2	2,444	-3.9	10.2	20.1	Off
EW-4009	0.0	1.1	979	-19.6	10.4	20.1	Off
EW-4010	0.0	2.7	2,843	1.8	11.0	20.1	Off
EW-4011	0.0	2.4	2,585	-16.3	10.5	20.1	Off
EW-5001	0.0	4.0	2,385	-21.1	---	20.1	Off
EW-5002	0.0	1.9	19	5.0	16.2	0.2	Off
EW Totals	**0.8**		**188,285**				

	Value	Total (KGal)	Peak Flow
FIT-100	0 GPM	187.1	178 GPM
FIT-500	67 GPM	150.8	255 GPM
Effluent Temp	95.6 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

April 8, 2016 12AM to April 9, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	35.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 8, 2016 12AM to April 9, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	52.8
Permeate Flow	FIT-642	69 GPM	37.9
Concentrate Flow	FIT-643	25 GPM	13.9

Inlet Conductivity	CIT-630	852.2 µS
Outlet Conductivity	CIT-642	21.7 µS
Hours Run		10.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 9, 2016 12AM to April 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.9	2,463	1.7	41.7	24.0	On
EW-2002	0.7	3.1	1,027	5.4	41.0	24.0	On
EW-2003	1.1	3.0	1,644	4.7	36.2	24.0	On
EW-2004	0.4	0.6	593	8.1	32.5	23.9	On
EW-2005	0.3	0.6	510	8.7	30.5	22.9	On
EW-2006	1.0	3.6	1,456	5.8	28.2	24.0	On
EW-2007	1.6	4.8	2,289	7.7	25.5	24.0	On
EW-2008	0.5	2.6	703	2.6	24.8	24.0	On
EW-2009	1.1	2.6	1,532	3.4	25.0	23.9	On
EW-2010	0.3	0.8	258	6.3	24.0	14.5	On
EW-2011	0.4	0.7	306	9.0	22.5	16.3	On
EW-2012	0.0	0.3	158	12.0	15.5	9.2	Off
EW-2013	0.0	0.5	246	18.0	15.1	13.4	Off
EW-2014	1.0	3.1	1,254	12.9	19.4	24.0	On
EW-2015	0.5	0.5	485	12.0	15.6	20.6	On
EW-2016	0.6	0.7	684	10.9	---	22.5	On
EW-2017	1.2	3.8	1,771	12.3	---	24.0	On
EW-2018	0.5	2.1	795	10.9	---	24.0	On
EW-2019	0.0	0.3	162	11.7	---	9.2	Off
EW-2020	0.4	0.4	285	11.6	---	15.3	On
EW-2021	0.4	0.4	240	12.8	---	12.6	On
EW-2022	0.4	0.4	397	12.2	---	20.2	On
EW-2023	0.5	0.6	392	10.6	---	15.9	On
EW-2024	0.5	0.5	248	10.8	---	11.9	On
EW-2025	0.7	2.5	1,059	10.8	---	24.0	On
EW-2026	0.6	2.1	845	9.4	---	24.0	On
EW-2027	0.7	2.5	1,001	9.3	---	24.0	On
EW-2028	0.7	2.4	953	8.8	---	24.0	On
EW-2029	0.8	3.0	1,154	7.3	---	24.0	On
EW-2030	1.4	4.3	1,843	9.7	---	24.0	On
EW-2031	1.5	4.4	1,840	10.8	---	24.0	On
EW-2032	0.4	1.3	621	8.9	---	24.0	On
EW-2033	0.4	1.7	629	9.3	---	24.0	On
EW-2034	0.8	2.4	1,012	8.2	26.6	24.0	On
EW-2035	1.0	2.7	1,497	6.7	22.5	24.0	On
EW-2036	0.6	2.7	794	13.3	30.4	24.0	On
EW-2037	0.8	3.6	979	3.9	35.0	24.0	On
EW-2101	20.2	20.4	28,785	11.6	62.1	24.0	On
EW-2102	19.9	20.4	28,572	14.9	64.5	24.0	On
EW-2103	0.0	0.0	0	17.2	34.7	0.0	Off
EW-2104	44.1	45.3	63,816	11.7	54.0	24.0	On
EW-3001	0.0	0.0	0	1.8	15.5	0.0	Off
EW-3002	0.5	0.5	624	2.8	14.5	23.9	On
EW-3003	0.0	0.0	0	4.3	14.8	0.0	Off

Daily Log

April 9, 2016 12AM to April 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	0	1.3	---	0.0	Off
EW-3005	0.8	3.2	933	-0.4	---	23.9	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.9	3.9	1,126	-1.1	---	23.9	On
EW-3008	0.4	0.5	517	-0.5	---	23.9	On
EW-3009	3.2	6.6	4,666	-1.6	---	23.9	On
EW-3010	1.1	5.9	1,509	-2.4	---	23.9	On
EW-3011	0.0	0.5	5	-0.2	25.3	0.2	Off
EW-3012	0.6	0.7	721	-3.3	29.9	23.9	On
EW-3013	1.4	5.0	1,371	-6.4	38.5	23.9	On
EW-3014	0.5	0.6	245	-8.6	44.7	11.6	On
EW-3015	1.1	4.2	1,513	-6.3	52.8	23.9	On
EW-3016	0.0	2.5	1,200	-6.7	59.0	12.9	Off
EW-3017	0.0	0.7	193	-6.2	60.3	8.5	Off
EW-3018	0.0	0.7	101	-9.7	59.7	5.3	Off
EW-3019	0.0	2.9	1,256	-1.9	60.2	10.4	Off
EW-3020	3.4	6.4	4,890	-2.0	41.3	23.9	On
EW-3021	0.4	0.5	237	0.2	29.8	12.8	On
EW-3022	0.5	4.4	761	-2.2	38.5	23.9	On
EW-3023	2.3	2.5	3,340	-5.2	29.2	23.9	On
EW-3024	0.5	0.6	458	1.0	---	21.1	On
EW-3025	2.5	5.8	3,730	-4.4	41.2	23.9	On
EW-3026	3.3	4.2	4,776	-8.5	42.8	23.9	On
EW-3027	0.0	0.7	14	0.3	---	0.8	Off
EW-4001	2.0	2.1	2,783	-0.9	30.9	23.3	On
EW-4002	2.2	6.9	3,000	-47.2	15.8	23.3	On
EW-4003	2.0	5.0	2,785	-24.6	---	23.3	On
EW-4004	1.7	1.8	2,285	-12.1	17.9	23.3	On
EW-4005	2.0	2.1	2,743	-14.4	---	23.3	On
EW-4006	1.5	5.8	2,075	-50.9	35.3	23.3	On
EW-4007	1.0	1.1	1,434	-3.6	39.8	23.3	On
EW-4008	1.9	2.2	2,792	-6.8	35.5	23.3	On
EW-4009	0.9	1.0	1,122	-20.9	39.2	23.3	On
EW-4010	2.3	2.6	3,216	0.7	47.0	23.3	On
EW-4011	2.0	2.1	2,861	-20.2	46.8	23.3	On
EW-5001	2.0	2.1	2,790	-24.8	---	23.3	On
EW-5002	0.0	0.0	0	4.9	22.7	0.0	Off
EW Totals	**154.7**		**219,372**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	218.6	161 GPM
FIT-500	185 GPM	160.5	196 GPM
Effluent Temp	97.2 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

April 9, 2016 12AM to April 10, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	43.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 9, 2016 12AM to April 10, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	65.3
Permeate Flow	FIT-642	0 GPM	46.8
Concentrate Flow	FIT-643	0 GPM	17.3

Inlet Conductivity	CIT-630	904.2 µS
Outlet Conductivity	CIT-642	53.8 µS
Hours Run		9.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 10, 2016 12AM to April 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,437	1.6	42.4	24.0	On
EW-2002	0.7	0.9	1,008	5.7	41.6	24.0	On
EW-2003	1.1	1.2	1,618	4.7	36.9	24.0	On
EW-2004	0.4	0.4	589	8.0	33.4	24.0	On
EW-2005	0.3	0.5	495	8.0	31.4	22.4	On
EW-2006	1.0	1.1	1,428	6.0	29.2	24.0	On
EW-2007	1.5	1.7	2,270	7.7	26.5	24.0	On
EW-2008	0.5	0.6	699	2.6	25.8	24.0	On
EW-2009	1.1	1.1	1,529	3.4	26.0	24.0	On
EW-2010	0.3	0.5	256	6.2	25.0	13.4	On
EW-2011	0.3	0.5	299	8.9	23.5	15.1	On
EW-2012	0.0	0.4	158	11.9	17.2	9.2	Off
EW-2013	0.3	0.6	243	18.0	17.3	11.6	On
EW-2014	0.8	1.7	1,245	13.3	20.6	24.0	On
EW-2015	0.3	0.7	482	12.3	17.0	20.1	On
EW-2016	0.4	0.7	680	12.2	---	22.0	On
EW-2017	1.1	1.4	1,753	12.4	---	24.0	On
EW-2018	0.5	1.2	789	11.3	---	24.0	On
EW-2019	0.0	0.4	159	12.9	---	8.9	Off
EW-2020	0.0	0.4	283	11.8	---	15.0	Off
EW-2021	0.0	0.4	239	12.4	---	12.1	Off
EW-2022	0.0	0.4	392	12.9	---	19.7	Off
EW-2023	0.0	0.5	391	12.8	---	15.6	Off
EW-2024	0.3	0.5	245	11.7	---	11.9	On
EW-2025	0.7	1.3	1,051	11.2	---	24.0	On
EW-2026	0.6	1.1	836	9.8	---	24.0	On
EW-2027	0.7	1.2	995	9.7	---	24.0	On
EW-2028	0.7	1.2	944	9.2	---	24.0	On
EW-2029	0.8	1.3	1,148	7.7	---	24.0	On
EW-2030	1.2	1.6	1,831	10.1	---	24.0	On
EW-2031	1.2	1.6	1,824	11.2	---	24.0	On
EW-2032	0.4	1.0	618	9.3	---	24.0	On
EW-2033	0.4	0.9	615	9.7	---	24.0	On
EW-2034	0.7	0.9	1,008	8.3	28.6	24.0	On
EW-2035	1.0	1.1	1,489	6.8	23.4	24.0	On
EW-2036	0.5	1.7	782	13.3	31.2	24.0	On
EW-2037	0.7	2.2	969	4.2	35.4	24.0	On
EW-2101	20.2	20.3	28,724	11.5	64.6	24.0	On
EW-2102	19.2	20.2	27,654	14.8	66.9	24.0	On
EW-2103	0.0	0.0	0	17.2	35.7	0.0	Off
EW-2104	43.9	44.7	61,916	11.8	55.2	24.0	On
EW-3001	0.0	0.0	0	1.8	17.1	0.0	Off
EW-3002	0.3	0.6	626	2.8	16.0	24.0	On
EW-3003	0.0	0.0	0	4.3	16.1	0.0	Off

Daily Log

April 10, 2016 12AM to April 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.4	1.1	892	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.6	1.2	1,096	-0.8	---	24.0	On
EW-3008	0.2	0.5	498	-0.3	---	24.0	On
EW-3009	3.1	3.3	4,548	-1.5	---	24.0	On
EW-3010	1.0	1.4	1,481	-2.0	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	27.4	0.0	Off
EW-3012	0.6	0.7	723	-3.3	32.2	24.0	On
EW-3013	1.1	1.5	1,367	-6.4	40.9	24.0	On
EW-3014	0.5	0.5	244	-8.9	47.4	11.7	On
EW-3015	1.1	1.7	1,503	-5.9	55.6	24.0	On
EW-3016	0.0	2.4	1,194	-7.0	61.2	13.1	Off
EW-3017	0.0	0.7	193	-7.0	62.9	8.4	Off
EW-3018	0.0	0.6	99	-9.3	62.7	5.2	Off
EW-3019	0.0	2.7	1,247	-0.5	63.2	10.9	Off
EW-3020	3.3	3.5	4,853	-1.9	42.0	24.0	On
EW-3021	0.0	0.7	236	0.7	30.2	12.9	Off
EW-3022	0.5	1.2	744	-2.3	38.8	24.0	On
EW-3023	2.2	2.3	3,223	-4.3	31.5	24.0	On
EW-3024	0.3	0.6	458	1.5	---	20.2	On
EW-3025	2.6	3.2	3,656	-4.5	41.5	24.0	On
EW-3026	3.3	3.5	4,743	-8.6	43.0	24.0	On
EW-3027	0.0	0.7	23	0.3	---	1.4	Off
EW-4001	1.9	2.6	2,793	-1.0	31.7	24.0	On
EW-4002	2.1	2.5	3,025	-46.9	17.4	24.0	On
EW-4003	1.9	2.2	2,869	-25.2	---	24.0	On
EW-4004	1.5	1.8	2,341	-12.0	19.2	24.0	On
EW-4005	1.9	2.1	2,820	-14.8	---	24.0	On
EW-4006	1.3	2.2	2,070	-50.9	35.6	24.0	On
EW-4007	1.0	1.2	1,454	-3.9	40.1	24.0	On
EW-4008	1.9	2.7	2,868	-6.9	36.5	24.0	On
EW-4009	0.9	0.9	1,159	-21.3	41.6	24.0	On
EW-4010	2.0	2.5	3,237	0.8	46.0	24.0	On
EW-4011	2.1	2.4	2,986	-21.8	45.8	24.0	On
EW-5001	1.9	2.2	2,870	-25.3	---	24.0	On
EW-5002	0.0	0.0	0	4.7	23.7	0.0	Off
EW Totals	**146.7**		**216,231**				

	Value	Total (KGal)	Peak Flow
FIT-100	146 GPM	215.8	159 GPM
FIT-500	182 GPM	171.4	195 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

April 10, 2016 12AM to April 11, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	38 GPM	43.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 10, 2016 12AM to April 11, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	63.4
Permeate Flow	FIT-642	0 GPM	45.2
Concentrate Flow	FIT-643	0 GPM	17.0

Inlet Conductivity	CIT-630	878.8 µS
Outlet Conductivity	CIT-642	85.7 µS
Hours Run		11.1 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 11, 2016 12AM to April 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,415	1.8	40.2	24.0	On
EW-2002	0.7	0.9	1,003	5.5	39.5	24.0	On
EW-2003	1.1	1.2	1,611	4.8	34.8	24.0	On
EW-2004	0.4	0.5	609	8.0	31.3	24.0	On
EW-2005	0.3	0.5	515	7.1	29.3	23.4	On
EW-2006	1.0	1.2	1,414	5.8	26.9	24.0	On
EW-2007	1.5	1.8	2,259	7.6	24.3	24.0	On
EW-2008	0.5	0.6	695	2.4	23.0	24.0	On
EW-2009	1.1	1.1	1,524	3.2	23.2	24.0	On
EW-2010	0.0	0.5	257	5.7	22.2	14.2	Off
EW-2011	0.3	0.5	299	8.6	20.7	16.0	On
EW-2012	0.3	0.4	158	11.5	14.9	9.2	On
EW-2013	0.0	0.5	244	17.7	14.9	13.1	Off
EW-2014	0.8	1.2	1,241	13.3	18.5	24.0	On
EW-2015	0.3	0.6	485	12.6	14.7	21.1	On
EW-2016	0.4	0.7	682	10.6	---	22.3	On
EW-2017	1.1	1.5	1,734	12.3	---	24.0	On
EW-2018	0.5	1.3	792	11.3	---	24.0	On
EW-2019	0.0	0.5	161	12.0	---	9.1	Off
EW-2020	0.0	0.5	283	10.6	---	15.5	Off
EW-2021	0.3	0.4	240	11.0	---	12.7	On
EW-2022	0.3	0.5	391	12.9	---	20.1	On
EW-2023	0.4	0.6	396	11.9	---	16.3	On
EW-2024	0.0	0.5	248	10.3	---	13.0	Off
EW-2025	0.7	1.3	1,052	11.2	---	24.0	On
EW-2026	0.6	1.2	837	9.8	---	24.0	On
EW-2027	0.7	1.3	995	9.7	---	24.0	On
EW-2028	0.6	1.3	950	9.2	---	24.0	On
EW-2029	0.8	1.3	1,148	7.7	---	24.0	On
EW-2030	1.1	1.8	1,824	10.1	---	24.0	On
EW-2031	1.1	1.8	1,818	11.2	---	24.0	On
EW-2032	0.4	1.0	623	9.3	---	24.0	On
EW-2033	0.4	1.0	623	9.7	---	24.0	On
EW-2034	0.7	1.5	1,002	8.1	26.8	24.0	On
EW-2035	1.0	1.4	1,489	6.6	21.3	24.0	On
EW-2036	0.5	1.0	773	13.3	29.7	24.0	On
EW-2037	0.6	1.4	959	4.2	34.2	24.0	On
EW-2101	20.0	22.0	28,492	11.5	65.7	24.0	On
EW-2102	20.2	20.4	28,075	14.7	68.7	24.0	On
EW-2103	0.0	14.6	116	17.2	34.2	0.2	Off
EW-2104	44.3	44.8	63,944	11.6	53.0	24.0	On
EW-3001	0.0	0.0	0	1.8	14.8	0.0	Off
EW-3002	0.3	0.6	627	2.8	13.6	24.0	On
EW-3003	0.0	0.0	0	4.3	13.8	0.0	Off

Daily Log

April 11, 2016 12AM to April 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.4	1.2	844	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.6	1.3	1,083	-0.9	---	24.0	On
EW-3008	0.3	0.5	518	-0.6	---	24.0	On
EW-3009	3.1	3.3	4,574	-1.7	---	24.0	On
EW-3010	0.9	1.4	1,449	-2.1	---	24.0	On
EW-3011	0.0	0.5	14	0.0	25.6	1.2	Off
EW-3012	0.6	0.8	723	-3.0	30.9	24.0	On
EW-3013	1.1	2.3	1,367	-6.3	40.3	24.0	On
EW-3014	0.4	0.8	239	-8.2	47.2	11.6	On
EW-3015	1.1	4.7	1,504	-6.3	56.1	23.9	On
EW-3016	0.0	3.4	1,175	-6.2	62.1	11.8	Off
EW-3017	0.0	0.7	189	-5.1	63.9	8.4	Off
EW-3018	0.0	0.6	99	-9.2	63.8	5.2	Off
EW-3019	0.0	2.8	1,236	-0.9	64.5	10.4	Off
EW-3020	3.3	3.5	4,820	-1.9	39.8	24.0	On
EW-3021	0.3	0.5	235	-0.4	28.7	13.1	On
EW-3022	0.4	0.7	732	-2.3	37.2	24.0	On
EW-3023	2.1	2.4	3,072	-3.9	29.8	24.0	On
EW-3024	0.3	0.6	468	0.9	---	21.1	On
EW-3025	2.5	2.7	3,690	-4.5	39.8	24.0	On
EW-3026	3.3	3.4	4,720	-8.6	41.3	24.0	On
EW-3027	0.0	0.7	17	0.1	---	1.0	Off
EW-4001	2.1	2.4	3,063	-1.7	30.2	24.0	On
EW-4002	2.1	2.4	3,008	-46.8	15.1	24.0	On
EW-4003	2.0	2.2	2,968	-26.2	---	24.0	On
EW-4004	1.5	1.8	2,294	-11.6	16.9	24.0	On
EW-4005	2.0	2.2	2,952	-16.1	---	24.0	On
EW-4006	1.4	1.6	2,046	-50.8	34.0	24.0	On
EW-4007	1.0	1.1	1,503	-4.3	38.5	24.0	On
EW-4008	2.0	2.6	2,965	-7.6	34.7	24.0	On
EW-4009	0.9	1.3	1,158	-21.4	41.0	24.0	On
EW-4010	2.3	2.4	3,220	0.2	47.2	24.0	On
EW-4011	2.2	2.2	3,114	-23.9	46.9	24.0	On
EW-5001	1.9	2.2	2,940	-25.7	---	24.0	On
EW-5002	0.0	2.3	23	4.6	21.7	0.2	Off
EW Totals	**149.3**		**219,026**				

	Value	Total (KGal)	Peak Flow
FIT-100	149 GPM	218.7	164 GPM
FIT-500	64 GPM	169.6	196 GPM
Effluent Temp	95.0 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

April 11, 2016 12AM to April 12, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	38 GPM	44.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 11, 2016 12AM to April 12, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	65.7
Permeate Flow	FIT-642	70 GPM	46.9
Concentrate Flow	FIT-643	24 GPM	17.5

Inlet Conductivity	CIT-630	883.7 µS
Outlet Conductivity	CIT-642	21.4 µS
Hours Run		11.4 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 12, 2016 12AM to April 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,399	1.7	40.2	24.0	On
EW-2002	0.7	0.7	1,011	5.5	39.4	24.0	On
EW-2003	1.1	1.1	1,592	4.8	34.6	24.0	On
EW-2004	0.4	0.4	582	8.1	31.0	24.0	On
EW-2005	0.4	0.4	540	7.0	28.9	24.0	On
EW-2006	1.0	1.0	1,393	5.9	26.6	24.0	On
EW-2007	1.6	1.6	2,262	7.6	23.8	24.0	On
EW-2008	0.5	0.7	690	2.4	22.0	24.0	On
EW-2009	1.1	1.1	1,521	3.2	22.3	24.0	On
EW-2010	0.0	0.4	256	5.8	21.3	14.6	Off
EW-2011	0.0	0.4	298	8.7	19.8	16.3	Off
EW-2012	0.3	0.3	155	12.7	14.3	9.1	On
EW-2013	0.0	0.5	242	17.8	14.3	13.6	Off
EW-2014	0.9	1.0	1,239	12.9	17.9	24.0	On
EW-2015	0.5	0.5	487	12.3	14.1	21.4	On
EW-2016	0.6	0.6	673	10.7	---	22.2	On
EW-2017	1.2	1.2	1,720	12.2	---	24.0	On
EW-2018	0.5	0.8	789	10.9	---	24.0	On
EW-2019	0.3	0.3	158	13.0	---	9.0	On
EW-2020	0.3	0.3	278	11.9	---	15.3	On
EW-2021	0.0	0.4	236	12.5	---	12.7	Off
EW-2022	0.3	0.4	392	11.0	---	20.4	On
EW-2023	0.0	0.5	395	12.4	---	16.3	Off
EW-2024	0.0	0.4	245	11.5	---	12.9	Off
EW-2025	0.7	0.9	1,051	10.8	---	24.0	On
EW-2026	0.6	0.8	837	9.4	---	24.0	On
EW-2027	0.7	0.9	994	9.3	---	24.0	On
EW-2028	0.7	0.9	951	8.8	---	24.0	On
EW-2029	0.8	1.0	1,147	7.3	---	24.0	On
EW-2030	1.4	1.4	1,820	9.7	---	24.0	On
EW-2031	1.3	1.4	1,811	10.9	---	24.0	On
EW-2032	0.4	0.6	626	8.9	---	24.0	On
EW-2033	0.4	0.6	626	9.3	---	24.0	On
EW-2034	0.7	0.8	998	8.1	26.5	24.0	On
EW-2035	1.0	1.1	1,489	6.6	21.0	24.0	On
EW-2036	0.6	0.6	763	13.2	29.5	24.0	On
EW-2037	0.7	0.8	954	4.0	34.0	24.0	On
EW-2101	19.4	20.2	28,139	11.5	67.7	24.0	On
EW-2102	19.6	20.3	28,451	14.6	70.4	24.0	On
EW-2103	0.0	0.0	0	17.1	33.7	0.0	Off
EW-2104	44.4	44.9	64,026	11.6	52.7	24.0	On
EW-3001	0.0	0.0	0	1.8	14.3	0.0	Off
EW-3002	0.5	0.5	627	2.8	13.0	24.0	On
EW-3003	0.0	0.0	0	4.3	13.2	0.0	Off

Daily Log

April 12, 2016 12AM to April 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.7	836	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.8	0.8	1,056	-1.0	---	24.0	On
EW-3008	0.4	0.4	536	-0.6	---	24.0	On
EW-3009	3.2	3.2	4,569	-1.7	---	24.0	On
EW-3010	1.1	1.1	1,425	-2.4	---	24.0	On
EW-3011	0.0	0.5	37	-0.1	25.3	3.2	Off
EW-3012	0.6	0.6	746	-3.5	30.8	24.0	On
EW-3013	1.0	1.4	1,364	-6.2	40.8	24.0	On
EW-3014	0.3	0.6	237	-8.4	48.2	12.8	On
EW-3015	1.1	1.7	1,495	-6.1	57.7	24.0	On
EW-3016	0.8	2.2	1,182	-6.6	64.2	19.4	On
EW-3017	0.0	0.8	193	-6.9	66.3	9.6	Off
EW-3018	0.0	0.7	98	-8.9	66.0	5.3	Off
EW-3019	0.9	2.7	1,269	-2.3	66.7	19.1	On
EW-3020	3.3	3.4	4,796	-2.0	39.8	24.0	On
EW-3021	0.0	0.3	231	-0.1	27.9	12.9	Off
EW-3022	0.5	0.6	720	-2.3	36.6	24.0	On
EW-3023	2.1	2.1	3,003	-3.9	29.4	24.0	On
EW-3024	0.4	0.5	470	0.9	---	21.4	On
EW-3025	2.6	2.6	3,672	-4.5	39.3	24.0	On
EW-3026	3.2	3.3	4,688	-8.2	40.6	24.0	On
EW-3027	0.0	0.7	2	0.2	---	0.1	Off
EW-4001	2.2	2.2	3,114	-1.7	30.0	24.0	On
EW-4002	2.1	2.2	2,992	-47.1	14.4	24.0	On
EW-4003	2.1	2.1	2,974	-26.2	---	24.0	On
EW-4004	1.6	1.6	2,229	-11.7	16.4	24.0	On
EW-4005	2.1	2.1	2,961	-16.2	---	24.0	On
EW-4006	1.5	1.5	2,026	-51.0	33.4	24.0	On
EW-4007	1.1	1.1	1,528	-4.3	38.0	24.0	On
EW-4008	2.0	2.2	2,935	-7.6	34.5	24.0	On
EW-4009	0.8	0.9	1,170	-22.0	41.5	24.0	On
EW-4010	2.3	2.3	3,355	0.2	47.1	24.0	On
EW-4011	2.2	2.2	3,151	-24.0	46.9	24.0	On
EW-5001	2.1	2.1	2,924	-25.8	---	24.0	On
EW-5002	0.0	0.0	0	4.4	21.3	0.0	Off
EW Totals	**152.2**		**218,846**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	218.6	157 GPM
FIT-500	233 GPM	161.3	290 GPM
Effluent Temp	96.6 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

April 12, 2016 12AM to April 13, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	43.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 12, 2016 12AM to April 13, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	66.6
Permeate Flow	FIT-642	0 GPM	47.7
Concentrate Flow	FIT-643	0 GPM	17.7

Inlet Conductivity	CIT-630	847.5 µS
Outlet Conductivity	CIT-642	50.7 µS
Hours Run		11.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 13, 2016 12AM to April 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.9	2,390	1.7	40.1	24.0	On
EW-2002	0.7	1.1	996	5.5	39.4	24.0	On
EW-2003	1.1	2.9	1,587	4.8	34.7	23.9	On
EW-2004	0.4	0.5	618	7.6	31.2	24.0	On
EW-2005	0.4	0.6	510	7.1	29.1	23.7	On
EW-2006	0.9	1.1	1,366	5.8	26.8	24.0	On
EW-2007	1.6	1.7	2,242	7.6	24.0	24.0	On
EW-2008	0.5	0.6	690	2.5	23.1	24.0	On
EW-2009	1.1	1.1	1,512	3.3	23.4	24.0	On
EW-2010	0.3	0.5	255	5.5	22.4	14.3	On
EW-2011	0.3	0.5	298	8.5	20.9	16.1	On
EW-2012	0.0	0.3	157	12.3	13.9	9.2	Off
EW-2013	0.0	0.6	241	17.4	13.9	12.9	Off
EW-2014	0.9	1.1	1,233	12.9	17.6	24.0	On
EW-2015	0.0	0.5	486	12.9	13.9	20.9	Off
EW-2016	0.5	0.7	639	11.1	---	20.8	On
EW-2017	1.2	4.5	1,552	12.1	---	21.5	On
EW-2018	0.5	7.6	734	11.0	---	22.0	On
EW-2019	0.0	0.3	160	12.9	---	9.1	Off
EW-2020	0.0	0.4	280	11.8	---	15.3	Off
EW-2021	0.3	0.4	223	11.7	---	11.9	On
EW-2022	0.0	0.4	360	12.9	---	18.8	Off
EW-2023	0.4	0.5	365	11.6	---	15.1	On
EW-2024	0.0	0.5	228	11.6	---	11.7	Off
EW-2025	0.7	7.3	959	10.8	---	21.6	On
EW-2026	0.6	0.8	832	9.5	---	24.0	On
EW-2027	0.7	0.9	989	9.3	---	24.0	On
EW-2028	0.7	0.9	948	8.8	---	24.0	On
EW-2029	0.8	1.0	1,144	7.4	---	24.0	On
EW-2030	1.3	1.4	1,812	9.7	---	24.0	On
EW-2031	1.3	1.4	1,795	10.8	---	24.0	On
EW-2032	0.4	0.7	619	8.9	---	24.0	On
EW-2033	0.4	0.7	624	9.5	---	24.0	On
EW-2034	0.7	1.3	991	8.1	26.8	24.0	On
EW-2035	1.0	1.2	1,477	6.6	21.1	24.0	On
EW-2036	0.5	0.8	760	13.1	28.6	24.0	On
EW-2037	0.7	1.6	946	3.8	33.1	24.0	On
EW-2101	20.0	20.2	28,409	11.3	69.7	24.0	On
EW-2102	19.0	22.4	27,769	14.6	71.8	23.9	On
EW-2103	0.0	0.0	0	17.1	33.2	0.0	Off
EW-2104	44.5	45.3	64,102	11.6	52.7	24.0	On
EW-3001	0.0	0.0	0	1.8	13.9	0.0	Off
EW-3002	0.5	0.6	619	2.8	12.7	24.0	On
EW-3003	0.0	0.0	0	4.3	13.0	0.0	Off

Daily Log

April 13, 2016 12AM to April 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.6	0.7	799	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	0.4	---	0.0	Off
EW-3007	0.7	0.9	1,019	-1.1	---	24.0	On
EW-3008	0.4	0.5	520	-0.7	---	24.0	On
EW-3009	3.1	3.3	4,485	-1.7	---	24.0	On
EW-3010	0.9	1.1	1,355	-2.3	---	24.0	On
EW-3011	0.0	0.5	35	-0.7	25.7	2.4	Off
EW-3012	0.5	0.8	752	-4.5	31.4	24.0	On
EW-3013	0.9	2.3	1,346	-6.4	41.7	24.0	On
EW-3014	0.3	0.8	236	-8.9	49.2	13.4	On
EW-3015	1.0	5.3	1,483	-6.3	58.9	23.9	On
EW-3016	0.8	2.0	1,188	-6.7	65.7	24.0	On
EW-3017	0.0	1.0	190	-6.4	67.9	10.0	Off
EW-3018	0.0	0.6	98	-9.4	67.7	5.5	Off
EW-3019	0.9	2.9	1,290	-2.4	68.4	23.9	On
EW-3020	3.3	3.5	4,778	-1.9	39.7	24.0	On
EW-3021	0.3	0.5	239	0.7	27.4	13.3	On
EW-3022	0.5	1.3	706	-2.5	35.5	24.0	On
EW-3023	3.0	6.6	3,818	-5.4	28.8	23.5	On
EW-3024	0.3	0.6	470	1.3	---	21.0	On
EW-3025	2.5	3.1	3,635	-4.4	38.0	24.0	On
EW-3026	3.0	3.5	4,514	-7.5	39.2	24.0	On
EW-3027	0.0	0.7	8	0.2	---	0.5	Off
EW-4001	1.9	2.2	2,757	-0.9	29.1	22.8	On
EW-4002	2.1	6.4	2,987	-47.1	14.1	23.9	On
EW-4003	1.9	3.4	2,629	-23.4	---	22.0	On
EW-4004	1.5	1.8	2,030	-11.3	16.7	22.3	On
EW-4005	1.9	2.2	2,617	-14.8	---	22.1	On
EW-4006	1.4	5.3	2,018	-51.0	32.5	23.9	On
EW-4007	1.0	1.1	1,465	-3.9	36.7	23.9	On
EW-4008	1.9	2.2	2,670	-5.8	33.9	22.9	On
EW-4009	0.8	1.3	1,074	-19.9	42.3	22.5	On
EW-4010	2.3	2.7	3,197	1.0	45.0	23.0	On
EW-4011	2.0	2.3	2,938	-20.2	44.9	23.2	On
EW-5001	1.9	2.2	2,619	-21.1	---	22.3	On
EW-5002	0.0	0.0	0	4.6	21.4	0.0	Off
EW Totals	**150.4**		**215,884**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	215.5	159 GPM
FIT-500	230 GPM	171.4	236 GPM
Effluent Temp	96.3 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

April 13, 2016 12AM to April 14, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	39 GPM	44.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 13, 2016 12AM to April 14, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	64.7
Permeate Flow	FIT-642	69 GPM	46.3
Concentrate Flow	FIT-643	25 GPM	17.3

Inlet Conductivity	CIT-630	895.6 µS
Outlet Conductivity	CIT-642	21.4 µS
Hours Run		11.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 14, 2016 12AM to April 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.7	2,378	1.8	40.2	24.0	On
EW-2002	0.7	0.8	984	5.6	39.5	24.0	On
EW-2003	1.1	1.2	1,578	4.7	34.8	24.0	On
EW-2004	0.4	0.4	619	7.9	31.3	24.0	On
EW-2005	0.3	0.5	512	7.1	29.3	23.8	On
EW-2006	0.9	1.1	1,346	5.9	26.9	24.0	On
EW-2007	1.5	1.7	2,224	7.7	24.2	24.0	On
EW-2008	0.5	0.6	686	2.6	22.8	24.0	On
EW-2009	1.1	1.1	1,508	3.3	23.1	24.0	On
EW-2010	0.0	0.4	254	5.4	22.0	14.5	Off
EW-2011	0.0	0.5	298	8.2	20.5	16.3	Off
EW-2012	0.0	0.3	158	11.6	14.7	9.3	Off
EW-2013	0.0	0.5	240	17.3	14.7	13.4	Off
EW-2014	0.8	1.0	1,232	13.2	18.4	24.0	On
EW-2015	0.3	0.5	480	12.4	14.7	21.0	On
EW-2016	0.4	0.6	690	10.2	---	22.6	On
EW-2017	1.1	1.2	1,714	12.3	---	24.0	On
EW-2018	0.5	0.8	789	11.3	---	24.0	On
EW-2019	0.3	0.4	186	12.8	---	10.6	On
EW-2020	0.3	0.3	278	10.8	---	15.4	On
EW-2021	0.0	0.4	239	12.3	---	12.9	Off
EW-2022	0.0	0.3	396	11.7	---	20.7	Off
EW-2023	0.4	0.5	402	12.1	---	16.6	On
EW-2024	0.3	0.5	246	11.4	---	12.9	On
EW-2025	0.7	1.0	1,065	11.2	---	24.0	On
EW-2026	0.6	7.5	808	9.8	---	22.8	On
EW-2027	0.7	7.5	924	8.7	---	22.0	On
EW-2028	0.6	7.3	887	9.2	---	22.1	On
EW-2029	0.7	7.4	970	7.7	---	21.9	On
EW-2030	1.1	7.5	1,705	10.4	---	22.2	On
EW-2031	1.1	7.7	1,668	11.1	---	22.0	On
EW-2032	0.4	7.0	584	9.5	---	22.5	On
EW-2033	0.4	4.2	573	10.4	---	22.0	On
EW-2034	0.6	1.3	985	8.0	27.7	24.0	On
EW-2035	1.0	1.1	1,479	6.6	21.5	24.0	On
EW-2036	0.5	0.6	757	13.2	29.2	24.0	On
EW-2037	0.6	0.8	942	4.1	33.5	24.0	On
EW-2101	20.0	21.8	28,790	11.2	70.9	24.0	On
EW-2102	18.8	21.9	27,217	14.6	72.6	24.0	On
EW-2103	0.0	0.0	0	17.1	33.9	0.0	Off
EW-2104	44.5	44.9	64,110	11.5	53.4	24.0	On
EW-3001	0.0	0.0	0	1.8	14.7	0.0	Off
EW-3002	0.4	0.5	631	2.8	13.6	24.0	On
EW-3003	0.0	0.0	0	4.3	13.8	0.0	Off

Daily Log

April 14, 2016 12AM to April 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	8	1.2	---	0.5	Off
EW-3005	0.2	6.3	797	-0.2	---	23.0	On
EW-3006	0.0	0.4	0	1.4	---	0.0	Off
EW-3007	0.8	5.9	1,154	-1.0	---	22.8	On
EW-3008	0.3	0.5	513	-0.7	---	22.7	On
EW-3009	3.0	6.7	4,191	-1.7	---	22.6	On
EW-3010	0.8	5.7	1,289	-2.1	---	22.4	On
EW-3011	0.0	0.7	26	-0.6	26.6	1.3	Off
EW-3012	0.4	0.9	764	-3.9	32.4	24.0	On
EW-3013	0.9	2.7	1,335	-6.2	42.7	24.0	On
EW-3014	0.3	0.4	233	-8.1	50.1	13.4	On
EW-3015	1.0	5.0	1,475	-6.3	59.7	23.9	On
EW-3016	0.8	2.3	1,181	-6.8	66.8	24.0	On
EW-3017	0.0	1.0	190	-6.6	68.9	10.0	Off
EW-3018	0.0	1.2	97	-9.1	68.8	5.4	Off
EW-3019	0.9	2.5	1,287	-2.4	69.5	24.0	On
EW-3020	3.3	3.4	4,761	-2.0	39.8	24.0	On
EW-3021	0.0	0.4	246	0.4	27.7	13.5	Off
EW-3022	0.4	0.8	712	-2.4	35.7	24.0	On
EW-3023	2.8	6.4	4,236	-6.4	29.7	24.0	On
EW-3024	0.3	0.5	430	1.2	---	19.7	On
EW-3025	2.5	2.8	3,679	-4.5	38.3	24.0	On
EW-3026	3.0	3.1	4,306	-7.7	39.5	24.0	On
EW-3027	0.0	0.7	9	0.1	---	0.5	Off
EW-4001	1.8	1.9	2,700	-1.2	29.6	24.0	On
EW-4002	2.1	2.2	2,984	-46.9	14.8	24.0	On
EW-4003	1.8	2.0	2,775	-23.9	---	24.0	On
EW-4004	1.4	1.8	2,198	-11.3	17.2	24.0	On
EW-4005	1.8	2.0	2,742	-15.4	---	24.0	On
EW-4006	1.4	1.5	2,004	-50.9	32.8	24.0	On
EW-4007	1.0	1.1	1,480	-4.4	37.1	24.0	On
EW-4008	1.9	2.2	2,798	-6.4	34.5	24.0	On
EW-4009	0.7	1.2	1,127	-19.9	43.2	24.0	On
EW-4010	2.3	2.3	3,293	0.7	45.1	24.0	On
EW-4011	2.0	2.1	2,923	-21.4	45.1	24.0	On
EW-5001	1.8	2.1	2,773	-21.4	---	24.0	On
EW-5002	0.0	0.0	0	4.6	21.8	0.0	Off
EW Totals	**147.4**		**216,249**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	215.7	158 GPM
FIT-500	64 GPM	164.4	235 GPM
Effluent Temp	95.6 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

April 14, 2016 12AM to April 15, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	38 GPM	44.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 14, 2016 12AM to April 15, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	65.4
Permeate Flow	FIT-642	71 GPM	46.8
Concentrate Flow	FIT-643	23 GPM	17.4

Inlet Conductivity	CIT-630	860.3 µS
Outlet Conductivity	CIT-642	21.4 µS
Hours Run		11.4 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 15, 2016 12AM to April 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.7	2,372	1.7	40.1	24.0	On
EW-2002	0.7	0.8	982	5.5	39.5	24.0	On
EW-2003	1.1	1.1	1,573	4.8	34.7	24.0	On
EW-2004	0.4	0.4	584	8.0	31.1	24.0	On
EW-2005	0.4	0.4	518	7.0	29.0	23.9	On
EW-2006	0.9	1.0	1,322	5.9	26.7	24.0	On
EW-2007	1.6	1.6	2,229	7.5	23.9	24.0	On
EW-2008	0.4	0.6	683	2.6	22.7	24.0	On
EW-2009	1.0	1.1	1,505	3.4	22.9	24.0	On
EW-2010	0.3	0.4	252	6.4	22.0	14.5	On
EW-2011	0.3	0.4	297	9.2	20.6	16.3	On
EW-2012	0.0	0.3	154	12.7	13.9	9.1	Off
EW-2013	0.0	0.5	236	18.5	13.8	13.4	Off
EW-2014	0.9	1.3	1,229	13.0	17.9	24.0	On
EW-2015	0.4	0.5	480	12.7	14.0	21.0	On
EW-2016	0.5	0.6	686	11.4	---	22.5	On
EW-2017	1.2	1.3	1,717	12.2	---	24.0	On
EW-2018	0.5	0.8	787	11.0	---	24.0	On
EW-2019	0.0	0.4	172	12.3	---	9.7	Off
EW-2020	0.3	0.4	276	10.7	---	15.2	On
EW-2021	0.3	0.4	235	13.6	---	12.6	On
EW-2022	0.3	0.4	387	11.3	---	20.3	On
EW-2023	0.4	0.5	397	11.6	---	16.4	On
EW-2024	0.3	0.4	245	10.0	---	12.9	On
EW-2025	0.7	0.9	1,053	10.8	---	24.0	On
EW-2026	0.6	0.8	833	9.4	---	24.0	On
EW-2027	0.7	0.9	996	8.4	---	24.0	On
EW-2028	0.7	0.9	943	8.8	---	24.0	On
EW-2029	0.7	0.9	994	7.3	---	24.0	On
EW-2030	1.3	1.4	1,838	10.2	---	24.0	On
EW-2031	1.3	1.3	1,808	10.9	---	24.0	On
EW-2032	0.4	0.6	601	9.2	---	24.0	On
EW-2033	0.4	0.6	585	10.0	---	24.0	On
EW-2034	0.7	0.7	981	8.2	27.8	24.0	On
EW-2035	1.0	1.0	1,482	6.5	20.9	24.0	On
EW-2036	0.5	1.2	752	13.2	29.4	24.0	On
EW-2037	0.7	1.6	937	3.9	34.2	24.0	On
EW-2101	19.8	20.1	28,665	11.2	71.4	24.0	On
EW-2102	18.2	18.9	26,659	14.6	72.7	24.0	On
EW-2103	0.0	17.1	3,593	17.0	33.6	4.1	Off
EW-2104	44.6	44.9	63,547	11.5	53.4	24.0	On
EW-3001	0.0	0.0	0	1.8	13.9	0.0	Off
EW-3002	0.5	0.5	629	2.8	12.8	24.0	On
EW-3003	0.0	0.0	0	4.3	13.1	0.0	Off

Daily Log

April 15, 2016 12AM to April 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.7	688	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,381	-1.1	---	24.0	On
EW-3008	0.4	0.5	542	-0.8	---	24.0	On
EW-3009	3.0	3.1	4,354	-1.7	---	24.0	On
EW-3010	1.0	1.1	1,423	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	-0.5	26.6	0.0	Off
EW-3012	0.6	0.6	762	-4.1	32.6	24.0	On
EW-3013	1.0	1.1	1,338	-6.4	43.0	24.0	On
EW-3014	0.0	0.4	234	-8.3	50.5	13.4	Off
EW-3015	1.0	1.2	1,472	-6.1	60.1	24.0	On
EW-3016	0.8	0.9	1,179	-6.7	67.2	24.0	On
EW-3017	0.0	0.8	189	-6.5	69.7	9.9	Off
EW-3018	0.3	0.6	97	-9.2	69.5	5.4	On
EW-3019	0.8	1.0	1,283	-2.4	70.2	24.0	On
EW-3020	3.3	3.3	4,755	-2.1	39.8	24.0	On
EW-3021	0.0	0.5	177	0.9	27.4	10.1	Off
EW-3022	0.5	1.1	674	-2.5	35.4	24.0	On
EW-3023	2.8	2.9	4,056	-6.3	30.0	24.0	On
EW-3024	0.4	0.5	448	0.7	---	20.7	On
EW-3025	2.5	3.0	3,614	-4.6	38.0	24.0	On
EW-3026	3.0	3.1	4,353	-7.9	39.4	24.0	On
EW-3027	0.0	0.0	0	0.1	---	0.0	Off
EW-4001	2.2	2.4	2,922	-1.8	30.0	24.0	On
EW-4002	2.1	2.3	2,972	-47.2	14.1	24.0	On
EW-4003	2.0	2.0	2,797	-24.6	---	24.0	On
EW-4004	1.6	1.6	2,209	-11.8	16.6	24.0	On
EW-4005	1.9	1.9	2,751	-15.8	---	24.0	On
EW-4006	1.4	1.9	1,987	-51.2	32.5	24.0	On
EW-4007	1.0	1.1	1,473	-4.3	36.8	24.0	On
EW-4008	2.0	2.7	2,922	-6.4	34.4	24.0	On
EW-4009	0.8	0.9	1,137	-21.3	43.6	24.0	On
EW-4010	2.4	2.4	3,295	0.5	48.0	24.0	On
EW-4011	2.3	2.4	3,100	-25.4	48.0	24.0	On
EW-5001	2.0	2.0	2,785	-21.7	---	24.0	On
EW-5002	0.0	0.0	0	4.5	21.3	0.0	Off
EW Totals	**151.2**		**219,585**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	219.2	167 GPM
FIT-500	0 GPM	162.6	237 GPM
Effluent Temp	96.6 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

April 15, 2016 12AM to April 16, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	38 GPM	43.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 15, 2016 12AM to April 16, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	64.7
Permeate Flow	FIT-642	70 GPM	46.1
Concentrate Flow	FIT-643	25 GPM	17.4

Inlet Conductivity	CIT-630	842.3 µS
Outlet Conductivity	CIT-642	22.0 µS
Hours Run		11.4 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 16, 2016 12AM to April 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.7	2,366	1.7	40.4	24.0	On
EW-2002	0.6	0.7	970	5.5	39.8	24.0	On
EW-2003	1.1	1.1	1,567	4.8	35.1	24.0	On
EW-2004	0.4	0.4	581	8.0	31.5	24.0	On
EW-2005	0.3	0.4	523	7.0	29.5	24.0	On
EW-2006	0.9	0.9	1,306	5.9	27.1	24.0	On
EW-2007	1.5	1.6	2,231	7.6	24.4	24.0	On
EW-2008	0.5	0.8	682	2.6	23.3	24.0	On
EW-2009	1.0	1.1	1,504	3.3	23.5	24.0	On
EW-2010	0.0	0.4	253	5.3	22.5	14.3	Off
EW-2011	0.4	0.4	300	8.2	21.0	16.1	On
EW-2012	0.0	0.3	156	12.1	14.7	9.2	Off
EW-2013	0.0	0.5	237	17.7	14.7	12.5	Off
EW-2014	0.8	0.9	1,223	13.1	18.6	24.0	On
EW-2015	0.3	0.5	485	12.4	14.9	20.7	On
EW-2016	0.4	0.6	695	12.2	---	22.7	On
EW-2017	1.1	1.2	1,719	12.2	---	24.0	On
EW-2018	0.5	0.8	785	11.3	---	24.0	On
EW-2019	0.0	0.3	160	12.5	---	9.0	Off
EW-2020	0.0	0.3	276	10.7	---	15.2	Off
EW-2021	0.0	0.4	239	13.4	---	12.6	Off
EW-2022	0.3	0.3	386	13.0	---	20.3	On
EW-2023	0.4	0.5	399	11.5	---	16.5	On
EW-2024	0.3	0.5	242	11.5	---	12.4	On
EW-2025	0.5	0.9	1,047	11.2	---	24.0	On
EW-2026	0.3	0.8	827	9.8	---	24.0	On
EW-2027	0.5	0.9	990	8.7	---	24.0	On
EW-2028	0.6	0.9	937	9.2	---	24.0	On
EW-2029	0.5	0.9	989	7.7	---	24.0	On
EW-2030	1.1	1.4	1,829	10.3	---	24.0	On
EW-2031	1.1	1.4	1,795	11.0	---	24.0	On
EW-2032	0.2	0.6	590	9.5	---	24.0	On
EW-2033	0.2	0.6	579	10.3	---	24.0	On
EW-2034	0.6	0.7	973	8.1	28.6	24.0	On
EW-2035	1.0	1.0	1,479	6.6	21.4	24.0	On
EW-2036	0.5	0.6	748	13.2	29.9	24.0	On
EW-2037	0.6	0.8	931	4.0	34.5	24.0	On
EW-2101	19.5	20.0	28,323	11.2	72.1	24.0	On
EW-2102	18.0	18.5	26,121	14.6	73.1	24.0	On
EW-2103	0.0	0.0	0	17.1	34.3	0.0	Off
EW-2104	44.3	44.8	63,993	11.5	53.4	24.0	On
EW-3001	0.0	0.0	0	1.8	14.6	0.0	Off
EW-3002	0.3	0.5	620	2.8	13.6	24.0	On
EW-3003	0.0	0.0	0	4.3	13.9	0.0	Off

Daily Log

April 16, 2016 12AM to April 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.3	0.6	684	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	1.0	1,363	-1.0	---	24.0	On
EW-3008	0.3	0.5	532	-0.8	---	24.0	On
EW-3009	2.9	3.0	4,300	-1.7	---	24.0	On
EW-3010	0.8	1.1	1,431	-2.1	---	24.0	On
EW-3011	0.0	0.0	0	-0.5	27.5	0.0	Off
EW-3012	0.4	0.6	753	-3.9	33.5	24.0	On
EW-3013	0.8	1.1	1,342	-6.2	43.7	24.0	On
EW-3014	0.3	0.5	234	-8.6	51.3	13.4	On
EW-3015	1.0	1.1	1,469	-6.1	60.7	24.0	On
EW-3016	0.8	0.9	1,174	-6.8	67.8	24.0	On
EW-3017	0.0	0.7	188	-6.1	70.3	9.9	Off
EW-3018	0.3	0.6	96	-8.8	70.2	5.4	On
EW-3019	0.9	1.0	1,281	-2.3	70.8	24.0	On
EW-3020	3.3	3.3	4,744	-2.1	40.0	24.0	On
EW-3021	0.0	0.4	209	0.3	27.9	11.8	Off
EW-3022	0.4	0.6	657	-2.4	35.7	24.0	On
EW-3023	2.7	2.8	3,992	-6.4	31.0	24.0	On
EW-3024	0.3	0.5	476	1.3	---	21.1	On
EW-3025	2.5	2.6	3,596	-4.5	38.2	24.0	On
EW-3026	3.0	3.0	4,307	-7.8	39.5	24.0	On
EW-3027	0.0	0.0	0	0.1	---	0.0	Off
EW-4001	2.1	2.2	3,091	-1.8	30.4	24.0	On
EW-4002	2.0	2.2	2,967	-47.1	15.0	24.0	On
EW-4003	1.8	2.0	2,800	-24.4	---	24.0	On
EW-4004	1.4	1.6	2,211	-11.6	17.3	24.0	On
EW-4005	1.8	1.9	2,731	-15.7	---	24.0	On
EW-4006	1.4	1.5	1,971	-50.9	32.8	24.0	On
EW-4007	1.0	1.1	1,457	-4.3	37.0	24.0	On
EW-4008	1.9	2.1	2,795	-6.6	35.1	24.0	On
EW-4009	0.7	0.9	1,133	-20.7	44.3	24.0	On
EW-4010	2.4	2.4	3,419	0.5	48.4	24.0	On
EW-4011	2.3	2.3	3,284	-25.3	48.2	24.0	On
EW-5001	1.8	2.0	2,769	-21.5	---	24.0	On
EW-5002	0.0	0.0	0	4.4	21.9	0.0	Off
EW Totals	**144.9**		**215,511**				

	Value	Total (KGal)	Peak Flow
FIT-100	145 GPM	215.1	155 GPM
FIT-500	202 GPM	169.6	237 GPM
Effluent Temp	95.6 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

April 16, 2016 12AM to April 17, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	38 GPM	44.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 16, 2016 12AM to April 17, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	65.8
Permeate Flow	FIT-642	69 GPM	47.1
Concentrate Flow	FIT-643	25 GPM	17.4

Inlet Conductivity	CIT-630	858.8 µS
Outlet Conductivity	CIT-642	21.1 µS
Hours Run		11.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 17, 2016 12AM to April 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.7	2,364	1.7	40.6	24.0	On
EW-2002	0.7	0.8	973	5.6	39.9	24.0	On
EW-2003	1.1	1.2	1,568	4.8	35.2	24.0	On
EW-2004	0.4	0.7	587	8.0	31.6	23.9	On
EW-2005	0.4	0.5	511	6.9	29.5	23.7	On
EW-2006	0.9	1.0	1,300	5.9	27.1	24.0	On
EW-2007	1.5	1.6	2,211	7.6	24.2	24.0	On
EW-2008	0.5	0.6	678	2.6	23.4	24.0	On
EW-2009	1.0	1.1	1,509	3.4	23.7	24.0	On
EW-2010	0.3	0.4	250	6.0	22.7	14.3	On
EW-2011	0.3	0.4	296	8.8	21.2	16.1	On
EW-2012	0.3	0.3	154	12.8	14.8	9.1	On
EW-2013	0.3	0.5	235	18.3	14.9	13.0	On
EW-2014	0.9	0.9	1,229	12.9	18.3	24.0	On
EW-2015	0.4	0.5	481	11.6	14.5	20.6	On
EW-2016	0.5	0.6	685	10.4	---	22.6	On
EW-2017	1.2	1.2	1,732	12.2	---	24.0	On
EW-2018	0.5	0.9	785	11.0	---	24.0	On
EW-2019	0.0	0.3	161	11.6	---	9.2	Off
EW-2020	0.3	0.3	276	11.6	---	15.3	On
EW-2021	0.3	0.4	238	11.9	---	12.8	On
EW-2022	0.3	0.3	386	11.1	---	20.3	On
EW-2023	0.4	0.5	398	11.7	---	16.5	On
EW-2024	0.0	0.5	244	10.7	---	12.6	Off
EW-2025	0.7	0.9	1,050	10.9	---	24.0	On
EW-2026	0.6	0.8	829	9.5	---	24.0	On
EW-2027	0.7	0.9	992	8.3	---	24.0	On
EW-2028	0.7	0.9	939	8.8	---	24.0	On
EW-2029	0.7	0.9	988	7.3	---	24.0	On
EW-2030	1.3	1.4	1,835	10.1	---	24.0	On
EW-2031	1.3	1.4	1,802	10.8	---	24.0	On
EW-2032	0.4	0.6	599	9.2	---	24.0	On
EW-2033	0.4	0.6	583	10.1	---	24.0	On
EW-2034	0.7	0.7	966	8.0	28.7	24.0	On
EW-2035	1.0	1.0	1,471	6.6	21.2	24.0	On
EW-2036	0.5	0.6	744	13.2	29.8	24.0	On
EW-2037	0.6	0.8	927	4.0	34.6	24.0	On
EW-2101	19.5	19.8	28,016	11.2	71.9	24.0	On
EW-2102	17.6	18.2	25,650	14.6	73.1	24.0	On
EW-2103	0.0	0.0	0	17.0	34.2	0.0	Off
EW-2104	44.3	44.8	63,933	11.4	53.7	24.0	On
EW-3001	0.0	0.0	0	1.8	14.7	0.0	Off
EW-3002	0.4	0.5	634	2.8	13.5	24.0	On
EW-3003	0.0	0.0	0	4.3	13.6	0.0	Off

Daily Log

April 17, 2016 12AM to April 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.6	739	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.0	1,357	-1.1	---	24.0	On
EW-3008	0.4	0.5	542	-0.8	---	24.0	On
EW-3009	3.0	3.0	4,273	-1.7	---	24.0	On
EW-3010	1.0	1.1	1,425	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.4	27.5	0.0	Off
EW-3012	0.6	0.6	763	-4.0	33.5	24.0	On
EW-3013	1.0	1.0	1,339	-6.4	43.8	24.0	On
EW-3014	0.0	0.5	233	-8.6	51.2	13.4	Off
EW-3015	1.0	1.1	1,466	-6.3	60.5	24.0	On
EW-3016	0.8	0.9	1,171	-6.7	67.7	24.0	On
EW-3017	0.0	0.8	188	-6.0	70.3	9.9	Off
EW-3018	0.0	0.6	97	-9.0	70.3	5.4	Off
EW-3019	0.9	1.0	1,275	-2.4	70.9	24.0	On
EW-3020	3.3	3.3	4,724	-2.1	40.2	24.0	On
EW-3021	0.3	0.4	215	-0.3	28.1	12.1	On
EW-3022	0.4	0.5	639	-2.3	35.8	24.0	On
EW-3023	2.7	2.8	3,943	-6.3	31.2	24.0	On
EW-3024	0.4	0.5	479	0.8	---	21.5	On
EW-3025	2.5	2.5	3,569	-4.5	38.3	24.0	On
EW-3026	3.0	3.0	4,335	-7.9	39.6	24.0	On
EW-3027	0.0	0.0	0	0.1	---	0.0	Off
EW-4001	2.1	2.2	3,063	-1.8	30.3	24.0	On
EW-4002	2.0	2.2	2,964	-47.0	14.9	24.0	On
EW-4003	2.0	2.0	2,786	-24.6	---	24.0	On
EW-4004	1.5	1.6	2,216	-11.7	17.0	24.0	On
EW-4005	1.9	1.9	2,733	-16.1	---	24.0	On
EW-4006	1.4	1.5	1,958	-51.0	32.9	24.0	On
EW-4007	1.0	1.1	1,437	-4.3	37.1	24.0	On
EW-4008	1.9	2.1	2,816	-6.7	35.0	24.0	On
EW-4009	0.8	0.8	1,126	-20.9	44.6	24.0	On
EW-4010	2.4	2.4	3,399	0.5	48.5	24.0	On
EW-4011	2.3	2.3	3,286	-25.2	48.2	24.0	On
EW-5001	1.9	2.0	2,763	-21.7	---	24.0	On
EW-5002	0.0	0.0	0	4.3	21.5	0.0	Off
EW Totals	**149.5**		**214,525**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	214.1	154 GPM
FIT-500	64 GPM	161.8	237 GPM
Effluent Temp	95.7 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

April 17, 2016 12AM to April 18, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	39 GPM	0.0
RC-7003	FIT-665	38 GPM	45.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 17, 2016 12AM to April 18, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	85 GPM	67.0
Permeate Flow	FIT-642	64 GPM	48.0
Concentrate Flow	FIT-643	19 GPM	17.8

Inlet Conductivity	CIT-630	871.8 µS
Outlet Conductivity	CIT-642	36.5 µS
Hours Run		11.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 18, 2016 12AM to April 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	2.3	2,355	1.8	40.5	24.0	On
EW-2002	0.7	1.7	963	5.6	39.8	24.0	On
EW-2003	1.1	6.3	1,590	4.5	35.3	23.6	On
EW-2004	0.5	6.1	630	7.2	31.8	23.4	On
EW-2005	0.4	1.2	507	7.0	29.6	23.4	On
EW-2006	0.9	1.3	1,283	5.8	27.2	24.0	On
EW-2007	1.5	1.8	2,190	7.6	24.6	24.0	On
EW-2008	0.5	0.7	678	2.5	23.6	24.0	On
EW-2009	1.1	1.1	1,505	3.3	23.9	24.0	On
EW-2010	0.3	0.5	251	5.6	22.9	14.2	On
EW-2011	0.3	0.5	294	8.5	21.4	16.1	On
EW-2012	0.3	0.3	156	12.7	15.1	9.2	On
EW-2013	0.3	0.5	237	17.4	15.1	13.2	On
EW-2014	0.9	1.0	1,228	12.9	18.5	24.0	On
EW-2015	0.4	0.5	477	11.4	14.7	20.6	On
EW-2016	0.5	0.6	683	11.1	---	22.4	On
EW-2017	1.2	1.2	1,714	12.2	---	24.0	On
EW-2018	0.5	0.8	783	11.1	---	24.0	On
EW-2019	0.3	5.0	159	11.6	---	8.7	On
EW-2020	0.3	0.4	276	10.2	---	15.3	On
EW-2021	0.0	4.9	235	13.3	---	11.9	Off
EW-2022	0.3	5.7	373	12.7	---	18.3	On
EW-2023	0.4	0.5	398	11.9	---	16.5	On
EW-2024	0.0	0.5	242	10.7	---	12.4	Off
EW-2025	0.7	1.0	1,046	10.9	---	24.0	On
EW-2026	0.6	0.8	824	9.5	---	24.0	On
EW-2027	0.7	0.9	988	8.4	---	24.0	On
EW-2028	0.6	0.9	935	8.9	---	24.0	On
EW-2029	0.7	0.9	987	7.4	---	24.0	On
EW-2030	1.3	1.4	1,833	10.2	---	24.0	On
EW-2031	1.2	1.4	1,796	10.9	---	24.0	On
EW-2032	0.4	0.7	599	9.2	---	24.0	On
EW-2033	0.4	0.6	570	10.1	---	24.0	On
EW-2034	0.7	1.3	962	8.0	29.1	24.0	On
EW-2035	1.0	1.1	1,463	6.6	21.4	24.0	On
EW-2036	0.5	0.6	737	13.4	29.9	24.0	On
EW-2037	0.6	0.8	924	3.8	34.6	24.0	On
EW-2101	19.1	26.0	27,582	11.4	71.3	24.0	On
EW-2102	17.6	23.5	25,282	14.6	72.6	23.9	On
EW-2103	0.0	0.0	0	17.0	34.4	0.0	Off
EW-2104	44.4	44.8	63,907	11.4	54.1	24.0	On
EW-3001	0.0	0.0	0	1.8	14.9	0.0	Off
EW-3002	0.4	0.5	633	2.8	13.7	24.0	On
EW-3003	0.0	0.0	0	4.3	13.8	0.0	Off

Daily Log

April 18, 2016 12AM to April 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.7	766	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.0	1,359	-1.1	---	24.0	On
EW-3008	0.4	0.5	535	-0.8	---	24.0	On
EW-3009	2.9	3.0	4,201	-1.7	---	24.0	On
EW-3010	1.0	1.1	1,403	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.4	27.9	0.0	Off
EW-3012	0.6	0.9	769	-4.0	34.0	24.0	On
EW-3013	1.0	2.2	1,339	-6.5	44.1	24.0	On
EW-3014	0.0	0.8	232	-8.1	51.1	13.4	Off
EW-3015	1.0	5.1	1,461	-6.3	60.1	23.9	On
EW-3016	0.8	1.8	1,167	-6.8	67.3	24.0	On
EW-3017	0.0	1.0	187	-5.2	69.7	9.7	Off
EW-3018	0.0	0.6	97	-9.2	69.5	5.4	Off
EW-3019	0.9	1.6	1,234	-2.3	70.3	24.0	On
EW-3020	3.2	3.8	4,678	-2.0	40.1	24.0	On
EW-3021	0.0	0.4	227	0.9	27.9	12.7	Off
EW-3022	0.4	0.5	626	-2.6	35.7	24.0	On
EW-3023	2.7	5.0	3,912	-6.4	31.8	24.0	On
EW-3024	0.3	0.6	491	1.4	---	21.8	On
EW-3025	2.5	2.5	3,546	-4.5	38.3	24.0	On
EW-3026	3.0	3.0	4,331	-8.0	39.5	24.0	On
EW-3027	0.0	0.0	0	0.1	---	0.0	Off
EW-4001	2.1	2.1	3,010	-2.0	30.4	24.0	On
EW-4002	2.0	2.2	2,953	-47.1	15.2	24.0	On
EW-4003	2.0	2.0	2,798	-25.1	---	24.0	On
EW-4004	1.7	1.8	2,310	-12.8	17.2	24.0	On
EW-4005	1.9	2.0	2,745	-16.6	---	24.0	On
EW-4006	1.3	1.5	1,948	-51.1	32.8	24.0	On
EW-4007	1.0	1.1	1,433	-4.7	37.1	24.0	On
EW-4008	2.0	2.1	2,819	-7.0	35.0	24.0	On
EW-4009	0.8	1.3	1,135	-21.3	44.7	24.0	On
EW-4010	2.3	2.4	3,374	0.2	48.4	24.0	On
EW-4011	2.3	2.3	3,275	-25.7	48.1	24.0	On
EW-5001	2.0	2.0	2,780	-21.9	---	24.0	On
EW-5002	0.0	0.0	0	4.3	21.7	0.0	Off
EW Totals	**148.8**		**213,416**				

	Value	Total (KGal)	Peak Flow
FIT-100	149 GPM	212.8	154 GPM
FIT-500	65 GPM	154.1	237 GPM
Effluent Temp	97.4 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

April 18, 2016 12AM to April 19, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	38 GPM	0.0
RC-7003	FIT-665	38 GPM	45.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 18, 2016 12AM to April 19, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	99 GPM	67.4
Permeate Flow	FIT-642	72 GPM	48.4
Concentrate Flow	FIT-643	26 GPM	17.8

Inlet Conductivity	CIT-630	846.9 µS
Outlet Conductivity	CIT-642	22.6 µS
Hours Run		11.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	98.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 19, 2016 12AM to April 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.6	2,346	1.8	40.7	24.0	On
EW-2002	0.7	0.7	957	5.6	40.0	24.0	On
EW-2003	1.1	1.2	1,594	4.7	35.5	24.0	On
EW-2004	0.5	0.6	699	7.0	32.0	24.0	On
EW-2005	0.4	0.4	514	6.9	29.8	23.9	On
EW-2006	0.9	0.9	1,264	5.8	27.4	24.0	On
EW-2007	1.5	1.6	2,185	7.5	24.7	24.0	On
EW-2008	0.4	0.6	677	2.5	23.4	24.0	On
EW-2009	1.0	1.1	1,504	3.3	23.7	24.0	On
EW-2010	0.3	0.5	248	6.6	22.7	13.7	On
EW-2011	0.3	0.4	292	9.2	21.3	15.6	On
EW-2012	0.3	0.3	155	12.8	15.3	9.2	On
EW-2013	0.3	0.5	234	18.1	15.3	12.3	On
EW-2014	0.9	1.0	1,220	12.9	18.7	24.0	On
EW-2015	0.4	0.5	474	11.4	14.9	20.3	On
EW-2016	0.6	0.6	691	10.4	---	22.5	On
EW-2017	1.2	1.2	1,693	12.2	---	24.0	On
EW-2018	0.5	0.9	779	10.9	---	24.0	On
EW-2019	0.0	0.5	156	12.4	---	8.0	Off
EW-2020	0.3	0.3	271	11.0	---	14.9	On
EW-2021	0.0	0.5	236	11.5	---	11.4	Off
EW-2022	0.4	0.5	374	11.6	---	17.1	On
EW-2023	0.4	0.5	397	11.1	---	16.3	On
EW-2024	0.0	0.5	241	10.5	---	12.1	Off
EW-2025	0.7	1.0	1,037	10.8	---	24.0	On
EW-2026	0.6	0.8	821	9.4	---	24.0	On
EW-2027	0.7	0.9	981	8.3	---	24.0	On
EW-2028	0.7	0.9	932	8.8	---	24.0	On
EW-2029	0.7	0.9	985	7.3	---	24.0	On
EW-2030	1.3	1.4	1,819	10.1	---	24.0	On
EW-2031	1.2	1.4	1,780	10.8	---	24.0	On
EW-2032	0.4	0.7	594	9.1	---	24.0	On
EW-2033	0.4	0.6	558	10.0	---	24.0	On
EW-2034	0.7	0.7	958	8.1	29.3	24.0	On
EW-2035	1.0	1.0	1,463	6.5	21.6	24.0	On
EW-2036	0.5	0.6	735	13.3	30.1	24.0	On
EW-2037	0.7	0.8	919	3.8	34.9	24.0	On
EW-2101	18.7	19.2	27,097	11.4	72.0	24.0	On
EW-2102	17.2	17.7	24,951	14.6	73.0	24.0	On
EW-2103	0.0	0.0	0	17.0	34.5	0.0	Off
EW-2104	44.3	44.7	63,837	11.4	54.3	24.0	On
EW-3001	0.0	0.0	0	1.8	15.2	0.0	Off
EW-3002	0.4	0.5	624	2.8	13.9	24.0	On
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

April 19, 2016 12AM to April 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.6	0.7	775	-0.5	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,350	-1.1	---	24.0	On
EW-3008	0.4	0.5	519	-0.8	---	24.0	On
EW-3009	2.9	2.9	4,129	-1.7	---	24.0	On
EW-3010	1.0	1.1	1,372	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.3	28.1	0.0	Off
EW-3012	0.5	0.6	757	-3.9	34.2	24.0	On
EW-3013	0.9	1.0	1,337	-6.3	44.3	24.0	On
EW-3014	0.3	0.5	233	-8.5	51.7	13.3	On
EW-3015	1.0	1.2	1,458	-6.2	60.8	24.0	On
EW-3016	0.8	0.9	1,163	-6.7	67.9	24.0	On
EW-3017	0.0	1.0	187	-5.1	70.4	9.8	Off
EW-3018	0.0	0.6	96	-9.7	70.1	5.4	Off
EW-3019	0.7	1.0	1,197	0.2	71.0	24.0	On
EW-3020	3.2	3.2	4,630	-1.8	40.3	24.0	On
EW-3021	0.0	0.4	242	0.7	28.1	13.4	Off
EW-3022	0.4	0.5	615	-2.6	35.8	24.0	On
EW-3023	2.7	2.8	3,890	-6.3	32.3	24.0	On
EW-3024	0.4	0.6	486	0.7	---	21.3	On
EW-3025	2.5	2.5	3,502	-4.5	38.3	24.0	On
EW-3026	3.0	3.1	4,353	-8.0	39.4	24.0	On
EW-3027	0.0	1.1	23	0.2	---	1.4	Off
EW-4001	2.1	2.1	2,948	-2.0	30.6	24.0	On
EW-4002	2.0	2.2	2,942	-47.0	15.4	24.0	On
EW-4003	2.0	2.0	2,791	-25.2	---	24.0	On
EW-4004	1.6	1.7	2,334	-12.7	17.3	24.0	On
EW-4005	1.9	2.0	2,740	-16.7	---	24.0	On
EW-4006	1.3	1.5	1,933	-51.2	33.0	24.0	On
EW-4007	1.1	1.1	1,423	-4.7	37.2	24.0	On
EW-4008	2.0	2.1	2,817	-7.0	35.2	24.0	On
EW-4009	0.8	0.9	1,141	-21.8	45.0	24.0	On
EW-4010	2.3	2.4	3,355	0.2	48.4	24.0	On
EW-4011	2.3	2.3	3,263	-25.7	48.3	24.0	On
EW-5001	2.0	2.0	2,770	-21.9	---	24.0	On
EW-5002	0.0	0.0	0	4.2	21.9	0.0	Off
EW Totals	**148.1**		**212,063**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	211.3	154 GPM
FIT-500	0 GPM	163.9	236 GPM
Effluent Temp	97.7 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

April 19, 2016 12AM to April 20, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	33 GPM	0.0
RC-7003	FIT-665	33 GPM	46.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 19, 2016 12AM to April 20, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	100 GPM	68.2
Permeate Flow	FIT-642	70 GPM	49.2
Concentrate Flow	FIT-643	30 GPM	17.8

Inlet Conductivity	CIT-630	859.4 µS
Outlet Conductivity	CIT-642	22.6 µS
Hours Run		11.3 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	98.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 20, 2016 12AM to April 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.7	2,344	1.8	40.7	24.0	On
EW-2002	0.7	0.8	954	5.6	40.1	24.0	On
EW-2003	1.1	1.2	1,571	4.8	35.5	24.0	On
EW-2004	0.5	0.6	695	7.0	32.1	23.9	On
EW-2005	0.4	0.4	501	7.0	29.9	23.4	On
EW-2006	0.9	0.9	1,261	6.0	27.5	24.0	On
EW-2007	1.5	1.6	2,202	7.6	24.8	24.0	On
EW-2008	0.5	0.6	673	2.4	23.8	24.0	On
EW-2009	1.0	1.1	1,501	3.2	24.0	24.0	On
EW-2010	0.3	0.4	250	5.6	23.0	14.2	On
EW-2011	0.3	0.4	293	8.4	21.5	16.0	On
EW-2012	0.0	0.3	158	12.7	15.0	9.3	Off
EW-2013	0.3	0.5	236	17.8	15.1	13.0	On
EW-2014	0.9	1.0	1,223	12.9	18.7	24.0	On
EW-2015	0.4	0.5	469	12.4	14.8	20.3	On
EW-2016	0.0	0.6	680	10.7	---	22.1	Off
EW-2017	1.2	1.2	1,688	12.2	---	24.0	On
EW-2018	0.5	0.9	780	11.0	---	24.0	On
EW-2019	0.3	0.5	158	12.0	---	8.4	On
EW-2020	0.0	0.3	272	10.5	---	15.1	Off
EW-2021	0.3	0.5	231	13.6	---	11.5	On
EW-2022	0.4	0.5	370	11.4	---	17.1	On
EW-2023	0.4	0.4	396	10.8	---	16.3	On
EW-2024	0.0	0.5	241	9.8	---	11.7	Off
EW-2025	0.7	1.0	1,039	10.8	---	24.0	On
EW-2026	0.6	0.8	820	9.4	---	24.0	On
EW-2027	0.7	0.9	980	8.3	---	24.0	On
EW-2028	0.7	0.9	931	8.8	---	24.0	On
EW-2029	0.7	0.9	984	7.3	---	24.0	On
EW-2030	1.3	1.4	1,823	10.1	---	24.0	On
EW-2031	1.3	1.4	1,778	10.8	---	24.0	On
EW-2032	0.4	0.7	598	9.1	---	24.0	On
EW-2033	0.4	0.7	561	10.0	---	24.0	On
EW-2034	0.7	0.7	952	8.1	29.3	24.0	On
EW-2035	1.0	1.0	1,469	6.5	21.6	24.0	On
EW-2036	0.5	0.6	732	13.0	30.2	24.0	On
EW-2037	0.6	0.8	917	3.8	34.9	24.0	On
EW-2101	18.6	18.9	26,812	11.4	71.9	24.0	On
EW-2102	17.1	17.3	24,512	14.6	72.8	24.0	On
EW-2103	0.0	0.0	0	17.0	34.7	0.0	Off
EW-2104	44.3	44.7	63,808	11.4	53.9	24.0	On
EW-3001	0.0	0.0	0	1.8	15.0	0.0	Off
EW-3002	0.5	0.5	640	2.8	13.8	24.0	On
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

April 20, 2016 12AM to April 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.7	0.7	821	-0.5	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.0	1,349	-1.2	---	24.0	On
EW-3008	0.4	0.5	537	-0.8	---	24.0	On
EW-3009	2.9	2.9	4,131	-1.7	---	24.0	On
EW-3010	1.0	1.1	1,351	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.3	28.2	0.0	Off
EW-3012	0.6	0.6	779	-4.1	34.2	24.0	On
EW-3013	1.0	1.1	1,336	-6.4	44.3	24.0	On
EW-3014	0.0	0.4	232	-8.8	51.5	13.4	Off
EW-3015	1.0	1.2	1,454	-6.3	60.5	24.0	On
EW-3016	0.8	0.9	1,160	-6.7	67.6	24.0	On
EW-3017	0.0	0.8	188	-5.6	70.4	9.9	Off
EW-3018	0.0	0.5	95	-9.0	70.1	5.3	Off
EW-3019	0.7	0.8	1,064	0.2	70.6	24.0	On
EW-3020	3.2	3.3	4,624	-1.9	40.4	24.0	On
EW-3021	0.0	0.4	242	0.3	28.1	13.3	Off
EW-3022	0.5	0.5	598	-2.4	36.0	24.0	On
EW-3023	2.6	2.7	3,827	-6.2	32.6	24.0	On
EW-3024	0.0	0.6	468	0.8	---	21.0	Off
EW-3025	2.4	2.5	3,502	-4.5	38.4	24.0	On
EW-3026	3.0	3.0	4,323	-8.1	39.8	24.0	On
EW-3027	0.0	0.7	2	0.2	---	0.1	Off
EW-4001	2.1	2.1	2,945	-2.0	30.7	24.0	On
EW-4002	2.0	2.2	2,935	-47.1	15.2	24.0	On
EW-4003	2.0	2.0	2,828	-25.5	---	24.0	On
EW-4004	1.6	1.7	2,336	-12.6	17.3	24.0	On
EW-4005	1.9	2.0	2,769	-16.8	---	24.0	On
EW-4006	1.3	1.4	1,921	-51.2	33.0	24.0	On
EW-4007	1.0	1.1	1,462	-4.8	37.3	24.0	On
EW-4008	2.0	2.1	2,851	-7.2	35.3	24.0	On
EW-4009	0.9	0.9	1,165	-22.2	45.1	24.0	On
EW-4010	2.3	2.4	3,358	0.2	48.5	24.0	On
EW-4011	2.3	2.3	3,258	-25.8	48.4	24.0	On
EW-5001	2.0	2.0	2,806	-22.1	---	24.0	On
EW-5002	0.0	0.0	0	4.2	21.9	0.0	Off
EW Totals	**146.8**		**211,219**				

	Value	Total (KGal)	Peak Flow
FIT-100	146 GPM	210.4	153 GPM
FIT-500	201 GPM	156.3	237 GPM
Effluent Temp	98.1 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

April 20, 2016 12AM to April 21, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	47.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 20, 2016 12AM to April 21, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	69.3
Permeate Flow	FIT-642	0 GPM	50.2
Concentrate Flow	FIT-643	0 GPM	17.9

Inlet Conductivity	CIT-630	853.0 µS
Outlet Conductivity	CIT-642	23.7 µS
Hours Run		11.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	98.7 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 21, 2016 12AM to April 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	3.2	2,351	1.8	40.0	23.9	On
EW-2002	0.7	4.4	954	5.6	39.3	23.9	On
EW-2003	1.1	4.9	1,577	4.7	34.7	23.9	On
EW-2004	0.5	0.7	667	7.1	31.3	23.6	On
EW-2005	0.4	0.6	491	6.9	29.1	23.1	On
EW-2006	0.9	2.9	1,275	5.7	26.7	23.9	On
EW-2007	1.5	4.6	2,177	7.5	24.2	23.9	On
EW-2008	0.4	2.7	674	2.5	22.9	23.9	On
EW-2009	1.0	2.6	1,488	3.3	23.2	23.9	On
EW-2010	0.3	0.7	246	6.6	22.3	13.9	On
EW-2011	0.3	0.7	291	9.3	20.8	15.8	On
EW-2012	0.3	0.4	158	12.2	14.9	9.3	On
EW-2013	0.3	0.5	235	18.4	15.0	12.8	On
EW-2014	0.8	5.0	1,217	12.9	18.0	23.9	On
EW-2015	0.4	0.7	468	12.3	14.5	20.3	On
EW-2016	0.5	0.7	675	11.0	---	22.2	On
EW-2017	1.2	4.5	1,686	12.1	---	23.9	On
EW-2018	0.5	3.7	778	11.0	---	23.9	On
EW-2019	0.3	0.5	157	11.8	---	8.4	On
EW-2020	0.0	0.4	270	11.9	---	14.9	Off
EW-2021	0.3	0.5	236	11.1	---	11.8	On
EW-2022	0.0	0.6	370	12.2	---	17.4	Off
EW-2023	0.0	0.6	394	11.1	---	16.2	Off
EW-2024	0.0	0.6	238	11.9	---	12.0	Off
EW-2025	0.7	4.0	1,034	10.8	---	23.9	On
EW-2026	0.6	3.7	819	9.4	---	23.9	On
EW-2027	0.7	4.4	976	8.3	---	23.9	On
EW-2028	0.7	4.1	933	8.8	---	23.9	On
EW-2029	0.7	4.6	982	7.3	---	23.9	On
EW-2030	1.3	7.1	1,812	10.1	---	23.9	On
EW-2031	1.2	7.3	1,767	10.8	---	23.9	On
EW-2032	0.4	2.7	594	9.1	---	23.9	On
EW-2033	0.4	2.4	560	10.1	---	23.9	On
EW-2034	0.7	3.7	950	8.0	29.1	23.9	On
EW-2035	1.0	2.7	1,459	6.5	21.3	23.9	On
EW-2036	0.5	4.0	728	13.2	29.0	23.9	On
EW-2037	0.6	5.1	910	3.8	33.0	23.9	On
EW-2101	18.3	21.5	26,458	11.4	71.7	23.9	On
EW-2102	16.7	17.7	24,126	14.6	72.4	23.9	On
EW-2103	0.0	40.6	182	17.0	33.8	0.2	Off
EW-2104	44.3	46.0	61,423	11.4	52.7	23.9	On
EW-3001	0.0	0.0	0	1.8	14.8	0.0	Off
EW-3002	0.4	0.6	634	2.8	13.6	23.9	On
EW-3003	0.0	0.0	0	4.3	13.7	0.0	Off

Daily Log

April 21, 2016 12AM to April 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.8	2.7	879	-0.4	---	23.9	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	4.2	1,347	-1.2	---	23.9	On
EW-3008	0.4	0.5	523	-0.6	---	23.9	On
EW-3009	3.1	6.0	4,296	-1.7	---	23.9	On
EW-3010	1.0	5.3	1,346	-2.4	---	23.9	On
EW-3011	0.0	0.5	3	-0.2	27.8	0.1	Off
EW-3012	0.6	0.8	767	-3.9	33.9	23.9	On
EW-3013	0.9	4.6	1,337	-6.5	43.9	23.9	On
EW-3014	0.0	0.5	231	-8.3	51.2	13.3	Off
EW-3015	1.0	3.7	1,452	-6.3	60.1	23.9	On
EW-3016	0.8	1.9	1,158	-6.8	67.3	23.9	On
EW-3017	0.0	0.8	187	-6.1	70.0	9.7	Off
EW-3018	0.0	0.6	96	-9.0	70.0	5.3	Off
EW-3019	0.7	1.5	1,068	0.2	70.3	23.9	On
EW-3020	3.2	5.5	4,611	-1.8	39.6	23.9	On
EW-3021	0.3	0.7	310	-0.1	25.4	16.0	On
EW-3022	0.6	3.4	657	-2.3	30.0	23.9	On
EW-3023	2.7	4.9	3,794	-6.4	32.1	23.9	On
EW-3024	0.4	0.6	498	0.8	---	21.6	On
EW-3025	0.0	3.6	2,191	2.1	31.2	15.2	Off
EW-3026	3.4	4.1	4,510	-8.2	33.1	23.9	On
EW-3027	0.0	0.7	160	0.2	---	8.8	On
EW-4001	1.9	2.6	2,898	-1.9	29.4	23.9	On
EW-4002	2.0	6.4	2,926	-46.9	15.0	23.9	On
EW-4003	2.0	2.2	2,836	-25.6	---	23.9	On
EW-4004	1.6	1.8	2,324	-12.3	17.0	23.9	On
EW-4005	1.9	2.2	2,784	-16.9	---	23.9	On
EW-4006	1.3	5.5	1,908	-51.1	28.4	23.9	On
EW-4007	1.0	1.2	1,468	-4.9	31.5	23.9	On
EW-4008	1.9	2.9	2,861	-7.1	34.1	23.9	On
EW-4009	0.9	0.9	1,170	-22.1	44.8	23.9	On
EW-4010	2.1	2.6	3,215	0.1	43.7	23.9	On
EW-4011	2.0	2.6	3,121	-22.7	43.6	23.9	On
EW-5001	2.0	2.2	2,819	-22.3	---	23.9	On
EW-5002	0.0	2.8	20	4.1	21.6	0.2	Off
EW Totals	**144.2**		**207,183**				

	Value	Total (KGal)	Peak Flow
FIT-100	144 GPM	206.4	186 GPM
FIT-500	0 GPM	154.1	236 GPM
Effluent Temp	96.6 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

April 21, 2016 12AM to April 22, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	35 GPM	0.0
RC-7003	FIT-665	35 GPM	46.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 21, 2016 12AM to April 22, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	66.3
Permeate Flow	FIT-642	0 GPM	48.0
Concentrate Flow	FIT-643	0 GPM	17.2

Inlet Conductivity	CIT-630	917.3 µS
Outlet Conductivity	CIT-642	147.9 µS
Hours Run		11.4 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 22, 2016 12AM to April 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.8	2,340	1.7	40.4	24.0	On
EW-2002	0.7	0.8	958	5.6	39.7	24.0	On
EW-2003	1.1	1.2	1,573	4.8	35.0	24.0	On
EW-2004	0.5	0.6	662	7.1	31.5	23.9	On
EW-2005	0.4	0.5	497	7.0	29.4	23.4	On
EW-2006	0.9	1.1	1,296	5.8	26.9	24.0	On
EW-2007	1.5	1.7	2,188	7.6	24.3	24.0	On
EW-2008	0.5	0.7	672	2.4	22.5	24.0	On
EW-2009	1.0	1.1	1,491	3.2	22.9	24.0	On
EW-2010	0.0	0.5	249	5.4	21.8	14.0	Off
EW-2011	0.0	0.5	293	8.4	20.4	15.8	Off
EW-2012	0.0	0.3	157	12.3	14.6	9.3	Off
EW-2013	0.0	0.5	236	17.9	14.6	12.5	Off
EW-2014	0.9	1.0	1,213	12.9	18.2	24.0	On
EW-2015	0.5	0.5	467	12.6	14.6	20.0	On
EW-2016	0.6	0.6	673	11.4	---	22.0	On
EW-2017	1.2	1.2	1,683	12.1	---	24.0	On
EW-2018	0.6	0.9	773	10.9	---	24.0	On
EW-2019	0.0	0.5	156	11.9	---	8.4	Off
EW-2020	0.0	0.4	272	10.7	---	15.0	Off
EW-2021	0.4	0.5	231	11.3	---	11.4	On
EW-2022	0.5	0.5	369	11.1	---	17.0	On
EW-2023	0.4	0.5	390	11.8	---	16.1	On
EW-2024	0.0	0.5	241	10.0	---	12.1	Off
EW-2025	0.7	1.0	1,031	10.8	---	24.0	On
EW-2026	0.6	0.8	816	9.4	---	24.0	On
EW-2027	0.7	1.0	974	8.3	---	24.0	On
EW-2028	0.7	1.0	928	8.8	---	24.0	On
EW-2029	0.7	1.0	978	7.3	---	24.0	On
EW-2030	1.3	1.4	1,804	10.1	---	24.0	On
EW-2031	1.2	1.4	1,757	10.8	---	24.0	On
EW-2032	0.4	0.7	595	9.1	---	24.0	On
EW-2033	0.4	0.7	558	10.0	---	24.0	On
EW-2034	0.7	1.2	948	8.1	29.8	24.0	On
EW-2035	1.0	1.1	1,461	6.6	21.5	24.0	On
EW-2036	0.5	0.5	724	13.3	29.2	24.0	On
EW-2037	0.6	0.8	907	3.8	33.3	24.0	On
EW-2101	18.9	24.1	26,690	11.3	73.6	24.0	On
EW-2102	16.3	22.0	23,727	14.6	73.6	24.0	On
EW-2103	0.0	0.0	0	16.9	33.7	0.0	Off
EW-2104	44.5	44.9	64,017	11.3	53.4	24.0	On
EW-3001	0.0	0.0	0	1.8	14.5	0.0	Off
EW-3002	0.5	0.5	636	2.7	13.5	24.0	On
EW-3003	0.0	0.0	0	4.3	13.7	0.0	Off

Daily Log

April 22, 2016 12AM to April 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.8	0.9	1,021	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,408	-1.2	---	24.0	On
EW-3008	0.4	0.5	530	-0.6	---	24.0	On
EW-3009	3.1	3.2	4,497	-1.7	---	24.0	On
EW-3010	1.0	1.1	1,362	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	28.5	0.0	Off
EW-3012	0.6	0.8	766	-3.6	34.8	24.0	On
EW-3013	1.0	1.7	1,344	-6.5	45.1	24.0	On
EW-3014	0.0	0.8	231	-8.0	52.4	13.3	Off
EW-3015	1.0	2.7	1,452	-6.2	61.3	24.0	On
EW-3016	0.8	2.0	1,155	-6.8	68.7	24.0	On
EW-3017	0.0	1.0	186	-6.3	72.1	9.7	Off
EW-3018	0.4	0.6	96	-9.3	71.9	5.3	On
EW-3019	0.7	1.5	1,107	0.2	72.4	24.0	On
EW-3020	3.2	3.3	4,590	-1.9	40.0	24.0	On
EW-3021	0.4	0.4	474	-0.3	25.7	22.5	On
EW-3022	0.6	0.6	794	-2.4	30.4	24.0	On
EW-3023	2.6	3.2	3,814	-6.2	33.0	24.0	On
EW-3024	0.0	0.6	524	0.9	---	22.0	Off
EW-3025	0.0	0.0	0	2.1	0.9	0.1	Off
EW-3026	3.4	3.4	4,909	-8.2	33.5	24.0	On
EW-3027	0.3	0.7	435	0.3	---	24.0	On
EW-4001	1.9	2.0	2,727	-1.7	29.5	24.0	On
EW-4002	2.0	2.2	2,923	-47.1	14.7	24.0	On
EW-4003	2.0	2.1	2,821	-25.5	---	24.0	On
EW-4004	1.6	1.8	2,249	-12.3	17.1	24.0	On
EW-4005	2.0	2.0	2,769	-16.8	---	24.0	On
EW-4006	1.3	1.4	1,904	-51.0	28.7	24.0	On
EW-4007	1.0	1.1	1,443	-4.7	31.9	24.0	On
EW-4008	2.0	2.1	2,825	-7.2	34.6	24.0	On
EW-4009	0.9	1.2	1,159	-22.1	45.9	24.0	On
EW-4010	2.1	2.1	2,951	0.3	43.7	24.0	On
EW-4011	2.1	2.1	2,934	-22.9	43.8	24.0	On
EW-5001	2.0	2.1	2,806	-22.3	---	24.0	On
EW-5002	0.0	0.0	0	4.0	21.8	0.0	Off
EW Totals	**145.2**		**207,837**				

	Value	Total (KGal)	Peak Flow
FIT-100	144 GPM	207.0	150 GPM
FIT-500	198 GPM	149.8	237 GPM
Effluent Temp	96.8 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

April 22, 2016 12AM to April 23, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	36 GPM	0.0
RC-7003	FIT-665	35 GPM	47.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 22, 2016 12AM to April 23, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	69.3
Permeate Flow	FIT-642	0 GPM	50.1
Concentrate Flow	FIT-643	0 GPM	18.1

Inlet Conductivity	CIT-630	874.4 µS
Outlet Conductivity	CIT-642	92.3 µS
Hours Run		12.2 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 23, 2016 12AM to April 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.7	2,333	1.8	40.3	24.0	On
EW-2002	0.7	0.8	957	5.5	39.6	24.0	On
EW-2003	1.1	1.3	1,558	4.7	34.9	24.0	On
EW-2004	0.5	0.6	661	6.9	31.4	23.9	On
EW-2005	0.4	0.4	488	7.1	29.3	23.2	On
EW-2006	0.9	1.0	1,289	5.7	26.8	24.0	On
EW-2007	1.5	1.6	2,164	7.6	24.2	24.0	On
EW-2008	0.5	0.7	669	2.4	22.5	24.0	On
EW-2009	1.0	1.1	1,482	3.2	22.7	24.0	On
EW-2010	0.0	0.5	246	6.3	21.8	13.7	Off
EW-2011	0.0	0.4	289	9.4	20.4	15.6	Off
EW-2012	0.0	0.3	155	13.0	14.7	9.2	On
EW-2013	0.0	0.5	235	17.7	14.7	12.5	Off
EW-2014	0.8	1.0	1,208	12.9	18.3	24.0	On
EW-2015	0.3	0.5	465	13.6	14.7	20.0	On
EW-2016	0.5	0.6	670	10.8	---	22.1	On
EW-2017	1.2	1.2	1,677	12.0	---	24.0	On
EW-2018	0.5	0.9	764	11.0	---	24.0	On
EW-2019	0.0	0.5	154	12.1	---	8.0	Off
EW-2020	0.3	0.4	271	10.7	---	14.9	On
EW-2021	0.3	0.5	229	11.3	---	11.4	On
EW-2022	0.0	0.5	367	12.8	---	16.5	Off
EW-2023	0.4	0.5	388	13.0	---	15.9	On
EW-2024	0.0	0.5	236	11.7	---	11.6	Off
EW-2025	0.7	1.0	1,027	10.8	---	24.0	On
EW-2026	0.6	0.8	815	9.4	---	24.0	On
EW-2027	0.7	1.0	970	8.3	---	24.0	On
EW-2028	0.6	1.0	924	8.8	---	24.0	On
EW-2029	0.7	1.0	976	7.3	---	24.0	On
EW-2030	1.3	1.5	1,794	10.1	---	24.0	On
EW-2031	1.2	1.4	1,747	10.8	---	24.0	On
EW-2032	0.4	0.7	594	9.1	---	24.0	On
EW-2033	0.4	0.7	553	10.0	---	24.0	On
EW-2034	0.7	0.7	947	8.0	29.7	24.0	On
EW-2035	1.0	1.0	1,455	6.5	21.3	24.0	On
EW-2036	0.5	2.3	720	13.2	29.5	24.0	On
EW-2037	0.6	0.8	903	3.8	33.4	24.0	On
EW-2101	18.6	19.0	26,978	11.3	73.8	24.0	On
EW-2102	16.1	16.5	23,302	14.6	73.4	24.0	On
EW-2103	0.0	0.0	0	16.9	34.1	0.0	Off
EW-2104	44.5	44.9	63,966	11.3	54.0	24.0	On
EW-3001	0.0	0.0	0	1.8	14.7	0.0	Off
EW-3002	0.5	0.5	630	2.7	13.6	24.0	On
EW-3003	0.0	0.0	0	4.3	13.8	0.0	Off

Daily Log

April 23, 2016 12AM to April 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.8	0.9	1,039	-0.5	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,392	-1.2	---	24.0	On
EW-3008	0.4	0.5	525	-0.7	---	24.0	On
EW-3009	3.1	3.2	4,477	-1.8	---	24.0	On
EW-3010	0.9	1.1	1,345	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	28.6	0.0	Off
EW-3012	0.5	0.6	768	-3.6	34.7	24.0	On
EW-3013	0.9	1.1	1,347	-6.4	45.1	24.0	On
EW-3014	0.3	0.4	232	-8.2	52.5	13.4	On
EW-3015	1.0	1.2	1,450	-6.0	61.5	24.0	On
EW-3016	0.8	0.9	1,153	-6.7	68.8	24.0	On
EW-3017	0.0	0.7	186	-7.3	72.2	9.8	Off
EW-3018	0.4	0.6	95	-9.5	72.2	5.4	On
EW-3019	0.7	1.0	1,067	0.6	72.8	24.0	On
EW-3020	3.2	3.2	4,580	-1.9	39.9	24.0	On
EW-3021	0.0	0.4	475	0.7	25.5	22.4	Off
EW-3022	0.6	0.7	788	-2.6	30.3	24.0	On
EW-3023	2.6	2.7	3,771	-6.2	33.4	24.0	On
EW-3024	0.3	0.6	524	1.7	---	21.8	On
EW-3025	0.0	0.0	0	2.0	0.7	0.0	Off
EW-3026	3.5	3.8	4,975	-8.6	33.5	24.0	On
EW-3027	0.3	0.7	435	0.2	---	24.0	On
EW-4001	2.1	2.2	2,839	-2.2	29.9	24.0	On
EW-4002	2.0	2.2	2,913	-47.1	14.8	24.0	On
EW-4003	2.0	2.0	2,825	-26.2	---	24.0	On
EW-4004	1.6	1.7	2,267	-12.9	17.2	24.0	On
EW-4005	2.0	2.0	2,773	-17.2	---	24.0	On
EW-4006	1.3	1.4	1,894	-51.2	28.6	24.0	On
EW-4007	1.1	1.1	1,438	-5.0	31.8	24.0	On
EW-4008	2.0	2.2	2,836	-7.3	34.7	24.0	On
EW-4009	0.8	0.9	1,178	-23.2	45.9	24.0	On
EW-4010	2.1	2.1	2,948	0.2	44.0	24.0	On
EW-4011	2.1	2.1	2,939	-23.3	44.0	24.0	On
EW-5001	2.0	2.0	2,815	-22.6	---	24.0	On
EW-5002	0.0	0.0	0	4.0	21.7	0.0	Off
EW Totals	**143.9**		**207,547**				

	Value	Total (KGal)	Peak Flow
FIT-100	143 GPM	206.7	150 GPM
FIT-500	201 GPM	156.1	236 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

April 23, 2016 12AM to April 24, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	47.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 23, 2016 12AM to April 24, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	69.9
Permeate Flow	FIT-642	0 GPM	50.5
Concentrate Flow	FIT-643	0 GPM	18.1

Inlet Conductivity	CIT-630	890.1 µS
Outlet Conductivity	CIT-642	142.4 µS
Hours Run		11.9 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 24, 2016 12AM to April 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.7	2,335	1.7	40.4	24.0	On
EW-2002	0.7	0.8	953	5.5	39.8	24.0	On
EW-2003	1.1	1.2	1,548	4.8	35.1	24.0	On
EW-2004	0.5	0.6	655	6.9	31.6	23.8	On
EW-2005	0.4	0.4	475	7.6	29.4	22.8	On
EW-2006	0.9	1.0	1,274	5.9	26.9	24.0	On
EW-2007	1.5	1.6	2,152	7.6	24.2	24.0	On
EW-2008	0.5	0.6	669	2.4	22.6	24.0	On
EW-2009	1.0	1.1	1,476	3.2	22.8	24.0	On
EW-2010	0.0	0.5	246	5.8	21.8	14.0	Off
EW-2011	0.0	0.4	290	8.9	20.3	15.8	Off
EW-2012	0.3	0.3	157	12.0	15.1	9.3	On
EW-2013	0.0	0.5	235	17.8	15.1	13.0	Off
EW-2014	0.8	1.0	1,210	12.9	18.5	24.0	On
EW-2015	0.5	0.5	464	12.9	14.9	20.4	On
EW-2016	0.6	0.6	667	10.4	---	22.0	On
EW-2017	1.2	1.2	1,685	12.2	---	24.0	On
EW-2018	0.5	0.9	766	10.9	---	24.0	On
EW-2019	0.4	0.5	155	11.3	---	8.1	On
EW-2020	0.0	0.3	270	11.8	---	14.8	Off
EW-2021	0.4	0.4	228	12.6	---	11.8	On
EW-2022	0.5	0.5	367	11.8	---	16.1	On
EW-2023	0.4	0.5	391	11.2	---	15.9	On
EW-2024	0.4	0.5	238	10.4	---	11.5	On
EW-2025	0.7	1.0	1,026	10.8	---	24.0	On
EW-2026	0.6	0.8	813	9.4	---	24.0	On
EW-2027	0.7	1.0	970	8.3	---	24.0	On
EW-2028	0.7	1.0	923	8.8	---	24.0	On
EW-2029	0.7	1.0	975	7.3	---	24.0	On
EW-2030	1.2	1.4	1,803	10.1	---	24.0	On
EW-2031	1.2	1.4	1,745	10.8	---	24.0	On
EW-2032	0.4	0.7	595	9.1	---	24.0	On
EW-2033	0.4	0.7	554	10.0	---	24.0	On
EW-2034	0.7	0.7	939	8.2	29.8	24.0	On
EW-2035	1.0	1.0	1,455	6.6	21.3	24.0	On
EW-2036	0.5	0.5	717	13.3	29.8	24.0	On
EW-2037	0.6	0.8	901	3.8	33.7	24.0	On
EW-2101	18.3	18.8	26,691	11.3	73.9	24.0	On
EW-2102	15.9	16.2	22,952	14.6	73.2	24.0	On
EW-2103	0.0	0.0	0	16.9	34.3	0.0	Off
EW-2104	44.3	44.8	63,964	11.3	54.1	24.0	On
EW-3001	0.0	0.0	0	1.8	15.0	0.0	Off
EW-3002	0.5	0.6	641	2.7	13.9	24.0	On
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

April 24, 2016 12AM to April 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.8	0.9	1,058	-0.4	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.1	1.1	1,373	-1.2	---	24.0	On
EW-3008	0.4	0.5	535	-0.6	---	24.0	On
EW-3009	3.1	3.1	4,484	-1.7	---	24.0	On
EW-3010	1.0	1.1	1,343	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.0	28.7	0.0	Off
EW-3012	0.5	0.6	779	-3.3	34.7	24.0	On
EW-3013	0.9	1.1	1,346	-6.2	45.1	24.0	On
EW-3014	0.4	0.4	231	-8.2	52.4	13.3	On
EW-3015	1.0	1.2	1,445	-5.9	61.2	24.0	On
EW-3016	0.8	0.9	1,150	-6.8	68.5	24.0	On
EW-3017	0.3	0.7	182	-5.1	72.5	9.6	On
EW-3018	0.0	0.6	95	-9.7	72.2	5.3	Off
EW-3019	0.7	0.9	1,018	0.5	72.8	24.0	On
EW-3020	3.2	3.2	4,576	-1.9	40.1	24.0	On
EW-3021	0.4	0.4	435	0.1	26.1	21.0	On
EW-3022	0.6	0.7	777	-2.4	30.9	24.0	On
EW-3023	2.5	2.7	3,707	-6.3	33.6	24.0	On
EW-3024	0.5	0.6	497	0.9	---	21.5	On
EW-3025	0.0	0.0	0	2.0	0.6	0.0	Off
EW-3026	3.5	3.5	5,023	-8.5	34.0	24.0	On
EW-3027	0.4	0.7	435	0.3	---	24.0	On
EW-4001	2.1	2.1	2,998	-2.2	30.1	24.0	On
EW-4002	2.0	2.2	2,898	-47.2	15.2	24.0	On
EW-4003	2.0	2.0	2,853	-26.1	---	24.0	On
EW-4004	1.6	1.7	2,286	-12.8	17.1	24.0	On
EW-4005	2.0	2.0	2,790	-17.2	---	24.0	On
EW-4006	1.4	1.4	1,884	-51.1	29.2	24.0	On
EW-4007	1.0	1.1	1,467	-4.9	32.4	24.0	On
EW-4008	2.0	2.1	2,843	-7.3	34.9	24.0	On
EW-4009	0.8	0.9	1,199	-23.3	45.9	24.0	On
EW-4010	2.1	2.1	2,950	0.1	44.2	24.0	On
EW-4011	2.1	2.1	2,944	-23.3	44.2	24.0	On
EW-5001	2.0	2.0	2,832	-22.6	---	24.0	On
EW-5002	0.0	0.0	0	3.9	21.7	0.0	Off
EW Totals	**145.6**		**207,005**				

	Value	Total (KGal)	Peak Flow
FIT-100	145 GPM	206.1	150 GPM
FIT-500	203 GPM	152.6	240 GPM
Effluent Temp	97.9 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

April 24, 2016 12AM to April 25, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	36 GPM	0.0
RC-7003	FIT-665	36 GPM	48.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 24, 2016 12AM to April 25, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	94 GPM	68.5
Permeate Flow	FIT-642	69 GPM	49.7
Concentrate Flow	FIT-643	23 GPM	17.6

Inlet Conductivity	CIT-630	840.6 µS
Outlet Conductivity	CIT-642	24.0 µS
Hours Run		11.8 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	98.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 25, 2016 12AM to April 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	3.5	2,328	1.5	40.0	23.7	On
EW-2002	0.6	4.5	948	5.6	39.4	23.7	On
EW-2003	1.1	4.8	1,549	4.7	34.6	23.7	On
EW-2004	0.4	0.6	616	7.3	31.2	22.4	On
EW-2005	0.3	0.5	476	7.1	29.0	21.7	On
EW-2006	0.8	3.2	1,259	5.8	26.8	23.7	On
EW-2007	1.5	4.6	2,150	7.6	24.3	23.7	On
EW-2008	0.5	2.7	664	2.6	23.3	23.7	On
EW-2009	1.0	2.6	1,464	3.4	23.5	23.7	On
EW-2010	0.3	0.7	245	5.4	22.6	13.5	On
EW-2011	0.3	0.7	289	8.3	21.1	15.4	On
EW-2012	0.0	0.4	155	13.0	18.1	9.2	On
EW-2013	0.3	0.6	236	17.2	18.1	13.0	On
EW-2014	0.8	5.3	1,198	13.1	31.0	23.8	On
EW-2015	0.3	0.8	463	13.9	21.1	20.7	On
EW-2016	0.4	0.7	663	10.4	---	22.2	On
EW-2017	1.1	4.6	1,669	12.3	---	23.8	On
EW-2018	0.5	7.3	763	11.3	---	23.8	On
EW-2019	0.3	0.6	154	11.9	---	8.3	On
EW-2020	0.3	0.5	269	10.2	---	14.8	On
EW-2021	0.3	0.5	228	11.4	---	11.7	On
EW-2022	0.3	0.6	365	11.3	---	17.1	On
EW-2023	0.4	0.6	384	11.6	---	15.6	On
EW-2024	0.0	0.6	235	11.1	---	11.9	Off
EW-2025	0.6	7.1	1,013	11.2	---	23.7	On
EW-2026	0.6	7.3	804	9.8	---	23.8	On
EW-2027	0.7	7.4	960	8.7	---	23.8	On
EW-2028	0.6	7.2	919	9.2	---	23.8	On
EW-2029	0.7	7.3	965	7.7	---	23.8	On
EW-2030	1.2	7.4	1,782	10.4	---	23.8	On
EW-2031	1.1	7.7	1,720	11.1	---	23.8	On
EW-2032	0.4	6.4	592	9.5	---	23.8	On
EW-2033	0.3	3.9	556	10.3	---	23.8	On
EW-2034	0.6	3.9	937	8.1	29.8	23.8	On
EW-2035	1.0	2.8	1,445	6.5	21.1	23.8	On
EW-2036	0.5	3.8	714	13.4	55.2	23.7	On
EW-2037	0.6	4.7	890	3.9	63.9	23.7	On
EW-2101	18.5	25.5	26,316	11.2	73.2	23.7	On
EW-2102	15.7	21.1	22,605	14.6	72.3	23.6	On
EW-2103	39.9	41.4	33,956	14.6	94.4	14.2	On
EW-2104	39.0	44.8	58,624	11.6	88.6	23.7	On
EW-3001	0.0	0.0	0	1.8	18.0	0.0	Off
EW-3002	0.3	0.6	616	2.8	16.9	23.7	On
EW-3003	0.0	0.0	0	4.3	17.0	0.0	Off

Daily Log

April 25, 2016 12AM to April 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	2	1.3	---	0.1	Off
EW-3005	0.4	5.5	904	-0.2	---	23.7	On
EW-3006	0.0	0.5	1	1.4	---	0.0	Off
EW-3007	0.8	5.7	1,311	-1.0	---	23.7	On
EW-3008	0.2	0.6	490	-0.5	---	23.7	On
EW-3009	2.9	6.8	4,320	-1.7	---	23.7	On
EW-3010	0.8	6.0	1,293	-2.1	---	23.7	On
EW-3011	0.0	0.5	7	-0.4	28.6	0.3	Off
EW-3012	0.5	0.9	763	-3.6	34.5	23.7	On
EW-3013	0.9	4.7	1,333	-6.2	44.7	23.7	On
EW-3014	0.0	0.8	231	-8.7	51.7	13.1	Off
EW-3015	0.9	3.8	1,434	-6.0	60.5	23.7	On
EW-3016	0.8	1.9	1,143	-6.7	67.7	23.7	On
EW-3017	0.0	1.1	185	-6.2	71.8	9.6	Off
EW-3018	0.3	0.6	94	-9.2	71.6	5.3	On
EW-3019	0.7	1.6	980	1.0	72.0	23.7	On
EW-3020	3.2	5.4	4,566	-2.1	39.7	23.7	On
EW-3021	0.3	0.5	306	-0.2	46.4	15.6	On
EW-3022	0.4	4.2	674	-2.3	54.3	23.7	On
EW-3023	2.5	4.0	3,663	-6.4	33.7	23.7	On
EW-3024	0.3	0.6	468	1.4	---	21.0	On
EW-3025	2.6	5.1	2,216	-4.5	57.0	13.7	On
EW-3026	3.0	3.5	4,558	-7.5	58.0	23.7	On
EW-3027	0.0	0.8	213	0.1	---	11.9	Off
EW-4001	2.1	2.2	2,952	-2.6	55.6	23.6	On
EW-4002	2.0	6.4	2,879	-46.8	18.3	23.6	On
EW-4003	2.1	2.2	2,907	-28.6	---	23.6	On
EW-4004	1.7	1.8	2,347	-14.4	17.2	23.6	On
EW-4005	2.1	2.2	2,893	-19.3	---	23.6	On
EW-4006	1.3	3.7	1,861	-50.9	51.3	23.6	On
EW-4007	1.0	1.1	1,476	-5.5	55.6	23.6	On
EW-4008	2.1	2.2	2,882	-8.3	76.5	23.6	On
EW-4009	0.8	1.2	1,186	-24.2	45.5	23.6	On
EW-4010	2.2	2.3	2,993	-0.4	75.6	23.6	On
EW-4011	2.1	2.4	3,031	-24.9	75.7	23.6	On
EW-5001	2.1	2.2	2,905	-24.7	---	23.6	On
EW-5002	0.0	0.0	0	3.7	21.5	0.0	Off
EW Totals	**178.6**		**235,650**				

	Value	Total (KGal)	Peak Flow
FIT-100	177 GPM	234.0	199 GPM
FIT-500	190 GPM	170.1	240 GPM
Effluent Temp	93.9 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

April 25, 2016 12AM to April 26, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	37 GPM	47.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 25, 2016 12AM to April 26, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	70.9
Permeate Flow	FIT-642	0 GPM	51.1
Concentrate Flow	FIT-643	0 GPM	18.6

Inlet Conductivity	CIT-630	803.8 µS
Outlet Conductivity	CIT-642	18.0 µS
Hours Run		11.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 26, 2016 12AM to April 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	4.0	2,269	1.7	38.9	22.9	On
EW-2002	0.6	4.5	917	5.7	38.2	22.9	On
EW-2003	1.1	4.9	1,521	4.8	33.5	22.9	On
EW-2004	0.4	0.7	608	7.5	30.1	22.6	On
EW-2005	0.3	0.6	456	7.6	28.0	22.5	On
EW-2006	0.9	3.5	1,249	5.9	25.8	22.9	On
EW-2007	1.5	4.6	2,083	7.7	23.3	22.9	On
EW-2008	0.5	3.0	655	2.6	22.5	22.9	On
EW-2009	1.0	2.6	1,409	3.4	22.7	22.8	On
EW-2010	0.3	0.7	240	5.7	21.8	13.7	On
EW-2011	0.3	0.7	282	8.5	20.3	15.4	On
EW-2012	0.3	0.4	155	12.2	14.5	9.2	On
EW-2013	0.0	0.6	228	17.7	14.5	12.6	Off
EW-2014	0.8	5.4	1,144	13.2	18.4	22.9	On
EW-2015	0.3	0.7	466	12.0	14.5	21.9	On
EW-2016	0.5	0.6	678	10.3	---	22.7	On
EW-2017	1.2	4.6	1,621	12.3	---	22.9	On
EW-2018	0.5	7.6	737	11.3	---	22.9	On
EW-2019	0.0	0.5	156	11.3	---	8.8	Off
EW-2020	0.0	0.4	263	10.4	---	14.8	Off
EW-2021	0.3	0.5	224	12.3	---	12.1	On
EW-2022	0.3	0.6	373	11.3	---	19.3	On
EW-2023	0.0	0.5	380	12.2	---	16.0	Off
EW-2024	0.0	0.5	231	11.9	---	12.7	Off
EW-2025	0.7	7.3	979	11.2	---	22.8	On
EW-2026	0.6	7.4	782	9.8	---	22.9	On
EW-2027	0.7	7.5	929	8.7	---	22.9	On
EW-2028	0.6	7.3	888	9.2	---	22.9	On
EW-2029	0.7	7.4	936	7.7	---	22.9	On
EW-2030	1.2	7.4	1,708	10.4	---	22.9	On
EW-2031	1.1	7.6	1,650	11.1	---	22.9	On
EW-2032	0.4	6.9	573	9.5	---	22.9	On
EW-2033	0.4	4.0	542	10.4	---	22.9	On
EW-2034	0.6	3.4	917	8.1	29.0	22.9	On
EW-2035	1.0	2.7	1,390	6.5	20.4	22.9	On
EW-2036	0.5	4.0	693	13.4	30.0	22.9	On
EW-2037	0.6	4.9	860	4.0	34.8	22.9	On
EW-2101	18.3	21.1	25,464	11.2	73.4	22.9	On
EW-2102	15.4	16.9	21,483	14.6	72.1	22.9	On
EW-2103	0.0	44.3	27,952	16.3	34.5	12.5	Off
EW-2104	44.5	44.7	56,579	11.3	54.0	22.6	On
EW-3001	0.0	0.0	0	1.8	14.4	0.0	Off
EW-3002	0.4	0.6	550	2.8	13.3	22.7	On
EW-3003	0.0	0.0	0	4.3	13.4	0.0	Off

Daily Log

April 26, 2016 12AM to April 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	6	1.2	---	0.4	Off
EW-3005	0.4	6.7	757	-0.3	---	22.7	On
EW-3006	0.0	0.5	4	1.4	---	0.2	Off
EW-3007	0.9	6.0	1,281	-1.0	---	22.7	On
EW-3008	0.2	0.5	414	-0.5	---	22.7	On
EW-3009	3.0	6.9	4,196	-1.7	---	22.7	On
EW-3010	0.9	6.2	1,276	-2.1	---	22.7	On
EW-3011	0.0	0.5	11	-0.5	27.8	0.6	Off
EW-3012	0.4	0.8	698	-3.4	33.8	22.7	On
EW-3013	0.8	4.9	1,289	-6.2	44.0	22.7	On
EW-3014	0.3	0.5	227	-8.3	51.4	12.9	On
EW-3015	0.9	4.1	1,388	-5.9	60.3	22.7	On
EW-3016	0.7	2.0	1,112	-6.7	67.7	22.7	On
EW-3017	0.3	0.9	180	-5.5	72.1	9.3	On
EW-3018	0.4	0.6	95	-9.6	71.9	5.2	On
EW-3019	0.7	1.9	977	0.3	72.8	22.7	On
EW-3020	3.2	6.3	4,468	-1.8	38.5	22.7	On
EW-3021	0.0	0.8	194	1.0	28.4	10.6	Off
EW-3022	0.4	4.2	607	-2.5	36.9	22.7	On
EW-3023	2.6	4.0	3,602	-6.4	33.4	22.7	On
EW-3024	0.3	0.6	435	1.2	---	20.5	On
EW-3025	2.6	4.9	3,637	-4.6	39.8	22.7	On
EW-3026	3.2	3.9	4,267	-8.6	41.1	22.7	On
EW-3027	0.0	0.7	25	0.1	---	1.4	Off
EW-4001	2.1	2.8	2,867	-2.6	30.5	22.6	On
EW-4002	2.0	6.7	2,792	-46.9	14.7	22.6	On
EW-4003	1.9	9.6	2,712	-24.8	---	22.6	On
EW-4004	1.5	1.8	2,220	-12.7	16.3	22.6	On
EW-4005	1.8	2.2	2,689	-15.8	---	22.6	On
EW-4006	1.3	4.6	1,835	-51.0	33.7	22.6	On
EW-4007	1.1	1.2	1,422	-5.3	38.2	22.6	On
EW-4008	2.1	3.1	2,789	-7.8	35.2	22.4	On
EW-4009	0.7	0.9	1,081	-20.7	44.7	22.6	On
EW-4010	2.4	3.0	3,080	-0.4	48.6	22.4	On
EW-4011	2.3	2.7	3,023	-26.4	48.7	22.4	On
EW-5001	1.8	2.2	2,679	-21.7	---	22.6	On
EW-5002	0.0	0.0	0	3.8	20.7	0.0	Off
EW Totals	**143.7**		**223,558**				

	Value	Total (KGal)	Peak Flow
FIT-100	142 GPM	221.9	195 GPM
FIT-500	201 GPM	203.3	241 GPM
Effluent Temp	96.8 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

April 26, 2016 12AM to April 27, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	16.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 26, 2016 12AM to April 27, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	25.1
Permeate Flow	FIT-642	0 GPM	18.0
Concentrate Flow	FIT-643	0 GPM	6.7

Inlet Conductivity	CIT-630	811.4 µS
Outlet Conductivity	CIT-642	91.7 µS
Hours Run		12.4 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	91.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 27, 2016 12AM to April 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,342	1.6	43.5	24.0	On
EW-2002	0.7	1.0	951	5.3	42.7	24.0	On
EW-2003	1.4	1.5	1,579	4.4	36.9	24.0	On
EW-2004	0.6	0.6	596	7.5	32.9	21.6	On
EW-2005	0.5	0.6	456	8.0	30.2	20.8	On
EW-2006	0.9	1.2	1,313	5.6	27.3	24.0	On
EW-2007	1.5	1.8	2,160	7.4	24.2	24.0	On
EW-2008	0.5	0.8	676	2.4	21.7	24.0	On
EW-2009	1.0	1.2	1,473	3.2	21.9	24.0	On
EW-2010	0.1	0.5	245	5.2	21.2	13.0	Off
EW-2011	0.0	0.5	287	8.7	19.9	14.6	Off
EW-2012	0.0	0.6	154	12.6	12.8	9.1	Off
EW-2013	0.0	0.6	235	17.4	12.8	12.6	Off
EW-2014	0.9	1.5	1,202	12.9	12.0	24.0	On
EW-2015	0.5	0.7	496	12.0	11.4	21.8	On
EW-2016	0.6	0.8	724	10.1	---	23.4	On
EW-2017	1.2	1.7	1,738	12.0	---	24.0	On
EW-2018	0.5	1.7	771	10.9	---	24.0	On
EW-2019	0.5	0.6	159	11.8	---	8.0	On
EW-2020	0.0	0.5	272	10.3	---	14.6	Off
EW-2021	0.5	0.6	235	12.4	---	11.7	On
EW-2022	0.5	0.7	385	11.8	---	18.4	On
EW-2023	0.0	0.6	402	11.8	---	16.6	Off
EW-2024	0.5	0.7	240	9.7	---	12.4	On
EW-2025	0.7	1.7	1,038	10.8	---	24.0	On
EW-2026	0.5	1.7	820	9.4	---	24.0	On
EW-2027	0.7	1.7	968	8.3	---	24.0	On
EW-2028	0.7	1.7	931	8.8	---	24.0	On
EW-2029	0.7	1.6	975	7.3	---	24.0	On
EW-2030	1.3	2.1	1,801	10.1	---	24.0	On
EW-2031	1.2	2.0	1,738	10.8	---	24.0	On
EW-2032	0.4	1.4	596	9.1	---	24.0	On
EW-2033	0.4	1.4	562	10.0	---	24.0	On
EW-2034	0.6	1.1	951	7.9	26.0	24.0	On
EW-2035	1.0	1.2	1,449	6.4	20.0	24.0	On
EW-2036	0.5	1.8	719	13.0	17.2	24.0	On
EW-2037	0.6	1.9	882	3.8	20.1	24.0	On
EW-2101	14.2	18.7	19,882	12.4	59.0	24.0	On
EW-2102	14.4	18.2	18,469	14.8	59.4	24.0	On
EW-2103	0.0	0.0	0	16.6	15.3	0.0	Off
EW-2104	10.2	44.7	32,095	13.5	15.9	24.0	On
EW-3001	0.0	0.0	0	1.8	12.8	0.0	Off
EW-3002	0.5	0.7	612	2.8	11.7	24.0	On
EW-3003	0.0	0.0	0	4.3	11.8	0.0	Off

Daily Log

April 27, 2016 12AM to April 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	1.5	679	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.8	1,342	-1.2	---	24.0	On
EW-3008	0.4	0.7	481	-0.6	---	24.0	On
EW-3009	3.2	3.3	4,292	-1.8	---	24.0	On
EW-3010	1.0	1.8	1,364	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.4	24.9	0.0	Off
EW-3012	0.6	0.8	764	-3.5	29.4	24.0	On
EW-3013	0.9	2.5	1,331	-6.5	37.4	24.0	On
EW-3014	0.0	0.8	229	-8.8	43.0	12.6	Off
EW-3015	1.0	3.1	1,433	-6.3	49.7	24.0	On
EW-3016	0.9	2.0	1,150	-6.9	55.5	24.0	On
EW-3017	0.0	1.0	184	-7.4	58.1	8.9	Off
EW-3018	0.0	0.6	94	-9.6	57.8	5.2	Off
EW-3019	0.8	1.6	1,072	1.0	58.5	24.0	On
EW-3020	3.4	3.5	4,663	-2.0	42.8	24.0	On
EW-3021	0.0	0.5	31	1.0	19.5	1.6	Off
EW-3022	0.5	1.1	628	-2.6	28.2	24.0	On
EW-3023	2.8	2.8	3,681	-6.6	31.2	24.0	On
EW-3024	0.5	0.7	419	0.8	---	20.4	On
EW-3025	2.7	3.0	3,710	-4.6	31.0	24.0	On
EW-3026	3.3	3.5	4,621	-8.3	32.5	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	2.2	2.5	3,030	-2.7	17.9	24.0	On
EW-4002	2.0	2.7	2,910	-47.2	13.1	24.0	On
EW-4003	2.2	2.3	2,905	-27.8	---	24.0	On
EW-4004	1.8	1.9	2,374	-14.0	16.1	24.0	On
EW-4005	2.2	2.3	2,887	-18.3	---	24.0	On
EW-4006	1.3	2.1	1,904	-51.2	24.8	24.0	On
EW-4007	1.1	1.2	1,518	-5.5	29.5	24.0	On
EW-4008	2.2	2.7	2,994	-8.1	16.1	24.0	On
EW-4009	0.9	1.2	1,169	-23.0	38.7	24.0	On
EW-4010	2.4	2.6	3,347	-0.6	34.1	24.0	On
EW-4011	2.3	2.6	3,309	-26.4	34.2	24.0	On
EW-5001	2.2	2.3	2,893	-24.4	---	24.0	On
EW-5002	0.0	0.0	0	3.6	20.3	0.0	Off
EW Totals	**109.5**		**166,983**				

	Value	Total (KGal)	Peak Flow
FIT-100	109 GPM	166.1	147 GPM
FIT-500	0 GPM	135.2	237 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

April 27, 2016 12AM to April 28, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	36 GPM	33.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 27, 2016 12AM to April 28, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	46.7
Permeate Flow	FIT-642	0 GPM	33.8
Concentrate Flow	FIT-643	0 GPM	12.1

Inlet Conductivity	CIT-630	909.4 µS
Outlet Conductivity	CIT-642	96.4 µS
Hours Run		4.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 28, 2016 12AM to April 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	4.5	2,084	1.6	40.3	21.0	On
EW-2002	0.6	5.7	849	5.6	39.7	21.0	On
EW-2003	1.1	5.7	1,405	4.7	34.8	20.9	On
EW-2004	0.4	0.8	542	7.1	31.3	19.4	On
EW-2005	0.3	0.7	404	7.2	29.3	18.7	On
EW-2006	0.9	3.3	1,193	5.8	27.0	20.9	On
EW-2007	1.5	4.5	1,895	7.8	24.5	20.9	On
EW-2008	0.5	3.2	610	2.6	23.6	20.9	On
EW-2009	1.0	2.6	1,283	3.4	23.8	20.8	On
EW-2010	0.3	0.7	221	6.3	22.8	12.0	On
EW-2011	0.3	0.7	260	8.9	21.3	13.6	On
EW-2012	0.0	0.5	156	12.4	14.7	9.1	Off
EW-2013	0.3	0.6	234	18.0	14.8	12.5	On
EW-2014	0.8	1.9	1,204	13.2	18.9	24.0	On
EW-2015	0.3	0.7	486	12.8	14.9	21.5	On
EW-2016	0.4	0.8	695	11.4	---	22.9	On
EW-2017	1.2	1.8	1,738	12.3	---	24.0	On
EW-2018	0.5	1.8	766	11.3	---	24.0	On
EW-2019	0.0	0.6	158	11.8	---	8.1	Off
EW-2020	0.3	0.6	269	11.3	---	14.6	On
EW-2021	0.0	0.6	234	12.2	---	11.8	Off
EW-2022	0.3	0.7	378	11.3	---	18.3	On
EW-2023	0.4	0.7	409	11.3	---	16.7	On
EW-2024	0.0	0.7	233	11.1	---	12.3	Off
EW-2025	0.7	1.8	1,032	11.2	---	24.0	On
EW-2026	0.5	1.8	815	9.8	---	24.0	On
EW-2027	0.7	1.8	964	8.7	---	24.0	On
EW-2028	0.6	1.8	929	9.2	---	24.0	On
EW-2029	0.7	1.8	969	7.7	---	24.0	On
EW-2030	1.2	2.2	1,804	10.5	---	24.0	On
EW-2031	1.1	2.1	1,736	11.2	---	24.0	On
EW-2032	0.4	1.6	594	9.5	---	24.0	On
EW-2033	0.4	1.5	559	10.4	---	24.0	On
EW-2034	0.6	3.2	850	8.3	22.7	21.0	On
EW-2035	1.0	2.7	1,269	6.7	21.1	21.0	On
EW-2036	0.5	2.2	713	13.4	30.8	24.0	On
EW-2037	0.6	1.9	880	4.1	35.4	24.0	On
EW-2101	24.2	28.6	24,784	10.1	47.9	21.1	On
EW-2102	18.8	20.1	21,291	14.5	50.0	21.1	On
EW-2103	0.0	20.5	3,310	16.7	35.9	2.8	Off
EW-2104	45.7	46.3	45,981	11.8	56.8	24.0	On
EW-3001	0.0	0.0	0	1.8	14.7	0.0	Off
EW-3002	0.3	0.6	616	2.8	13.5	24.0	On
EW-3003	0.0	0.0	0	4.3	13.7	0.0	Off

Daily Log

April 28, 2016 12AM to April 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.3	0.7	632	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	2.0	1,347	-0.9	---	24.0	On
EW-3008	0.2	0.7	486	-0.5	---	24.0	On
EW-3009	2.9	3.7	4,339	-1.6	---	24.0	On
EW-3010	0.8	3.0	1,397	-2.0	---	23.8	On
EW-3011	0.0	0.5	6	-0.6	21.4	0.3	Off
EW-3012	0.5	4.1	670	-2.9	24.0	21.0	On
EW-3013	0.9	5.7	1,196	-6.1	29.4	21.0	On
EW-3014	0.0	0.6	215	-8.5	32.7	11.8	Off
EW-3015	1.0	5.4	1,284	-5.9	39.5	21.0	On
EW-3016	0.8	3.6	1,041	-6.6	43.6	21.1	On
EW-3017	0.3	0.8	174	-7.6	45.3	8.6	On
EW-3018	0.0	0.9	91	-9.5	45.1	4.9	Off
EW-3019	0.9	2.8	1,039	-2.3	45.8	21.1	On
EW-3020	3.2	5.5	4,128	-2.1	40.0	20.9	On
EW-3021	0.0	0.5	77	0.9	28.9	4.2	Off
EW-3022	0.4	1.8	623	-2.4	37.2	24.0	On
EW-3023	2.6	4.0	3,345	-6.4	26.3	21.0	On
EW-3024	0.3	0.7	437	1.2	---	21.2	On
EW-3025	2.6	3.9	3,728	-4.6	40.0	24.0	On
EW-3026	3.2	3.7	4,603	-8.6	41.2	24.0	On
EW-3027	0.0	0.8	60	0.1	---	3.1	Off
EW-4001	2.1	2.6	3,063	-3.1	31.4	24.0	On
EW-4002	2.0	2.8	2,898	-46.9	15.0	24.0	On
EW-4003	2.1	2.3	3,034	-28.5	---	24.0	On
EW-4004	1.6	1.8	2,115	-13.6	17.3	20.8	On
EW-4005	2.1	2.3	3,049	-19.3	---	24.0	On
EW-4006	1.3	2.6	1,877	-51.1	34.0	24.0	On
EW-4007	1.1	1.2	1,525	-6.0	38.5	24.0	On
EW-4008	2.0	2.7	2,990	-8.4	36.6	24.0	On
EW-4009	0.7	1.2	1,019	-20.9	30.7	21.0	On
EW-4010	2.2	2.6	3,247	-0.9	47.5	24.0	On
EW-4011	2.2	2.6	3,201	-25.3	47.6	24.0	On
EW-5001	2.1	2.3	3,044	-25.3	---	24.0	On
EW-5002	0.0	2.6	20	3.4	21.4	0.2	Off
EW Totals	**154.1**		**188,800**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	187.4	177 GPM
FIT-500	207 GPM	118.3	239 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

April 28, 2016 12AM to April 29, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	51.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 28, 2016 12AM to April 29, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	77.1
Permeate Flow	FIT-642	0 GPM	55.1
Concentrate Flow	FIT-643	0 GPM	20.8

Inlet Conductivity	CIT-630	885.1 µS
Outlet Conductivity	CIT-642	48.3 µS
Hours Run		8.8 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 29, 2016 12AM to April 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.8	2,344	1.6	40.2	24.0	On
EW-2002	0.7	0.8	954	5.4	39.5	24.0	On
EW-2003	1.1	1.4	1,544	4.8	34.7	24.0	On
EW-2004	0.4	0.6	616	7.4	31.2	23.9	On
EW-2005	0.4	0.5	487	7.0	29.1	23.9	On
EW-2006	1.0	1.1	1,371	5.8	26.9	24.0	On
EW-2007	1.5	1.7	2,138	7.6	24.2	24.0	On
EW-2008	0.4	0.7	685	2.4	22.7	24.0	On
EW-2009	1.0	1.1	1,465	3.2	22.9	24.0	On
EW-2010	0.0	0.5	245	6.4	22.0	13.9	Off
EW-2011	0.3	0.5	287	9.4	20.5	15.7	On
EW-2012	0.3	0.3	156	11.8	14.5	9.2	On
EW-2013	0.3	0.5	234	18.4	14.5	12.8	On
EW-2014	0.8	1.0	1,193	13.1	18.1	24.0	On
EW-2015	0.4	0.5	482	13.3	14.2	22.0	On
EW-2016	0.5	0.6	694	11.8	---	23.2	On
EW-2017	1.2	1.3	1,699	12.2	---	24.0	On
EW-2018	0.6	0.8	761	10.9	---	24.0	On
EW-2019	0.4	0.4	156	12.4	---	8.7	On
EW-2020	0.3	0.3	268	11.7	---	15.1	On
EW-2021	0.3	0.4	230	13.4	---	12.3	On
EW-2022	0.0	5.3	376	11.5	---	18.5	Off
EW-2023	0.4	0.5	405	12.9	---	16.9	On
EW-2024	0.0	5.7	235	10.2	---	12.6	Off
EW-2025	0.8	0.9	1,017	10.9	---	24.0	On
EW-2026	0.7	1.0	804	9.5	---	24.0	On
EW-2027	0.7	1.1	956	8.3	---	24.0	On
EW-2028	0.8	1.1	919	8.8	---	24.0	On
EW-2029	0.8	1.1	965	7.3	---	24.0	On
EW-2030	1.3	1.5	1,781	10.4	---	24.0	On
EW-2031	1.2	1.5	1,718	11.0	---	24.0	On
EW-2032	0.5	0.8	589	9.2	---	24.0	On
EW-2033	0.5	0.8	554	10.1	---	24.0	On
EW-2034	0.7	2.9	953	8.1	23.1	23.9	On
EW-2035	1.0	1.1	1,433	6.6	21.1	24.0	On
EW-2036	0.5	0.7	710	13.1	29.8	24.0	On
EW-2037	0.6	0.9	877	4.0	34.3	24.0	On
EW-2101	25.2	29.4	35,776	9.5	50.1	24.0	On
EW-2102	19.4	21.5	27,605	14.2	52.8	23.9	On
EW-2103	0.0	0.0	0	16.7	34.2	0.0	Off
EW-2104	44.5	46.3	64,707	11.5	53.2	24.0	On
EW-3001	0.0	0.0	0	1.8	14.4	0.0	Off
EW-3002	0.4	0.5	599	2.8	13.2	24.0	On
EW-3003	0.0	0.0	0	4.3	13.2	0.0	Off

Daily Log

April 29, 2016 12AM to April 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.0	5.8	220	0.2	---	8.6	Off
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,328	-1.0	---	24.0	On
EW-3008	0.4	0.4	458	-0.6	---	24.0	On
EW-3009	2.9	3.1	4,219	-1.5	---	24.0	On
EW-3010	1.0	1.3	1,348	-2.2	---	24.0	On
EW-3011	0.0	0.0	0	-0.4	21.6	0.0	Off
EW-3012	0.6	0.8	739	-2.8	24.6	24.0	On
EW-3013	1.0	2.3	1,335	-6.2	30.3	24.0	On
EW-3014	0.3	0.7	227	-8.3	34.0	12.8	On
EW-3015	1.0	2.8	1,412	-6.0	41.2	24.0	On
EW-3016	0.8	1.8	1,143	-6.7	45.4	24.0	On
EW-3017	0.0	0.9	178	-7.3	47.2	9.4	Off
EW-3018	0.0	0.6	93	-8.8	47.0	5.2	On
EW-3019	0.9	2.2	1,244	-2.2	47.8	24.0	On
EW-3020	3.2	3.3	4,617	-1.9	39.8	24.0	On
EW-3021	0.0	0.5	184	1.0	28.0	10.6	Off
EW-3022	0.4	1.4	605	-2.5	36.5	24.0	On
EW-3023	2.6	2.9	3,742	-6.4	27.1	24.0	On
EW-3024	0.5	0.5	467	0.8	---	21.3	On
EW-3025	2.6	3.4	3,721	-4.6	39.4	24.0	On
EW-3026	3.2	4.0	4,590	-8.6	40.6	24.0	On
EW-3027	0.0	0.7	83	0.3	---	4.8	Off
EW-4001	2.2	2.2	3,104	-3.2	30.3	24.0	On
EW-4002	2.0	2.2	2,890	-46.9	14.7	24.0	On
EW-4003	2.1	2.2	3,038	-28.4	---	24.0	On
EW-4004	1.6	1.8	2,247	-12.7	17.0	24.0	On
EW-4005	2.1	2.2	2,988	-18.5	---	24.0	On
EW-4006	1.3	2.1	1,856	-51.0	33.3	24.0	On
EW-4007	1.1	1.2	1,519	-6.0	37.8	24.0	On
EW-4008	2.0	2.3	2,947	-8.3	34.9	24.0	On
EW-4009	0.8	1.2	1,143	-21.6	31.6	24.0	On
EW-4010	2.3	2.3	3,270	-0.9	47.0	24.0	On
EW-4011	2.2	2.2	3,141	-25.8	47.0	24.0	On
EW-5001	2.1	2.2	2,968	-24.3	---	24.0	On
EW-5002	0.0	0.0	0	3.3	21.4	0.0	Off
EW Totals	**157.7**		**224,050**				

	Value	Total (KGal)	Peak Flow
FIT-100	157 GPM	222.3	160 GPM
FIT-500	169 GPM	173.7	241 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

April 29, 2016 12AM to April 30, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	35 GPM	0.0
RC-7003	FIT-665	35 GPM	48.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 29, 2016 12AM to April 30, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	93 GPM	69.2
Permeate Flow	FIT-642	67 GPM	49.1
Concentrate Flow	FIT-643	26 GPM	18.9

Inlet Conductivity	CIT-630	862.0 µS
Outlet Conductivity	CIT-642	22.6 µS
Hours Run		13.4 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

April 30, 2016 12AM to May 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	3.6	2,312	1.7	39.7	24.0	On
EW-2002	0.7	2.3	940	5.6	39.1	24.0	On
EW-2003	1.1	3.1	1,542	4.7	34.3	24.0	On
EW-2004	0.4	0.6	606	7.3	30.9	23.9	On
EW-2005	0.4	0.5	491	6.9	28.9	23.9	On
EW-2006	0.9	2.4	1,360	5.7	26.7	24.0	On
EW-2007	1.5	4.1	2,130	7.6	24.1	24.0	On
EW-2008	0.5	1.6	676	2.5	22.5	24.0	On
EW-2009	1.0	1.9	1,464	3.3	22.8	24.0	On
EW-2010	0.0	0.6	244	6.5	21.8	14.0	Off
EW-2011	0.3	0.6	287	9.3	20.3	15.8	On
EW-2012	0.0	0.3	153	12.3	14.1	9.1	Off
EW-2013	0.3	0.6	233	18.3	14.2	12.9	On
EW-2014	0.8	2.8	1,195	12.9	17.9	24.0	On
EW-2015	0.4	0.5	473	11.8	14.1	21.8	On
EW-2016	0.5	0.6	673	10.0	---	22.8	On
EW-2017	1.2	3.4	1,678	12.2	---	24.0	On
EW-2018	0.5	1.8	761	11.1	---	24.0	On
EW-2019	0.3	0.4	156	11.3	---	8.8	On
EW-2020	0.3	0.3	268	11.5	---	15.2	On
EW-2021	0.0	0.4	228	13.7	---	12.4	Off
EW-2022	0.3	0.5	368	12.1	---	18.7	On
EW-2023	0.0	0.4	402	12.3	---	16.8	Off
EW-2024	0.0	0.5	232	11.8	---	12.6	Off
EW-2025	0.7	2.3	1,017	10.8	---	24.0	On
EW-2026	0.6	1.9	804	9.4	---	24.0	On
EW-2027	0.7	2.2	956	8.3	---	24.0	On
EW-2028	0.6	2.1	921	8.8	---	24.0	On
EW-2029	0.7	2.3	967	7.3	---	24.0	On
EW-2030	1.3	3.9	1,781	10.1	---	24.0	On
EW-2031	1.2	3.9	1,719	10.8	---	24.0	On
EW-2032	0.4	1.2	590	9.1	---	24.0	On
EW-2033	0.4	1.5	554	10.0	---	24.0	On
EW-2034	0.7	1.9	950	8.1	22.8	24.0	On
EW-2035	1.0	2.6	1,443	6.4	21.0	24.0	On
EW-2036	0.5	1.9	707	13.1	29.2	24.0	On
EW-2037	0.6	2.2	874	3.9	33.9	24.0	On
EW-2101	24.8	25.9	35,792	9.4	49.6	24.0	On
EW-2102	19.2	19.7	27,871	14.1	52.4	24.0	On
EW-2103	0.0	0.0	0	16.7	33.8	0.0	Off
EW-2104	44.4	45.3	63,843	11.3	53.3	24.0	On
EW-3001	0.0	0.0	0	1.8	14.0	0.0	Off
EW-3002	0.4	0.5	617	2.8	12.9	24.0	On
EW-3003	0.0	0.0	0	4.3	13.0	0.0	Off

Daily Log

April 30, 2016 12AM to May 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	537	-0.4	---	19.9	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	2.7	1,305	-1.2	---	24.0	On
EW-3008	0.4	0.4	496	-0.8	---	24.0	On
EW-3009	3.0	4.7	4,243	-1.8	---	24.0	On
EW-3010	0.9	3.2	1,318	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.4	21.4	0.0	Off
EW-3012	0.6	0.7	761	-3.4	24.3	24.0	On
EW-3013	0.9	4.1	1,332	-6.5	30.0	24.0	On
EW-3014	0.0	0.5	227	-8.7	33.7	12.8	Off
EW-3015	1.0	4.0	1,408	-6.3	40.9	24.0	On
EW-3016	0.8	2.7	1,132	-6.7	45.1	24.0	On
EW-3017	0.0	1.0	176	-6.6	46.8	9.2	Off
EW-3018	0.0	0.6	93	-8.8	46.6	5.2	Off
EW-3019	0.9	2.5	1,242	-2.5	47.4	24.0	On
EW-3020	3.2	5.4	4,559	-1.9	39.4	24.0	On
EW-3021	0.0	0.5	139	0.1	27.7	8.0	Off
EW-3022	0.4	1.8	589	-2.4	36.1	24.0	On
EW-3023	2.5	3.5	3,646	-6.3	27.2	24.0	On
EW-3024	0.3	0.5	432	1.3	---	20.7	On
EW-3025	2.6	6.0	3,707	-4.5	38.9	24.0	On
EW-3026	3.2	4.0	4,576	-8.6	40.1	24.0	On
EW-3027	0.0	0.7	11	0.1	---	0.6	Off
EW-4001	1.9	2.2	2,814	-2.7	29.6	23.9	On
EW-4002	2.0	6.3	2,886	-47.1	14.3	23.9	On
EW-4003	1.9	2.2	2,763	-25.3	---	23.9	On
EW-4004	1.5	1.6	2,156	-12.6	16.9	23.9	On
EW-4005	1.9	2.1	2,718	-16.8	---	23.9	On
EW-4006	1.3	5.0	1,848	-51.0	33.0	23.9	On
EW-4007	1.1	1.1	1,537	-5.8	37.4	23.9	On
EW-4008	2.0	2.2	2,808	-7.8	34.6	23.9	On
EW-4009	0.9	0.9	1,149	-22.0	31.4	23.9	On
EW-4010	2.4	2.7	3,393	-0.9	46.2	23.9	On
EW-4011	2.0	2.2	2,969	-23.7	46.2	23.9	On
EW-5001	1.9	2.1	2,738	-22.5	---	23.9	On
EW-5002	0.0	0.0	0	3.4	21.3	0.0	Off
EW Totals	**153.9**		**221,986**				

	Value	Total (KGal)	Peak Flow
FIT-100	152 GPM	220.4	173 GPM
FIT-500	0 GPM	164.1	239 GPM
Effluent Temp	96.6 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

April 30, 2016 12AM to May 1, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	36 GPM	0.0
RC-7003	FIT-665	36 GPM	49.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

April 30, 2016 12AM to May 1, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	73.1
Permeate Flow	FIT-642	68 GPM	52.7
Concentrate Flow	FIT-643	27 GPM	19.2

Inlet Conductivity	CIT-630	877.3 µS
Outlet Conductivity	CIT-642	22.3 µS
Hours Run		13.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 1, 2016 12AM to May 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.6	2,303	1.8	40.3	24.0	On
EW-2002	0.6	0.7	935	5.6	39.7	24.0	On
EW-2003	1.0	1.1	1,528	4.7	35.1	24.0	On
EW-2004	0.4	0.4	604	7.4	31.7	24.0	On
EW-2005	0.3	0.4	494	7.2	29.7	24.0	On
EW-2006	0.9	1.0	1,331	5.9	27.6	24.0	On
EW-2007	1.4	1.5	2,113	7.7	25.1	24.0	On
EW-2008	0.5	0.6	674	2.6	24.2	24.0	On
EW-2009	1.0	1.1	1,461	3.4	24.4	24.0	On
EW-2010	0.3	0.4	244	6.0	23.5	14.0	On
EW-2011	0.3	0.3	287	8.7	22.0	15.8	On
EW-2012	0.0	0.3	153	12.5	14.9	9.1	Off
EW-2013	0.0	0.5	234	18.1	14.9	12.8	Off
EW-2014	0.8	0.9	1,192	13.2	19.0	24.0	On
EW-2015	0.0	0.5	470	12.5	15.2	21.5	Off
EW-2016	0.4	0.6	670	10.1	---	22.6	On
EW-2017	1.1	1.2	1,681	12.2	---	24.0	On
EW-2018	0.5	0.8	757	11.3	---	24.0	On
EW-2019	0.0	0.4	154	11.8	---	8.6	Off
EW-2020	0.0	0.4	267	10.2	---	15.1	Off
EW-2021	0.3	0.4	227	13.8	---	12.2	On
EW-2022	0.3	0.4	367	11.4	---	18.5	On
EW-2023	0.4	0.4	400	10.8	---	16.7	On
EW-2024	0.0	0.5	235	10.9	---	12.6	Off
EW-2025	0.7	0.9	1,010	11.2	---	24.0	On
EW-2026	0.5	0.7	797	9.8	---	24.0	On
EW-2027	0.7	0.9	952	8.7	---	24.0	On
EW-2028	0.6	0.8	912	9.2	---	24.0	On
EW-2029	0.7	0.8	959	7.7	---	24.0	On
EW-2030	1.1	1.3	1,782	10.4	---	24.0	On
EW-2031	1.1	1.3	1,714	11.1	---	24.0	On
EW-2032	0.4	0.6	584	9.5	---	24.0	On
EW-2033	0.2	0.5	551	10.4	---	24.0	On
EW-2034	0.6	0.7	935	8.1	24.0	24.0	On
EW-2035	1.0	1.0	1,432	6.7	21.8	24.0	On
EW-2036	0.5	0.6	702	13.0	29.9	24.0	On
EW-2037	0.5	0.7	869	4.0	34.5	24.0	On
EW-2101	24.3	24.8	35,298	9.2	50.8	24.0	On
EW-2102	18.7	19.4	27,372	14.1	53.4	24.0	On
EW-2103	0.0	0.0	0	16.7	34.7	0.0	Off
EW-2104	44.3	44.8	63,884	11.2	54.3	24.0	On
EW-3001	0.0	0.0	0	1.8	14.9	0.0	Off
EW-3002	0.3	0.5	611	2.8	13.9	24.0	On
EW-3003	0.0	0.0	0	4.3	14.1	0.0	Off

Daily Log

May 1, 2016 12AM to May 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.3	0.5	633	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	1.0	1,264	-1.0	---	24.0	On
EW-3008	0.2	0.4	486	-0.5	---	24.0	On
EW-3009	2.8	3.0	4,199	-1.6	---	24.0	On
EW-3010	0.8	1.0	1,306	-2.1	---	24.0	On
EW-3011	0.0	0.0	0	-0.3	22.6	0.0	Off
EW-3012	0.5	0.6	753	-2.6	25.5	24.0	On
EW-3013	0.9	1.1	1,330	-6.4	31.5	24.0	On
EW-3014	0.0	0.4	226	-8.8	35.1	12.7	Off
EW-3015	1.0	1.1	1,408	-6.2	42.3	24.0	On
EW-3016	0.8	0.9	1,127	-6.9	46.4	24.0	On
EW-3017	0.0	0.8	176	-6.7	48.2	9.2	Off
EW-3018	0.0	0.5	92	-8.9	48.0	5.1	Off
EW-3019	0.9	1.0	1,239	-2.4	48.7	24.0	On
EW-3020	3.1	3.2	4,540	-1.8	40.0	24.0	On
EW-3021	0.0	0.3	156	0.9	28.4	9.0	Off
EW-3022	0.4	0.5	572	-2.5	36.4	24.0	On
EW-3023	2.5	2.6	3,624	-6.4	28.7	24.0	On
EW-3024	0.3	0.5	442	1.6	---	20.9	On
EW-3025	2.5	2.6	3,668	-4.4	39.1	24.0	On
EW-3026	3.1	3.2	4,548	-8.5	40.3	24.0	On
EW-3027	0.0	0.0	0	0.2	---	0.0	Off
EW-4001	1.8	2.0	2,731	-2.6	30.4	24.0	On
EW-4002	1.9	2.1	2,878	-46.9	15.2	24.0	On
EW-4003	1.8	1.9	2,718	-25.3	---	24.0	On
EW-4004	1.4	1.6	2,153	-12.4	18.0	24.0	On
EW-4005	1.8	1.9	2,685	-16.9	---	24.0	On
EW-4006	1.2	1.4	1,843	-51.1	33.3	24.0	On
EW-4007	1.0	1.1	1,508	-5.6	37.6	24.0	On
EW-4008	1.9	2.1	2,806	-7.8	35.5	24.0	On
EW-4009	0.8	0.9	1,145	-21.5	32.7	24.0	On
EW-4010	2.3	2.4	3,415	-0.9	46.6	24.0	On
EW-4011	2.0	2.1	2,938	-23.9	46.6	24.0	On
EW-5001	1.8	1.9	2,710	-22.2	---	24.0	On
EW-5002	0.0	0.0	0	3.4	22.2	0.0	Off
EW Totals	**149.3**		**220,464**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	218.8	157 GPM
FIT-500	209 GPM	158.7	240 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 1, 2016 12AM to May 2, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	36 GPM	0.0
RC-7003	FIT-665	36 GPM	49.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 1, 2016 12AM to May 2, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	71.5
Permeate Flow	FIT-642	0 GPM	51.6
Concentrate Flow	FIT-643	0 GPM	18.7

Inlet Conductivity	CIT-630	855.0 µS
Outlet Conductivity	CIT-642	20.6 µS
Hours Run		12.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 2, 2016 12AM to May 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.6	2,298	1.8	40.5	24.0	On
EW-2002	0.6	0.7	927	5.6	39.9	24.0	On
EW-2003	1.1	1.1	1,522	4.8	35.2	24.0	On
EW-2004	0.4	0.5	605	7.4	31.8	24.0	On
EW-2005	0.4	0.4	488	7.0	29.8	23.6	On
EW-2006	0.9	1.0	1,303	5.9	27.5	24.0	On
EW-2007	1.5	1.6	2,105	7.7	24.9	24.0	On
EW-2008	0.5	0.6	672	2.5	24.2	24.0	On
EW-2009	1.0	1.1	1,460	3.3	24.4	24.0	On
EW-2010	0.3	0.4	243	5.8	23.4	13.6	On
EW-2011	0.3	0.4	285	8.5	22.0	15.6	On
EW-2012	0.0	0.3	155	12.4	15.1	9.2	Off
EW-2013	0.4	0.5	234	17.6	15.2	12.5	On
EW-2014	0.9	0.9	1,188	13.0	18.8	24.0	On
EW-2015	0.4	0.5	466	12.2	15.0	21.0	On
EW-2016	0.6	0.6	668	11.7	---	22.3	On
EW-2017	1.2	1.2	1,665	12.3	---	24.0	On
EW-2018	0.5	0.8	755	10.9	---	24.0	On
EW-2019	0.0	0.4	153	12.5	---	8.6	Off
EW-2020	0.3	0.3	264	10.9	---	14.8	On
EW-2021	0.0	0.4	227	12.4	---	12.1	Off
EW-2022	0.4	0.5	361	12.5	---	17.8	On
EW-2023	0.3	0.4	395	13.1	---	16.5	On
EW-2024	0.4	0.5	233	10.4	---	12.3	On
EW-2025	0.7	0.9	1,004	10.8	---	24.0	On
EW-2026	0.5	0.7	788	9.4	---	24.0	On
EW-2027	0.7	0.9	948	8.3	---	24.0	On
EW-2028	0.6	0.9	905	8.8	---	24.0	On
EW-2029	0.7	0.9	953	7.3	---	24.0	On
EW-2030	1.3	1.3	1,774	10.2	---	24.0	On
EW-2031	1.3	1.3	1,702	10.9	---	24.0	On
EW-2032	0.4	0.6	575	9.1	---	24.0	On
EW-2033	0.5	0.5	543	10.0	---	24.0	On
EW-2034	0.7	0.8	934	8.3	23.8	24.0	On
EW-2035	1.0	1.1	1,417	6.6	21.6	24.0	On
EW-2036	0.5	0.6	701	13.4	29.9	24.0	On
EW-2037	0.6	0.7	867	4.1	34.5	24.0	On
EW-2101	23.9	26.2	34,733	9.2	51.5	24.0	On
EW-2102	18.2	18.9	26,669	14.1	53.7	24.0	On
EW-2103	0.0	0.0	0	16.6	34.6	0.0	Off
EW-2104	44.4	44.7	63,777	11.2	53.8	24.0	On
EW-3001	0.0	0.0	0	1.8	15.1	0.0	Off
EW-3002	0.5	0.5	605	2.8	13.9	24.0	On
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

May 2, 2016 12AM to May 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	612	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.0	1,259	-1.0	---	24.0	On
EW-3008	0.4	0.4	473	-0.6	---	24.0	On
EW-3009	2.9	2.9	4,112	-1.6	---	24.0	On
EW-3010	1.0	1.0	1,286	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	-0.2	22.4	0.0	Off
EW-3012	0.6	0.8	745	-2.5	25.6	24.0	On
EW-3013	1.0	1.7	1,329	-6.3	31.7	24.0	On
EW-3014	0.0	0.5	225	-8.9	35.4	12.7	Off
EW-3015	1.0	2.2	1,402	-6.3	42.8	24.0	On
EW-3016	0.8	1.9	1,125	-6.7	47.0	24.0	On
EW-3017	0.0	0.7	175	-6.5	48.8	9.1	Off
EW-3018	0.0	0.9	91	-8.9	48.5	5.0	Off
EW-3019	0.9	1.7	1,236	-2.3	49.3	24.0	On
EW-3020	3.1	3.2	4,508	-1.8	40.2	24.0	On
EW-3021	0.0	0.3	204	0.8	28.3	11.6	Off
EW-3022	0.4	0.5	564	-2.3	36.3	24.0	On
EW-3023	2.5	2.6	3,615	-6.2	29.0	24.0	On
EW-3024	0.5	0.5	459	0.9	---	20.8	On
EW-3025	2.5	2.6	3,635	-4.4	39.1	24.0	On
EW-3026	3.1	3.2	4,529	-8.6	40.3	24.0	On
EW-3027	0.0	0.7	8	0.2	---	0.5	Off
EW-4001	1.9	1.9	2,670	-2.9	30.3	24.0	On
EW-4002	2.0	2.1	2,872	-47.0	15.4	24.0	On
EW-4003	1.9	2.0	2,725	-25.8	---	24.0	On
EW-4004	1.5	1.8	2,162	-12.7	17.8	24.0	On
EW-4005	1.9	2.0	2,690	-17.4	---	24.0	On
EW-4006	1.3	1.4	1,831	-51.2	33.3	24.0	On
EW-4007	1.0	1.0	1,414	-5.7	37.5	24.0	On
EW-4008	1.9	2.1	2,807	-8.1	35.4	24.0	On
EW-4009	0.9	1.2	1,149	-22.4	33.0	24.0	On
EW-4010	2.3	2.4	3,354	-1.3	46.5	24.0	On
EW-4011	2.0	2.1	2,943	-24.5	46.5	24.0	On
EW-5001	1.9	2.0	2,713	-22.3	---	24.0	On
EW-5002	0.0	0.0	0	3.3	22.1	0.0	Off
EW Totals	**153.3**		**218,491**				

	Value	Total (KGal)	Peak Flow
FIT-100	152 GPM	216.9	156 GPM
FIT-500	0 GPM	165.5	240 GPM
Effluent Temp	97.2 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

May 2, 2016 12AM to May 3, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	36 GPM	0.0
RC-7003	FIT-665	35 GPM	49.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 2, 2016 12AM to May 3, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	69.9
Permeate Flow	FIT-642	0 GPM	50.5
Concentrate Flow	FIT-643	0 GPM	18.3

Inlet Conductivity	CIT-630	909.4 µS
Outlet Conductivity	CIT-642	133.1 µS
Hours Run		12.6 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 3, 2016 12AM to May 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	3.8	2,263	1.6	40.6	23.5	On
EW-2002	0.7	4.5	921	5.3	40.0	23.5	On
EW-2003	1.1	4.5	1,510	4.5	34.9	23.5	On
EW-2004	0.4	0.7	599	7.5	31.3	23.4	On
EW-2005	0.3	0.6	466	7.5	29.2	22.8	On
EW-2006	0.9	3.1	1,276	5.6	26.9	23.5	On
EW-2007	1.5	4.5	2,073	7.6	24.3	23.5	On
EW-2008	0.5	2.8	661	2.5	23.0	23.5	On
EW-2009	1.0	2.5	1,432	3.3	23.2	23.4	On
EW-2010	0.3	0.7	241	5.3	22.3	13.6	On
EW-2011	0.3	0.7	283	8.1	20.8	15.4	On
EW-2012	0.0	0.5	154	12.4	14.1	8.7	Off
EW-2013	0.3	0.9	229	18.1	14.2	12.6	On
EW-2014	0.8	5.4	1,171	12.9	18.0	23.5	On
EW-2015	0.4	0.6	457	12.0	14.1	20.9	On
EW-2016	0.5	0.7	654	10.2	---	22.2	On
EW-2017	1.2	4.5	1,628	12.2	---	23.5	On
EW-2018	0.5	7.5	747	11.0	---	23.5	On
EW-2019	0.0	0.5	152	12.2	---	8.6	Off
EW-2020	0.0	0.4	259	11.6	---	14.6	Off
EW-2021	0.0	0.5	222	13.4	---	11.9	Off
EW-2022	0.3	0.6	357	12.7	---	17.8	On
EW-2023	0.4	0.6	391	12.1	---	16.3	On
EW-2024	0.0	0.6	229	11.5	---	12.0	Off
EW-2025	0.7	7.2	991	10.9	---	23.4	On
EW-2026	0.6	7.3	783	9.4	---	23.5	On
EW-2027	0.7	7.4	937	8.3	---	23.5	On
EW-2028	0.6	7.2	901	8.8	---	23.5	On
EW-2029	0.7	7.3	946	7.3	---	23.5	On
EW-2030	1.2	7.3	1,739	10.1	---	23.5	On
EW-2031	1.2	7.5	1,672	10.8	---	23.5	On
EW-2032	0.4	6.8	573	9.1	---	23.5	On
EW-2033	0.4	3.9	540	10.1	---	23.5	On
EW-2034	0.7	2.8	928	8.0	23.0	23.5	On
EW-2035	1.0	2.6	1,399	6.4	20.7	23.5	On
EW-2036	0.5	4.7	692	13.0	29.5	23.5	On
EW-2037	0.6	5.9	858	3.8	34.0	23.5	On
EW-2101	23.5	24.8	33,370	9.4	51.8	23.5	On
EW-2102	17.9	18.9	25,471	14.1	53.8	23.5	On
EW-2103	0.0	14.4	105	16.6	34.1	0.2	Off
EW-2104	44.3	45.8	62,321	11.3	53.5	23.5	On
EW-3001	0.0	0.0	0	1.8	14.1	0.0	Off
EW-3002	0.4	0.7	583	2.8	12.9	23.0	On
EW-3003	0.0	0.0	0	4.3	13.0	0.0	Off

Daily Log

May 3, 2016 12AM to May 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	10	1.2	---	0.6	Off
EW-3005	0.5	0.6	598	-0.3	---	23.0	On
EW-3006	0.0	0.5	4	1.4	---	0.2	Off
EW-3007	1.0	6.0	1,261	-1.2	---	23.0	On
EW-3008	0.4	0.6	470	-0.7	---	23.0	On
EW-3009	3.2	6.9	4,051	-1.8	---	23.0	On
EW-3010	1.0	6.1	1,251	-2.4	---	22.9	On
EW-3011	0.0	0.5	19	-0.6	21.6	0.9	Off
EW-3012	0.5	0.7	719	-1.5	24.7	23.0	On
EW-3013	0.9	5.4	1,308	-6.4	30.9	23.0	On
EW-3014	0.0	0.5	224	-8.8	35.1	12.4	Off
EW-3015	1.0	5.0	1,369	-6.1	42.7	23.0	On
EW-3016	0.8	2.7	1,105	-6.8	47.3	22.9	On
EW-3017	0.0	0.8	173	-5.0	49.2	8.8	Off
EW-3018	0.4	0.7	91	-9.3	49.0	5.0	On
EW-3019	0.8	2.9	1,210	-2.2	49.9	23.0	On
EW-3020	3.3	6.0	4,349	-2.2	40.3	23.0	On
EW-3021	0.0	0.7	210	0.9	28.2	11.6	Off
EW-3022	0.4	4.7	558	-2.6	37.2	23.0	On
EW-3023	3.0	3.0	3,474	-5.8	30.5	23.0	On
EW-3024	0.4	0.6	421	0.8	---	20.3	On
EW-3025	2.7	5.8	3,569	-4.6	40.0	23.0	On
EW-3026	3.3	4.1	4,337	-8.6	41.3	23.0	On
EW-3027	0.0	0.7	28	0.2	---	1.6	Off
EW-4001	2.0	2.4	2,754	-2.8	30.0	22.6	On
EW-4002	2.0	6.9	2,766	-47.0	14.3	22.6	On
EW-4003	1.8	5.3	2,576	-22.8	---	22.6	On
EW-4004	1.4	1.6	2,044	-11.6	16.7	22.6	On
EW-4005	1.8	1.9	2,540	-15.8	---	22.6	On
EW-4006	1.3	5.5	1,774	-51.2	33.8	22.6	On
EW-4007	1.1	1.2	1,391	-5.7	38.3	22.6	On
EW-4008	2.0	2.6	2,736	-7.7	34.8	22.6	On
EW-4009	0.7	0.9	1,097	-16.0	32.0	22.6	On
EW-4010	2.4	2.6	3,188	-0.9	46.1	22.6	On
EW-4011	2.0	2.3	2,884	-21.0	46.3	22.6	On
EW-5001	1.8	2.0	2,565	-19.8	---	22.6	On
EW-5002	0.0	1.9	20	3.3	21.1	0.2	Off
EW Totals	**152.2**		**212,326**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	210.7	168 GPM
FIT-500	209 GPM	153.6	241 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 3, 2016 12AM to May 4, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	36 GPM	0.0
RC-7003	FIT-665	36 GPM	49.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 3, 2016 12AM to May 4, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	77 GPM	72.6
Permeate Flow	FIT-642	68 GPM	52.7
Concentrate Flow	FIT-643	25 GPM	18.7

Inlet Conductivity	CIT-630	854.2 µS
Outlet Conductivity	CIT-642	22.3 µS
Hours Run		12.7 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	98.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 4, 2016 12AM to May 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.1	2,384	1.8	43.8	23.9	On
EW-2002	0.7	4.5	983	5.6	43.1	23.9	On
EW-2003	1.2	4.7	1,590	4.8	37.7	23.9	On
EW-2004	0.4	0.7	602	7.9	33.8	23.8	On
EW-2005	0.3	0.6	478	7.7	31.5	23.8	On
EW-2006	1.0	3.2	1,347	5.9	29.0	23.9	On
EW-2007	1.6	4.7	2,202	7.7	26.3	23.9	On
EW-2008	0.5	2.8	725	2.6	25.1	23.8	On
EW-2009	1.1	2.6	1,514	3.4	25.3	23.8	On
EW-2010	0.3	1.0	276	5.7	24.3	15.5	On
EW-2011	0.3	0.7	312	8.5	22.9	16.8	On
EW-2012	0.4	0.5	182	12.7	16.2	8.9	On
EW-2013	0.3	1.6	281	18.0	16.3	14.9	On
EW-2014	0.8	4.0	1,237	13.2	19.6	23.9	On
EW-2015	0.3	0.6	490	11.8	15.8	22.6	On
EW-2016	0.4	0.6	678	10.1	---	23.3	On
EW-2017	1.2	4.5	1,663	12.2	---	23.9	On
EW-2018	0.4	2.7	754	11.2	---	23.9	On
EW-2019	0.3	0.4	155	11.3	---	8.8	On
EW-2020	0.0	0.4	264	11.2	---	15.0	Off
EW-2021	0.3	0.4	231	11.3	---	12.6	On
EW-2022	0.3	0.5	396	13.0	---	20.0	On
EW-2023	0.4	0.4	404	11.2	---	17.0	On
EW-2024	0.0	0.5	245	11.6	---	13.4	Off
EW-2025	0.6	3.1	1,007	11.1	---	23.9	On
EW-2026	0.4	2.8	793	9.8	---	23.9	On
EW-2027	0.5	3.3	956	8.7	---	23.9	On
EW-2028	0.6	3.2	920	9.2	---	23.9	On
EW-2029	0.5	3.5	965	7.6	---	23.9	On
EW-2030	1.2	5.6	1,776	10.3	---	23.9	On
EW-2031	1.2	5.7	1,727	11.0	---	23.9	On
EW-2032	0.2	1.8	585	9.5	---	23.9	On
EW-2033	0.3	1.9	553	10.2	---	23.9	On
EW-2034	0.7	3.0	986	8.2	24.5	23.8	On
EW-2035	1.0	2.7	1,458	6.7	22.3	23.9	On
EW-2036	0.8	3.9	806	13.2	31.7	23.8	On
EW-2037	0.6	6.0	921	3.9	35.5	23.8	On
EW-2101	23.0	24.4	33,216	9.5	52.8	23.9	On
EW-2102	17.5	18.5	25,478	14.2	55.1	23.9	On
EW-2103	0.0	0.0	0	16.9	35.6	0.0	Off
EW-2104	44.1	45.7	63,282	11.3	54.7	23.8	On
EW-3001	0.0	0.5	10	1.8	16.0	0.4	Off
EW-3002	0.3	0.7	574	2.8	14.8	23.8	On
EW-3003	0.0	0.5	6	4.3	14.8	0.3	Off

Daily Log

May 4, 2016 12AM to May 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	8	1.2	---	0.5	Off
EW-3005	0.3	0.5	591	-0.1	---	23.8	On
EW-3006	0.0	0.4	0	1.4	---	0.0	Off
EW-3007	0.8	5.7	1,334	-1.0	---	23.8	On
EW-3008	0.2	0.4	443	-0.5	---	23.8	On
EW-3009	3.1	6.8	4,394	-1.7	---	23.8	On
EW-3010	0.8	5.9	1,305	-2.2	---	23.8	On
EW-3011	0.0	0.5	9	-0.2	23.0	0.5	Off
EW-3012	0.4	0.8	716	-2.2	26.2	23.8	On
EW-3013	0.9	5.3	1,372	-6.3	32.4	23.8	On
EW-3014	0.3	0.5	254	-8.5	36.7	14.1	On
EW-3015	0.9	1.1	914	8.4	43.8	15.9	Off
EW-3016	0.9	2.7	1,175	-6.6	48.7	23.8	On
EW-3017	0.3	0.7	178	-6.2	50.6	9.2	On
EW-3018	0.0	0.6	92	-9.6	50.3	5.1	Off
EW-3019	0.8	2.8	1,231	-2.2	51.2	23.8	On
EW-3020	3.3	6.3	4,633	-1.8	43.3	23.8	On
EW-3021	0.0	0.5	213	0.9	29.3	11.8	Off
EW-3022	0.4	4.6	612	-2.5	37.8	23.8	On
EW-3023	2.7	3.0	3,856	-6.3	30.7	23.8	On
EW-3024	0.3	0.5	483	0.9	---	22.0	On
EW-3025	2.7	5.6	3,795	-4.5	40.5	23.8	On
EW-3026	3.2	3.6	4,530	-8.6	41.8	23.8	On
EW-3027	0.0	0.7	71	0.2	---	4.1	Off
EW-4001	2.1	2.2	2,978	-3.0	31.9	23.7	On
EW-4002	1.9	6.3	2,920	-46.8	16.2	23.7	On
EW-4003	1.8	2.5	2,645	-25.2	---	23.7	On
EW-4004	1.4	1.6	2,091	-12.3	18.4	23.7	On
EW-4005	1.8	1.9	2,626	-16.6	---	23.7	On
EW-4006	1.3	4.6	1,856	-51.1	34.5	23.7	On
EW-4007	1.1	1.1	1,510	-5.6	38.9	23.7	On
EW-4008	1.9	2.2	2,828	-7.9	36.4	23.7	On
EW-4009	0.7	0.9	1,087	-21.0	33.6	23.7	On
EW-4010	2.4	2.7	3,364	-0.8	47.8	23.7	On
EW-4011	2.0	2.1	2,908	-22.1	47.7	23.7	On
EW-5001	1.8	1.9	2,637	-21.8	---	23.7	On
EW-5002	0.0	0.0	0	3.5	22.6	0.0	Off
EW Totals	**150.4**		**217,074**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	215.3	171 GPM
FIT-500	207 GPM	187.4	238 GPM
Effluent Temp	95.7 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 4, 2016 12AM to May 5, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	17.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 4, 2016 12AM to May 5, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	24.3
Permeate Flow	FIT-642	0 GPM	17.6
Concentrate Flow	FIT-643	0 GPM	6.3

Inlet Conductivity	CIT-630	840.0 µS
Outlet Conductivity	CIT-642	178.3 µS
Hours Run		12.1 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	94.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 5, 2016 12AM to May 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.9	2,508	1.7	45.6	24.0	On
EW-2002	0.8	0.9	1,085	5.5	44.8	24.0	On
EW-2003	1.2	1.4	1,742	4.7	39.2	24.0	On
EW-2004	0.4	0.6	614	8.3	35.1	23.9	On
EW-2005	0.4	0.5	488	7.9	32.7	23.8	On
EW-2006	1.1	1.2	1,469	5.8	30.0	24.0	On
EW-2007	1.8	1.9	2,514	7.6	27.1	24.0	On
EW-2008	0.5	0.8	722	2.5	24.7	24.0	On
EW-2009	1.1	1.3	1,542	3.3	24.9	24.0	On
EW-2010	0.0	4.3	278	6.7	23.9	15.7	On
EW-2011	0.3	0.7	310	9.4	22.4	16.9	On
EW-2012	0.0	0.5	168	12.9	15.7	8.0	Off
EW-2013	0.3	0.5	309	18.3	15.8	16.3	On
EW-2014	0.9	4.0	1,238	12.9	19.6	23.9	On
EW-2015	0.4	0.7	488	11.7	15.6	22.3	On
EW-2016	0.5	0.6	708	11.2	---	23.5	On
EW-2017	1.3	1.4	1,761	12.1	---	24.0	On
EW-2018	0.5	1.1	780	11.0	---	24.0	On
EW-2019	0.0	0.4	161	11.6	---	9.1	Off
EW-2020	0.3	4.2	277	12.1	---	15.1	On
EW-2021	0.3	0.4	234	11.3	---	12.7	On
EW-2022	0.3	0.5	386	12.9	---	19.8	On
EW-2023	0.4	3.0	420	12.4	---	17.3	On
EW-2024	0.0	5.5	246	10.9	---	12.8	Off
EW-2025	0.8	1.1	1,053	10.8	---	24.0	On
EW-2026	0.6	1.0	829	9.4	---	24.0	On
EW-2027	0.7	1.1	994	8.3	---	24.0	On
EW-2028	0.7	1.0	960	8.8	---	24.0	On
EW-2029	0.7	1.0	1,008	7.3	---	24.0	On
EW-2030	1.3	1.6	1,881	10.1	---	24.0	On
EW-2031	1.3	1.6	1,847	10.8	---	24.0	On
EW-2032	0.4	0.8	614	9.1	---	24.0	On
EW-2033	0.4	0.7	583	10.0	---	24.0	On
EW-2034	0.7	1.0	1,031	8.0	25.4	24.0	On
EW-2035	1.0	1.2	1,473	6.6	22.8	24.0	On
EW-2036	0.8	1.9	1,108	13.3	30.9	23.9	On
EW-2037	0.7	2.4	1,000	3.8	34.7	24.0	On
EW-2101	23.2	27.8	30,370	9.6	56.0	24.0	On
EW-2102	16.9	20.7	23,839	14.5	57.8	23.9	On
EW-2103	0.0	0.0	0	17.2	35.0	0.0	Off
EW-2104	44.0	44.7	53,821	11.8	54.0	24.0	On
EW-3001	0.0	0.0	0	1.8	15.7	0.0	Off
EW-3002	0.4	0.6	579	2.8	14.5	24.0	On
EW-3003	0.0	0.0	0	4.3	14.6	0.0	Off

Daily Log

May 5, 2016 12AM to May 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	591	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.2	1,336	-1.2	---	24.0	On
EW-3008	0.4	0.5	452	-0.7	---	24.0	On
EW-3009	3.0	3.2	4,391	-1.6	---	24.0	On
EW-3010	1.0	1.2	1,330	-2.3	---	24.0	On
EW-3011	0.0	0.5	3	-0.1	23.7	0.3	Off
EW-3012	0.6	0.9	728	-2.8	27.3	24.0	On
EW-3013	1.0	2.3	1,399	-6.5	34.0	24.0	On
EW-3014	0.0	0.7	241	-8.4	38.7	13.6	Off
EW-3015	1.0	6.0	606	-6.3	46.6	9.5	On
EW-3016	0.9	1.9	1,256	-6.8	51.8	24.0	On
EW-3017	0.0	1.0	181	-6.7	53.5	9.5	Off
EW-3018	0.0	1.1	92	-9.3	53.4	5.1	Off
EW-3019	0.9	2.3	1,264	-2.4	54.2	24.0	On
EW-3020	3.3	3.4	4,772	-1.9	45.1	24.0	On
EW-3021	0.0	3.9	276	0.8	28.9	15.2	Off
EW-3022	0.4	1.3	590	-2.6	37.1	24.0	On
EW-3023	2.6	2.9	3,778	-5.5	31.4	24.0	On
EW-3024	0.2	0.6	504	1.8	---	22.4	On
EW-3025	2.6	3.2	3,799	-4.3	39.9	24.0	On
EW-3026	3.2	3.9	4,567	-8.3	41.1	23.9	On
EW-3027	0.0	0.7	157	0.3	---	9.0	Off
EW-4001	1.9	2.6	2,937	-2.7	31.2	24.0	On
EW-4002	2.0	2.4	2,899	-47.1	15.9	24.0	On
EW-4003	1.9	2.2	2,768	-26.3	---	24.0	On
EW-4004	1.5	1.9	2,172	-12.8	18.5	24.0	On
EW-4005	1.9	2.1	2,733	-17.3	---	24.0	On
EW-4006	1.3	2.1	1,834	-51.2	34.0	24.0	On
EW-4007	1.0	1.2	1,432	-5.6	38.3	24.0	On
EW-4008	2.0	2.7	2,874	-8.0	35.7	24.0	On
EW-4009	0.9	1.3	1,135	-22.0	35.1	24.0	On
EW-4010	2.0	2.5	3,260	-0.8	45.3	24.0	On
EW-4011	2.1	2.5	3,031	-23.7	45.3	24.0	On
EW-5001	1.9	2.2	2,762	-22.7	---	24.0	On
EW-5002	0.0	0.0	0	3.3	23.2	0.0	Off
EW Totals	**152.0**		**205,593**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	203.9	156 GPM
FIT-500	209 GPM	176.3	237 GPM
Effluent Temp	97.2 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 5, 2016 12AM to May 6, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	24.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 5, 2016 12AM to May 6, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	34.8
Permeate Flow	FIT-642	0 GPM	25.0
Concentrate Flow	FIT-643	0 GPM	9.1

Inlet Conductivity	CIT-630	895.0 µS
Outlet Conductivity	CIT-642	125.3 µS
Hours Run		3.9 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	97.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 6, 2016 12AM to May 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.1	2,463	1.7	45.9	23.0	On
EW-2002	0.8	4.7	1,064	5.5	45.1	23.0	On
EW-2003	1.3	4.6	1,728	4.7	39.3	23.0	On
EW-2004	0.5	0.6	658	8.3	35.6	22.9	On
EW-2005	0.4	0.5	485	8.2	33.0	22.8	On
EW-2006	1.1	3.0	1,494	5.8	30.4	23.0	On
EW-2007	1.8	4.7	2,509	7.5	27.3	23.0	On
EW-2008	0.5	2.9	705	2.4	24.6	23.0	On
EW-2009	1.1	2.6	1,474	3.2	24.8	23.0	On
EW-2010	0.0	0.6	268	6.5	23.8	15.0	Off
EW-2011	0.0	0.6	306	9.5	22.3	16.3	Off
EW-2012	0.0	0.5	171	13.1	15.9	8.4	On
EW-2013	0.3	0.6	310	18.3	16.0	16.3	On
EW-2014	0.9	4.2	1,234	12.9	19.9	23.0	On
EW-2015	0.4	0.5	479	12.7	15.8	21.4	On
EW-2016	0.6	0.7	697	9.9	---	22.6	On
EW-2017	1.3	4.6	1,764	12.0	---	23.0	On
EW-2018	0.6	7.6	774	10.9	---	23.0	On
EW-2019	0.0	0.4	162	12.6	---	9.1	Off
EW-2020	0.0	0.5	281	11.7	---	15.2	Off
EW-2021	0.3	0.4	234	12.7	---	12.8	On
EW-2022	0.4	0.5	387	11.2	---	19.6	On
EW-2023	0.4	0.7	417	12.8	---	17.1	On
EW-2024	0.0	0.6	247	10.6	---	12.8	Off
EW-2025	0.8	6.9	1,050	10.8	---	23.0	On
EW-2026	0.6	7.5	829	9.4	---	23.0	On
EW-2027	0.7	7.6	989	8.3	---	23.0	On
EW-2028	0.7	7.4	952	8.8	---	23.0	On
EW-2029	0.7	7.5	999	7.3	---	23.0	On
EW-2030	1.4	7.4	1,864	10.1	---	23.0	On
EW-2031	1.4	7.7	1,839	10.8	---	23.0	On
EW-2032	0.4	7.0	612	9.1	---	23.0	On
EW-2033	0.4	4.1	583	10.0	---	23.0	On
EW-2034	0.7	2.8	1,025	8.2	25.6	23.0	On
EW-2035	1.1	2.7	1,449	6.5	23.1	23.0	On
EW-2036	0.8	3.0	1,085	13.2	31.3	23.0	On
EW-2037	0.7	6.6	970	3.8	35.1	23.0	On
EW-2101	22.6	23.9	24,786	10.1	56.6	23.0	On
EW-2102	16.6	18.3	19,843	14.7	58.1	23.0	On
EW-2103	0.0	0.0	0	17.5	35.6	0.0	Off
EW-2104	44.3	44.6	44,421	12.2	55.2	23.0	On
EW-3001	0.0	0.0	0	1.8	15.8	0.0	Off
EW-3002	0.5	0.6	575	2.8	14.7	23.0	On
EW-3003	0.0	0.0	0	4.3	14.8	0.0	Off

Daily Log

May 6, 2016 12AM to May 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	8	1.3	---	0.5	Off
EW-3005	0.5	0.5	593	-0.3	---	23.0	On
EW-3006	0.0	0.5	5	1.4	---	0.2	Off
EW-3007	1.0	6.0	1,390	-1.2	---	23.0	On
EW-3008	0.4	0.5	461	-0.7	---	23.0	On
EW-3009	3.1	6.9	4,331	-1.7	---	23.0	On
EW-3010	1.0	6.1	1,377	-2.4	---	23.0	On
EW-3011	0.0	0.5	22	-0.2	23.9	1.2	Off
EW-3012	0.6	0.8	716	-2.5	27.5	23.0	On
EW-3013	1.0	5.8	1,336	-6.5	34.3	23.0	On
EW-3014	0.0	0.6	229	-8.0	39.2	12.8	On
EW-3015	1.0	5.9	1,442	-6.3	46.9	23.0	On
EW-3016	0.9	3.4	1,146	-6.8	52.3	23.0	On
EW-3017	0.0	0.9	179	-7.1	54.3	9.3	Off
EW-3018	0.0	0.9	92	-9.4	54.2	5.3	Off
EW-3019	0.9	3.0	1,247	-2.5	54.8	23.0	On
EW-3020	3.4	5.4	4,666	-1.9	45.3	23.0	On
EW-3021	0.0	0.5	278	0.6	29.5	14.8	Off
EW-3022	0.5	4.9	613	-2.6	38.1	23.0	On
EW-3023	2.6	2.9	3,638	-5.3	31.9	23.0	On
EW-3024	0.4	0.6	492	1.8	---	21.6	On
EW-3025	2.7	5.7	3,737	-4.5	41.0	23.0	On
EW-3026	3.2	3.6	4,420	-8.4	42.2	23.0	On
EW-3027	0.0	0.7	146	0.2	---	8.3	Off
EW-4001	1.9	2.6	2,737	-2.6	31.6	22.9	On
EW-4002	2.0	6.7	2,823	-47.1	16.1	22.9	On
EW-4003	2.0	8.2	2,663	-26.1	---	22.9	On
EW-4004	1.6	1.8	2,163	-12.9	18.7	22.9	On
EW-4005	1.9	2.1	2,636	-17.0	---	22.9	On
EW-4006	1.3	5.2	1,817	-51.2	34.8	22.9	On
EW-4007	1.0	1.2	1,388	-5.4	39.3	22.9	On
EW-4008	2.0	2.7	2,750	-7.8	36.2	22.9	On
EW-4009	0.9	1.2	1,106	-22.4	35.2	22.9	On
EW-4010	2.0	2.7	2,992	-0.6	45.9	22.9	On
EW-4011	2.1	2.5	2,933	-22.6	45.7	22.9	On
EW-5001	2.0	2.2	2,662	-22.6	---	22.9	On
EW-5002	0.0	0.0	0	3.3	23.4	0.0	Off
EW Totals	**152.3**		**185,418**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	184.2	160 GPM
FIT-500	201 GPM	143.1	239 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 6, 2016 12AM to May 7, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	34 GPM	0.0
RC-7003	FIT-665	33 GPM	35.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 6, 2016 12AM to May 7, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	52.8
Permeate Flow	FIT-642	0 GPM	37.7
Concentrate Flow	FIT-643	0 GPM	14.1

Inlet Conductivity	CIT-630	887.5 µS
Outlet Conductivity	CIT-642	126.5 µS
Hours Run		6.7 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 7, 2016 12AM to May 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.9	2,546	1.4	47.5	23.8	On
EW-2002	0.8	4.3	1,102	5.4	46.8	23.8	On
EW-2003	1.3	4.5	1,796	4.5	40.8	23.8	On
EW-2004	0.6	0.7	658	7.0	37.1	23.8	On
EW-2005	0.4	0.6	523	7.2	34.4	23.8	On
EW-2006	1.1	3.3	1,571	5.7	31.6	23.8	On
EW-2007	1.8	4.5	2,592	7.6	28.4	23.8	On
EW-2008	0.5	2.7	719	2.6	26.1	23.8	On
EW-2009	1.1	2.5	1,515	3.4	26.2	23.8	On
EW-2010	0.0	0.7	270	5.2	25.2	15.4	Off
EW-2011	0.4	0.7	312	8.3	23.7	16.8	On
EW-2012	0.4	0.4	175	12.5	17.2	8.7	On
EW-2013	0.3	0.5	321	18.5	17.3	17.0	On
EW-2014	0.8	3.9	1,287	13.2	20.8	23.8	On
EW-2015	0.3	0.5	501	11.9	16.8	22.4	On
EW-2016	0.4	0.6	724	10.5	---	23.7	On
EW-2017	1.3	4.5	1,833	12.1	---	23.8	On
EW-2018	0.6	4.7	798	11.3	---	23.8	On
EW-2019	0.0	0.4	166	13.2	---	9.4	Off
EW-2020	0.3	0.5	288	12.0	---	15.6	On
EW-2021	0.0	0.4	245	11.7	---	13.3	Off
EW-2022	0.3	0.5	397	12.8	---	20.3	On
EW-2023	0.4	0.6	434	12.1	---	17.7	On
EW-2024	0.0	0.5	250	12.0	---	13.0	Off
EW-2025	0.8	5.2	1,082	11.2	---	23.8	On
EW-2026	0.6	4.8	851	9.8	---	23.8	On
EW-2027	0.7	5.7	1,014	8.7	---	23.8	On
EW-2028	0.7	5.3	976	9.2	---	23.8	On
EW-2029	0.7	5.9	1,026	7.7	---	23.8	On
EW-2030	1.2	7.1	1,916	10.4	---	23.8	On
EW-2031	1.2	7.3	1,901	11.1	---	23.8	On
EW-2032	0.4	3.6	627	9.5	---	23.8	On
EW-2033	0.4	3.3	595	10.4	---	23.8	On
EW-2034	0.7	2.5	1,050	8.1	26.4	23.8	On
EW-2035	1.0	2.7	1,499	6.5	23.8	23.8	On
EW-2036	0.7	2.4	1,087	13.2	32.3	23.8	On
EW-2037	0.6	5.7	983	4.1	36.5	23.8	On
EW-2101	22.0	23.6	31,759	10.0	57.1	23.8	On
EW-2102	16.3	17.1	23,290	14.7	58.7	23.8	On
EW-2103	0.0	0.0	0	17.6	36.6	0.0	Off
EW-2104	44.1	45.6	63,097	12.2	55.8	23.8	On
EW-3001	0.0	0.0	0	1.8	17.0	0.0	Off
EW-3002	0.3	0.5	577	2.8	15.7	23.7	On
EW-3003	0.0	0.0	0	4.3	15.7	0.0	Off

Daily Log

May 7, 2016 12AM to May 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	2	1.3	---	0.1	Off
EW-3005	0.3	0.5	578	-0.1	---	23.7	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	5.4	1,405	-0.9	---	23.7	On
EW-3008	0.2	0.5	441	-0.4	---	23.7	On
EW-3009	3.1	6.8	4,417	-1.7	---	23.7	On
EW-3010	0.9	6.0	1,413	-2.0	---	23.7	On
EW-3011	0.0	0.5	35	0.0	24.8	2.5	Off
EW-3012	0.4	0.8	723	-2.2	28.3	23.7	On
EW-3013	0.9	5.2	1,368	-6.3	35.1	23.7	On
EW-3014	0.3	0.5	231	-8.0	40.3	13.0	On
EW-3015	1.0	4.7	1,475	-6.1	47.8	23.7	On
EW-3016	0.8	2.5	1,169	-6.8	53.2	23.7	On
EW-3017	0.0	1.0	177	-5.6	55.1	8.9	Off
EW-3018	0.0	0.6	92	-8.9	54.8	5.0	Off
EW-3019	0.9	2.3	1,280	-2.4	55.5	23.7	On
EW-3020	3.4	5.8	4,817	-2.2	47.0	23.7	On
EW-3021	0.0	0.5	277	0.9	30.4	15.0	Off
EW-3022	0.4	4.5	622	-2.5	38.8	23.7	On
EW-3023	2.5	2.6	3,625	-4.7	32.3	23.7	On
EW-3024	0.3	0.5	487	1.5	---	22.1	On
EW-3025	2.7	5.8	3,859	-4.6	41.7	23.7	On
EW-3026	3.2	3.9	4,551	-8.6	42.9	23.7	On
EW-3027	0.0	0.7	188	0.3	---	10.7	Off
EW-4001	2.0	2.0	2,700	-2.7	32.7	23.6	On
EW-4002	2.0	6.2	2,891	-46.8	17.3	23.6	On
EW-4003	1.8	2.5	2,690	-25.3	---	23.6	On
EW-4004	1.4	1.9	2,145	-12.2	19.6	23.6	On
EW-4005	1.8	2.1	2,668	-16.4	---	23.6	On
EW-4006	1.2	4.9	1,847	-51.1	35.6	23.6	On
EW-4007	1.1	1.1	1,408	-5.7	40.0	23.6	On
EW-4008	1.9	2.2	2,792	-7.6	37.3	23.6	On
EW-4009	0.8	1.1	1,137	-21.5	36.1	23.6	On
EW-4010	2.4	2.7	2,979	-0.9	49.1	23.6	On
EW-4011	2.1	2.1	2,903	-22.0	48.9	23.6	On
EW-5001	1.8	2.1	2,688	-22.1	---	23.6	On
EW-5002	0.0	0.0	0	3.3	24.1	0.0	Off
EW Totals	**149.4**		**216,433**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	214.7	182 GPM
FIT-500	57 GPM	166.6	239 GPM
Effluent Temp	95.9 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

May 7, 2016 12AM to May 8, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	34 GPM	0.0
RC-7003	FIT-665	33 GPM	36.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 7, 2016 12AM to May 8, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	94 GPM	54.3
Permeate Flow	FIT-642	69 GPM	39.1
Concentrate Flow	FIT-643	24 GPM	14.2

Inlet Conductivity	CIT-630	864.0 µS
Outlet Conductivity	CIT-642	21.1 µS
Hours Run		8.9 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	97.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 8, 2016 12AM to May 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.9	2,525	1.7	45.3	24.0	On
EW-2002	0.8	0.9	1,086	5.5	44.6	24.0	On
EW-2003	1.2	1.4	1,763	4.7	38.7	24.0	On
EW-2004	0.5	0.6	762	7.6	35.1	24.0	On
EW-2005	0.4	0.5	496	8.4	32.4	23.9	On
EW-2006	1.1	1.2	1,540	5.9	29.7	24.0	On
EW-2007	1.8	1.9	2,566	7.6	26.7	24.0	On
EW-2008	0.4	0.6	714	2.6	24.5	24.0	On
EW-2009	1.0	1.1	1,522	3.3	24.7	24.0	On
EW-2010	0.3	0.4	264	6.5	23.8	15.1	On
EW-2011	0.3	0.5	309	9.3	22.3	16.7	On
EW-2012	0.0	0.5	157	12.8	15.4	7.7	Off
EW-2013	0.3	0.5	318	18.5	15.5	16.9	On
EW-2014	0.9	1.0	1,295	13.1	19.5	24.0	On
EW-2015	0.4	0.5	505	12.2	15.4	22.9	On
EW-2016	0.6	0.6	723	10.1	---	23.9	On
EW-2017	1.3	1.4	1,838	12.1	---	24.0	On
EW-2018	0.5	0.8	800	11.0	---	24.0	On
EW-2019	0.3	0.3	169	11.8	---	9.6	On
EW-2020	0.3	0.4	293	10.3	---	15.7	On
EW-2021	0.3	0.3	244	11.8	---	13.3	On
EW-2022	0.4	0.5	402	11.7	---	20.5	On
EW-2023	0.0	0.6	435	12.2	---	17.3	Off
EW-2024	0.3	0.4	256	9.9	---	13.6	On
EW-2025	0.8	0.9	1,083	10.8	---	24.0	On
EW-2026	0.6	0.8	850	9.4	---	24.0	On
EW-2027	0.7	0.9	1,014	8.3	---	24.0	On
EW-2028	0.7	0.9	974	8.8	---	24.0	On
EW-2029	0.7	0.9	1,025	7.3	---	24.0	On
EW-2030	1.4	1.5	1,915	10.1	---	24.0	On
EW-2031	1.3	1.5	1,898	10.8	---	24.0	On
EW-2032	0.4	0.6	628	9.1	---	24.0	On
EW-2033	0.4	0.6	594	10.0	---	24.0	On
EW-2034	0.7	0.8	1,042	8.2	25.3	24.0	On
EW-2035	1.0	1.1	1,504	6.5	22.4	24.0	On
EW-2036	0.7	0.8	1,078	13.1	31.4	24.0	On
EW-2037	0.7	0.8	976	3.8	35.4	24.0	On
EW-2101	21.7	22.2	31,480	9.9	57.6	24.0	On
EW-2102	15.8	16.3	22,994	14.8	59.0	24.0	On
EW-2103	0.0	0.0	0	17.7	35.6	0.0	Off
EW-2104	44.2	44.5	63,527	12.2	55.2	24.0	On
EW-3001	0.0	0.0	0	1.8	15.3	0.0	Off
EW-3002	0.5	0.5	585	2.8	14.2	24.0	On
EW-3003	0.0	0.0	0	4.3	14.3	0.0	Off

Daily Log

May 8, 2016 12AM to May 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	574	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,369	-1.1	---	24.0	On
EW-3008	0.4	0.4	433	-0.7	---	24.0	On
EW-3009	3.2	3.2	4,534	-1.8	---	24.0	On
EW-3010	1.0	1.1	1,374	-2.4	---	24.0	On
EW-3011	0.0	0.5	41	0.0	23.6	3.5	On
EW-3012	0.6	0.6	732	-2.3	27.4	24.0	On
EW-3013	1.0	1.1	1,366	-6.4	34.6	24.0	On
EW-3014	0.0	0.5	231	-8.3	40.0	13.1	Off
EW-3015	1.0	1.2	1,479	-6.0	48.0	24.0	On
EW-3016	0.8	0.9	1,170	-6.6	53.5	24.0	On
EW-3017	0.4	0.8	179	-5.8	55.6	9.3	On
EW-3018	0.0	0.6	94	-9.8	55.4	5.0	Off
EW-3019	0.9	1.0	1,275	-2.2	56.1	24.0	On
EW-3020	3.4	3.5	4,876	-2.0	44.8	24.0	On
EW-3021	0.3	0.4	298	-0.2	29.5	16.3	On
EW-3022	0.4	0.6	606	-2.3	37.8	24.0	On
EW-3023	2.5	2.5	3,604	-4.9	31.1	24.0	On
EW-3024	0.4	0.5	512	0.9	---	22.6	On
EW-3025	2.7	2.8	3,859	-4.5	40.6	24.0	On
EW-3026	3.1	3.2	4,556	-8.5	41.8	24.0	On
EW-3027	0.0	0.7	158	0.2	---	9.1	Off
EW-4001	2.1	2.1	2,973	-3.1	31.7	24.0	On
EW-4002	2.0	2.2	2,893	-47.1	15.6	24.0	On
EW-4003	2.0	2.1	2,819	-27.0	---	24.0	On
EW-4004	1.6	1.7	2,301	-13.6	18.1	24.0	On
EW-4005	2.0	2.0	2,799	-17.7	---	24.0	On
EW-4006	1.3	1.4	1,838	-51.1	34.7	24.0	On
EW-4007	1.0	1.1	1,491	-5.8	39.0	24.0	On
EW-4008	2.0	2.2	2,909	-8.2	36.1	24.0	On
EW-4009	0.8	0.9	1,161	-22.0	35.4	24.0	On
EW-4010	2.3	2.4	3,389	-1.2	48.4	24.0	On
EW-4011	2.1	2.1	2,975	-23.0	48.1	24.0	On
EW-5001	2.0	2.1	2,828	-23.5	---	24.0	On
EW-5002	0.0	0.0	0	3.2	22.7	0.0	Off
EW Totals	**152.4**		**217,844**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	216.2	156 GPM
FIT-500	0 GPM	176.1	240 GPM
Effluent Temp	97.4 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

May 8, 2016 12AM to May 9, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	34 GPM	0.0
RC-7003	FIT-665	33 GPM	37.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 8, 2016 12AM to May 9, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	56.1
Permeate Flow	FIT-642	0 GPM	40.1
Concentrate Flow	FIT-643	0 GPM	14.9

Inlet Conductivity	CIT-630	886.6 µS
Outlet Conductivity	CIT-642	163.2 µS
Hours Run		9.4 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	97.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 9, 2016 12AM to May 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,534	1.5	45.0	24.0	On
EW-2002	0.8	0.9	1,096	5.4	44.3	24.0	On
EW-2003	1.2	1.4	1,782	4.7	38.3	24.0	On
EW-2004	0.5	0.6	732	8.1	34.6	24.0	On
EW-2005	0.5	0.5	569	7.2	31.8	24.0	On
EW-2006	1.1	1.2	1,530	5.8	29.0	24.0	On
EW-2007	1.8	2.0	2,570	7.5	25.8	24.0	On
EW-2008	0.5	0.7	711	2.4	23.2	24.0	On
EW-2009	1.0	1.2	1,513	3.2	23.2	24.0	On
EW-2010	0.0	0.5	265	5.5	22.3	15.1	Off
EW-2011	0.0	0.5	311	8.2	20.9	16.8	Off
EW-2012	0.4	0.5	174	12.5	17.9	8.1	On
EW-2013	0.3	0.5	318	18.4	18.0	17.0	On
EW-2014	0.9	1.6	1,311	13.0	30.8	24.0	On
EW-2015	0.4	0.7	508	11.5	20.5	22.7	On
EW-2016	0.6	0.7	740	9.9	---	23.7	On
EW-2017	1.3	1.4	1,843	12.1	---	24.0	On
EW-2018	0.6	1.1	807	11.0	---	24.0	On
EW-2019	0.0	0.5	166	13.1	---	9.3	Off
EW-2020	0.0	0.5	291	10.1	---	15.7	Off
EW-2021	0.3	0.4	241	13.9	---	13.2	On
EW-2022	0.3	0.5	404	11.8	---	20.6	On
EW-2023	0.0	0.7	433	12.4	---	17.4	Off
EW-2024	0.0	0.6	251	12.1	---	13.4	On
EW-2025	0.8	1.1	1,088	10.8	---	24.0	On
EW-2026	0.6	1.1	854	9.4	---	24.0	On
EW-2027	0.7	1.2	1,017	8.3	---	24.0	On
EW-2028	0.7	1.2	978	8.8	---	24.0	On
EW-2029	0.7	1.2	1,029	7.3	---	24.0	On
EW-2030	1.3	1.7	1,920	10.1	---	24.0	On
EW-2031	1.3	1.7	1,904	10.8	---	24.0	On
EW-2032	0.4	0.9	631	9.1	---	24.0	On
EW-2033	0.4	0.8	598	10.0	---	24.0	On
EW-2034	0.7	1.0	1,038	8.2	24.8	24.0	On
EW-2035	1.1	1.2	1,508	6.5	21.6	24.0	On
EW-2036	0.7	1.2	1,057	13.2	55.4	24.0	On
EW-2037	0.7	2.3	970	4.0	64.1	24.0	On
EW-2101	21.6	22.6	26,940	10.1	57.7	24.0	On
EW-2102	15.4	17.1	20,451	14.9	58.8	24.0	On
EW-2103	39.8	40.3	21,514	15.5	95.9	9.4	On
EW-2104	38.9	44.5	52,463	12.7	89.2	24.0	On
EW-3001	0.0	0.0	0	1.8	17.8	0.0	Off
EW-3002	0.4	0.6	614	2.8	16.6	24.0	On
EW-3003	0.0	0.0	0	4.3	16.5	0.0	Off

Daily Log

May 9, 2016 12AM to May 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	622	-0.3	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.3	1,392	-1.1	---	24.0	On
EW-3008	0.4	0.5	479	-0.6	---	24.0	On
EW-3009	3.1	3.3	4,461	-1.7	---	24.0	On
EW-3010	1.0	1.3	1,362	-2.4	---	24.0	On
EW-3011	0.3	0.7	37	-0.2	23.2	3.2	On
EW-3012	0.5	0.9	746	-2.4	27.0	24.0	On
EW-3013	0.9	2.8	1,364	-6.5	34.2	24.0	On
EW-3014	0.3	0.5	230	-8.3	39.8	13.0	On
EW-3015	1.1	5.3	1,482	-6.3	47.7	23.9	On
EW-3016	0.8	2.4	1,171	-6.6	53.4	24.0	On
EW-3017	0.0	0.9	180	-7.0	55.4	9.3	Off
EW-3018	0.0	0.7	92	-9.6	55.0	5.0	Off
EW-3019	0.9	2.4	1,279	-2.3	55.9	23.2	On
EW-3020	3.4	3.5	4,868	-2.1	44.4	24.0	On
EW-3021	0.3	0.7	303	-0.3	46.1	16.5	On
EW-3022	0.4	1.1	597	-2.3	54.1	24.0	On
EW-3023	2.5	2.7	3,626	-5.2	30.8	24.0	On
EW-3024	0.4	0.6	517	0.8	---	22.6	On
EW-3025	2.7	3.1	3,840	-4.5	56.8	24.0	On
EW-3026	3.0	3.3	4,440	-7.8	57.9	24.0	On
EW-3027	0.0	0.7	100	0.2	---	5.8	Off
EW-4001	2.0	2.6	2,919	-3.1	55.7	24.0	On
EW-4002	1.9	2.4	2,877	-47.0	18.1	24.0	On
EW-4003	2.1	2.2	2,899	-28.8	---	24.0	On
EW-4004	1.7	1.8	2,354	-14.2	17.3	24.0	On
EW-4005	2.1	2.2	2,899	-19.3	---	24.0	On
EW-4006	1.3	2.1	1,818	-51.1	51.1	24.0	On
EW-4007	1.0	1.2	1,489	-6.1	55.5	24.0	On
EW-4008	2.0	2.7	2,945	-8.6	77.4	24.0	On
EW-4009	0.8	1.2	1,154	-22.6	35.2	24.0	On
EW-4010	2.1	2.5	3,208	-1.2	75.6	24.0	On
EW-4011	2.2	2.5	3,094	-25.5	75.5	24.0	On
EW-5001	2.1	2.2	2,921	-25.1	---	24.0	On
EW-5002	0.0	0.0	0	3.0	21.9	0.0	Off
EW Totals	**185.5**		**221,436**				

	Value	Total (KGal)	Peak Flow
FIT-100	184 GPM	219.9	190 GPM
FIT-500	200 GPM	173.3	240 GPM
Effluent Temp	94.6 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

May 9, 2016 12AM to May 10, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	33 GPM	0.0
RC-7003	FIT-665	33 GPM	38.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 9, 2016 12AM to May 10, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	58.1
Permeate Flow	FIT-642	0 GPM	41.5
Concentrate Flow	FIT-643	0 GPM	15.5

Inlet Conductivity	CIT-630	805.9 µS
Outlet Conductivity	CIT-642	26.4 µS
Hours Run		9.7 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 10, 2016 12AM to May 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	2.5	2,523	1.8	43.8	24.0	On
EW-2002	0.7	1.9	1,082	5.7	43.1	24.0	On
EW-2003	1.2	2.6	1,748	4.8	37.4	24.0	On
EW-2004	0.5	0.7	720	7.4	33.8	24.0	On
EW-2005	0.4	0.7	589	7.9	31.2	23.9	On
EW-2006	1.0	1.8	1,499	6.0	28.5	24.0	On
EW-2007	1.7	4.6	2,548	7.6	25.3	24.0	On
EW-2008	0.5	2.1	707	2.4	23.6	24.0	On
EW-2009	1.1	1.2	1,507	3.2	23.8	24.0	On
EW-2010	0.3	0.6	262	5.4	22.8	15.0	On
EW-2011	0.3	0.6	308	8.4	21.3	16.6	On
EW-2012	0.0	0.7	154	13.0	14.1	7.9	Off
EW-2013	0.3	0.6	315	17.3	14.2	16.9	On
EW-2014	0.9	1.8	1,313	13.1	18.3	24.0	On
EW-2015	0.4	0.7	511	12.0	14.1	23.1	On
EW-2016	0.6	0.6	750	10.3	---	24.0	On
EW-2017	1.3	1.4	1,831	12.2	---	24.0	On
EW-2018	0.6	1.0	808	10.9	---	24.0	On
EW-2019	0.3	0.4	168	12.9	---	9.6	On
EW-2020	0.0	0.5	289	11.3	---	14.7	Off
EW-2021	0.0	0.4	246	11.4	---	13.5	Off
EW-2022	0.3	0.5	405	12.1	---	20.6	On
EW-2023	0.5	0.6	438	10.8	---	17.6	On
EW-2024	0.0	0.5	256	10.6	---	13.9	Off
EW-2025	0.8	1.1	1,084	10.8	---	24.0	On
EW-2026	0.6	1.0	849	9.4	---	24.0	On
EW-2027	0.7	1.2	1,013	8.3	---	24.0	On
EW-2028	0.7	1.2	975	8.8	---	24.0	On
EW-2029	0.7	1.2	1,024	7.3	---	24.0	On
EW-2030	1.4	1.7	1,907	10.3	---	24.0	On
EW-2031	1.4	1.6	1,892	10.9	---	24.0	On
EW-2032	0.4	0.9	628	9.1	---	24.0	On
EW-2033	0.4	0.8	596	10.0	---	24.0	On
EW-2034	0.7	1.1	1,035	8.2	24.2	24.0	On
EW-2035	1.0	1.3	1,509	6.6	21.0	24.0	On
EW-2036	0.7	1.4	1,029	13.2	30.3	24.0	On
EW-2037	0.7	2.6	963	4.0	35.1	24.0	On
EW-2101	21.8	22.1	31,134	9.8	57.5	24.0	On
EW-2102	15.2	15.6	22,034	14.9	58.5	24.0	On
EW-2103	0.0	40.1	35,969	16.9	34.6	15.1	Off
EW-2104	44.1	44.5	58,776	12.4	54.0	24.0	On
EW-3001	0.0	0.0	0	1.8	14.1	0.0	Off
EW-3002	0.4	0.6	606	2.8	12.9	24.0	On
EW-3003	0.0	0.0	0	4.3	13.0	0.0	Off

Daily Log

May 10, 2016 12AM to May 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.5	618	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.2	1,386	-1.1	---	24.0	On
EW-3008	0.4	0.5	464	-0.6	---	24.0	On
EW-3009	3.1	3.3	4,465	-1.7	---	24.0	On
EW-3010	1.0	1.3	1,333	-2.3	---	24.0	On
EW-3011	0.0	0.5	53	-0.1	22.7	4.5	Off
EW-3012	0.6	1.5	757	-2.2	26.6	24.0	On
EW-3013	1.0	4.2	1,363	-6.5	34.2	24.0	On
EW-3014	0.3	2.0	230	-8.2	39.8	13.1	On
EW-3015	1.0	4.9	1,481	-6.2	47.7	23.9	On
EW-3016	0.8	2.1	1,165	-6.7	53.5	24.0	On
EW-3017	0.0	1.1	177	-6.2	55.4	9.3	Off
EW-3018	0.0	0.7	91	-9.3	55.3	4.9	Off
EW-3019	0.9	2.4	1,282	-2.4	56.0	24.0	On
EW-3020	3.3	6.2	4,824	-1.9	43.4	24.0	On
EW-3021	0.3	0.7	337	-0.1	28.0	18.4	On
EW-3022	0.4	1.5	587	-2.3	35.9	24.0	On
EW-3023	2.5	2.5	3,577	-5.1	30.1	24.0	On
EW-3024	0.5	0.5	530	0.8	---	22.8	On
EW-3025	2.6	3.3	3,802	-4.2	38.6	24.0	On
EW-3026	3.1	3.5	4,349	-8.3	39.7	24.0	On
EW-3027	0.0	0.7	115	0.1	---	6.7	Off
EW-4001	2.1	2.6	2,920	-3.5	30.7	24.0	On
EW-4002	2.0	2.4	2,868	-47.0	14.3	24.0	On
EW-4003	2.2	2.2	3,003	-29.3	---	24.0	On
EW-4004	1.6	2.0	2,332	-12.9	16.7	24.0	On
EW-4005	2.0	2.2	2,938	-18.7	---	24.0	On
EW-4006	1.3	2.4	1,810	-51.0	32.9	24.0	On
EW-4007	1.0	1.2	1,479	-5.7	37.1	24.0	On
EW-4008	2.0	2.8	2,950	-8.7	35.1	24.0	On
EW-4009	0.9	1.9	1,186	-23.9	35.1	24.0	On
EW-4010	2.4	2.5	3,152	-1.4	49.3	24.0	On
EW-4011	2.3	2.5	3,237	-28.1	49.2	24.0	On
EW-5001	2.0	2.2	2,925	-23.9	---	24.0	On
EW-5002	0.0	0.0	0	3.0	21.3	0.0	Off
EW Totals	**151.5**		**247,787**				

	Value	Total (KGal)	Peak Flow
FIT-100	151 GPM	245.9	188 GPM
FIT-500	69 GPM	196.0	242 GPM
Effluent Temp	97.5 °F		
Effluent pH	7.3		

Recharge and Injection Daily Report

May 10, 2016 12AM to May 11, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	34 GPM	0.0
RC-7003	FIT-665	33 GPM	40.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 10, 2016 12AM to May 11, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	59.5
Permeate Flow	FIT-642	70 GPM	42.1
Concentrate Flow	FIT-643	25 GPM	16.2

Inlet Conductivity	CIT-630	846.9 µS
Outlet Conductivity	CIT-642	24.6 µS
Hours Run		10.1 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	98.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 11, 2016 12AM to May 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.9	2,444	1.6	65.4	23.2	On
EW-2002	0.7	5.1	1,060	5.6	64.7	23.2	On
EW-2003	1.2	5.0	1,712	4.8	58.8	23.2	On
EW-2004	0.5	0.7	734	7.4	55.2	23.2	On
EW-2005	0.3	0.6	514	9.4	53.3	23.1	On
EW-2006	1.1	2.6	1,475	5.7	50.6	23.2	On
EW-2007	1.7	4.6	2,447	7.7	47.5	23.2	On
EW-2008	0.4	2.8	695	2.6	23.6	23.2	On
EW-2009	1.0	2.6	1,455	3.3	23.8	23.1	On
EW-2010	0.3	0.8	256	6.6	22.9	14.4	On
EW-2011	0.3	0.7	302	9.4	21.4	16.0	On
EW-2012	0.0	0.5	174	11.8	14.3	9.1	Off
EW-2013	0.3	0.5	311	17.3	14.3	16.5	On
EW-2014	0.9	3.8	1,306	13.0	18.3	23.9	On
EW-2015	0.4	0.6	518	11.7	14.1	23.3	On
EW-2016	0.5	0.6	726	10.3	---	23.9	On
EW-2017	1.3	4.5	1,819	12.1	---	23.9	On
EW-2018	0.6	3.6	807	10.9	---	23.9	On
EW-2019	0.3	0.3	167	13.1	---	9.5	On
EW-2020	0.0	4.8	288	11.5	---	12.3	Off
EW-2021	0.3	0.4	241	12.7	---	13.2	On
EW-2022	0.0	0.5	409	11.4	---	21.0	Off
EW-2023	0.4	6.1	438	11.1	---	17.5	On
EW-2024	0.3	0.4	254	10.0	---	13.8	On
EW-2025	0.8	3.9	1,076	10.8	---	23.9	On
EW-2026	0.6	3.6	842	9.4	---	23.9	On
EW-2027	0.7	4.2	1,006	8.3	---	23.9	On
EW-2028	0.7	4.1	967	8.8	---	23.9	On
EW-2029	0.7	4.4	1,018	7.3	---	23.9	On
EW-2030	1.3	6.7	1,893	10.2	---	23.9	On
EW-2031	1.3	6.8	1,875	10.8	---	23.9	On
EW-2032	0.4	2.8	623	9.1	---	23.9	On
EW-2033	0.4	2.5	591	10.0	---	23.9	On
EW-2034	0.7	2.2	1,025	8.0	25.9	23.2	On
EW-2035	1.1	2.7	1,465	6.5	21.7	23.2	On
EW-2036	0.8	5.7	1,031	13.3	30.1	22.7	On
EW-2037	0.7	5.4	955	4.0	34.3	23.9	On
EW-2101	20.5	26.1	29,630	10.3	62.8	23.3	On
EW-2102	19.7	27.2	23,640	14.6	65.6	23.3	On
EW-2103	0.0	0.0	0	17.3	34.4	0.0	Off
EW-2104	44.0	45.2	63,107	12.3	54.5	23.9	On
EW-3001	0.0	0.0	0	1.8	14.2	0.0	Off
EW-3002	0.4	0.5	580	2.8	13.0	23.9	On
EW-3003	0.0	0.0	0	4.3	13.1	0.0	Off

Daily Log

May 11, 2016 12AM to May 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	1	1.2	---	0.1	Off
EW-3005	0.5	0.5	586	-0.3	---	23.9	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	4.9	1,378	-1.1	---	23.9	On
EW-3008	0.4	0.4	436	-0.6	---	23.9	On
EW-3009	3.2	6.8	4,511	-1.8	---	23.9	On
EW-3010	0.9	5.9	1,306	-2.4	---	23.8	On
EW-3011	0.0	0.5	60	0.0	24.2	4.2	Off
EW-3012	0.5	0.8	707	-2.4	28.8	23.2	On
EW-3013	0.9	5.5	1,345	-6.4	37.3	23.2	On
EW-3014	0.3	0.7	230	-8.3	43.6	12.9	On
EW-3015	1.0	4.7	1,458	-6.2	52.7	23.1	On
EW-3016	0.8	2.4	1,151	-6.8	59.0	23.1	On
EW-3017	0.3	1.0	177	-6.4	61.1	9.1	On
EW-3018	0.0	0.6	91	-9.2	60.8	4.9	Off
EW-3019	0.9	2.7	1,255	-2.2	61.7	23.1	On
EW-3020	3.4	6.1	4,685	-2.2	64.9	23.1	On
EW-3021	0.3	0.5	335	-0.2	28.0	18.2	On
EW-3022	0.4	4.0	581	-2.4	36.1	23.9	On
EW-3023	2.5	2.9	3,488	-3.9	32.0	23.1	On
EW-3024	0.4	0.5	541	0.7	---	22.9	On
EW-3025	2.7	5.8	3,764	-4.5	38.8	23.9	On
EW-3026	3.1	3.6	4,452	-8.5	40.0	23.9	On
EW-3027	0.0	0.7	205	0.2	---	11.7	Off
EW-4001	2.0	2.5	2,963	-3.1	30.4	23.8	On
EW-4002	2.0	6.3	2,864	-47.1	14.5	23.8	On
EW-4003	1.9	2.2	2,855	-25.9	---	23.8	On
EW-4004	1.5	1.9	2,083	-12.4	17.3	23.0	On
EW-4005	2.0	2.1	2,825	-18.0	---	23.8	On
EW-4006	1.3	4.7	1,801	-51.0	33.0	23.8	On
EW-4007	1.0	1.1	1,405	-5.6	37.3	23.8	On
EW-4008	2.0	2.2	2,867	-8.0	35.0	23.8	On
EW-4009	0.8	1.2	1,097	-21.9	38.1	23.0	On
EW-4010	2.4	2.7	3,371	-1.3	46.8	23.8	On
EW-4011	2.0	2.4	3,124	-23.6	46.6	23.8	On
EW-5001	2.0	2.2	2,813	-23.9	---	23.8	On
EW-5002	0.0	1.9	21	3.1	21.9	0.2	Off
EW Totals	**154.0**		**214,706**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	213.3	168 GPM
FIT-500	203 GPM	181.9	245 GPM
Effluent Temp	97.9 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 11, 2016 12AM to May 12, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	40.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 11, 2016 12AM to May 12, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	59.7
Permeate Flow	FIT-642	0 GPM	43.0
Concentrate Flow	FIT-643	0 GPM	15.6

Inlet Conductivity	CIT-630	878.5 µS
Outlet Conductivity	CIT-642	90.0 µS
Hours Run		10.4 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	98.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 12, 2016 12AM to May 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.2	2,450	1.5	41.9	23.2	On
EW-2002	0.7	3.9	1,056	5.5	41.2	23.2	On
EW-2003	1.2	3.7	1,690	4.7	35.3	23.2	On
EW-2004	0.5	0.8	754	6.9	31.7	23.2	On
EW-2005	0.3	0.8	472	9.1	29.9	23.1	On
EW-2006	1.1	2.7	1,522	5.9	27.3	23.2	On
EW-2007	1.7	4.1	2,442	7.5	24.2	23.2	On
EW-2008	0.5	2.9	697	2.6	23.9	23.2	On
EW-2009	1.0	2.6	1,449	3.4	24.1	23.1	On
EW-2010	0.3	0.7	257	6.5	23.2	14.5	On
EW-2011	0.3	0.7	303	9.3	21.7	16.2	On
EW-2012	0.3	0.4	169	11.9	15.0	9.7	On
EW-2013	0.3	0.5	302	17.8	15.0	16.3	On
EW-2014	0.9	4.0	1,266	13.0	18.8	23.3	On
EW-2015	0.3	0.7	494	13.2	14.6	22.4	On
EW-2016	0.4	0.6	716	10.1	---	23.3	On
EW-2017	1.2	4.6	1,784	12.1	---	23.2	On
EW-2018	0.4	7.6	794	11.1	---	23.3	On
EW-2019	0.3	0.4	166	13.0	---	9.4	On
EW-2020	0.5	7.3	277	10.8	---	11.4	On
EW-2021	0.3	0.4	237	12.3	---	13.1	On
EW-2022	0.3	0.4	395	11.1	---	20.3	On
EW-2023	0.0	0.6	424	12.9	---	17.0	Off
EW-2024	0.0	0.5	250	10.7	---	13.6	Off
EW-2025	0.6	6.9	1,056	10.9	---	23.2	On
EW-2026	0.4	7.4	833	9.5	---	23.3	On
EW-2027	0.5	7.5	991	8.5	---	23.3	On
EW-2028	0.5	7.4	954	9.0	---	23.3	On
EW-2029	0.6	7.5	1,002	7.4	---	23.3	On
EW-2030	1.3	7.5	1,852	10.2	---	23.3	On
EW-2031	1.2	7.7	1,836	10.9	---	23.3	On
EW-2032	0.3	6.9	616	9.2	---	23.3	On
EW-2033	0.3	4.2	582	10.1	---	23.3	On
EW-2034	0.7	1.7	1,029	8.1	25.9	23.3	On
EW-2035	1.0	2.8	1,474	6.5	21.7	23.3	On
EW-2036	0.7	5.5	1,066	13.2	30.5	23.2	On
EW-2037	0.6	6.1	932	3.9	34.7	23.2	On
EW-2101	20.1	22.6	28,406	10.4	63.6	23.2	On
EW-2102	19.5	20.5	27,310	14.5	66.1	23.2	On
EW-2103	0.0	0.0	0	17.4	35.0	0.0	Off
EW-2104	44.1	45.1	61,318	12.4	53.7	23.2	On
EW-3001	0.0	0.0	0	1.8	14.5	0.0	Off
EW-3002	0.3	0.5	554	2.8	13.5	23.2	On
EW-3003	0.0	0.0	0	4.3	13.6	0.0	Off

Daily Log

May 12, 2016 12AM to May 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	7	1.2	---	0.4	Off
EW-3005	0.3	0.5	601	-0.2	---	23.2	On
EW-3006	0.0	0.5	4	1.4	---	0.2	Off
EW-3007	0.9	6.0	1,402	-1.1	---	23.2	On
EW-3008	0.2	0.4	451	-0.6	---	23.2	On
EW-3009	3.2	6.9	4,493	-1.8	---	23.2	On
EW-3010	0.9	6.1	1,304	-2.3	---	23.1	On
EW-3011	0.0	0.5	45	-0.1	24.3	3.0	Off
EW-3012	0.4	0.7	714	-2.1	28.9	23.2	On
EW-3013	0.9	5.2	1,345	-6.4	37.6	23.2	On
EW-3014	0.4	0.5	229	-8.3	44.1	12.9	On
EW-3015	1.0	4.5	1,454	-6.2	53.2	23.2	On
EW-3016	0.8	2.3	1,145	-6.5	59.2	23.2	On
EW-3017	0.0	1.0	178	-7.5	61.4	9.1	Off
EW-3018	0.3	0.6	91	-8.8	61.2	4.9	On
EW-3019	0.9	2.6	1,248	-2.3	62.2	23.2	On
EW-3020	3.4	5.4	4,730	-2.2	41.4	23.2	On
EW-3021	0.3	0.5	335	-0.4	28.6	17.9	On
EW-3022	0.4	4.7	586	-2.3	36.9	23.2	On
EW-3023	2.5	2.6	3,487	-3.9	32.1	23.2	On
EW-3024	0.3	0.5	518	1.7	---	22.0	On
EW-3025	2.7	5.8	3,763	-4.5	39.7	23.2	On
EW-3026	3.2	3.5	4,383	-8.6	40.9	23.2	On
EW-3027	0.0	0.7	129	0.2	---	7.4	Off
EW-4001	2.1	2.1	2,850	-3.3	30.9	23.1	On
EW-4002	2.0	6.7	2,824	-46.8	14.8	23.1	On
EW-4003	1.8	4.0	2,602	-25.5	---	23.1	On
EW-4004	1.5	1.8	2,096	-12.9	17.4	23.1	On
EW-4005	1.8	2.0	2,665	-16.6	---	23.1	On
EW-4006	1.3	5.1	1,786	-51.1	33.8	23.1	On
EW-4007	1.0	1.1	1,399	-6.0	38.1	23.1	On
EW-4008	2.1	2.2	2,762	-8.5	35.6	23.1	On
EW-4009	0.7	0.9	1,078	-21.1	38.1	23.1	On
EW-4010	2.4	2.7	3,304	-1.4	47.2	23.1	On
EW-4011	2.0	2.1	2,832	-22.3	47.0	23.1	On
EW-5001	1.8	2.0	2,686	-22.2	---	23.1	On
EW-5002	0.0	0.0	0	3.2	21.9	0.0	Off
EW Totals	**150.8**		**213,703**				

	Value	Total (KGal)	Peak Flow
FIT-100	149 GPM	212.0	187 GPM
FIT-500	70 GPM	175.1	246 GPM
Effluent Temp	96.5 °F		
Effluent pH	7.3		

Recharge and Injection Daily Report

May 12, 2016 12AM to May 13, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	39.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 12, 2016 12AM to May 13, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	58.0
Permeate Flow	FIT-642	69 GPM	41.9
Concentrate Flow	FIT-643	25 GPM	15.0

Inlet Conductivity	CIT-630	886.0 µS
Outlet Conductivity	CIT-642	22.9 µS
Hours Run		10.4 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 13, 2016 12AM to May 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,527	1.5	42.0	24.0	On
EW-2002	0.7	0.8	1,065	5.5	41.3	24.0	On
EW-2003	1.2	1.3	1,719	4.8	35.4	24.0	On
EW-2004	0.5	0.6	767	7.5	31.8	24.0	On
EW-2005	0.3	0.4	496	8.6	30.0	24.0	On
EW-2006	1.1	1.1	1,549	5.9	27.3	24.0	On
EW-2007	1.7	1.8	2,513	7.6	24.3	24.0	On
EW-2008	0.5	1.2	705	2.6	23.1	24.0	On
EW-2009	1.0	1.6	1,494	3.3	23.4	24.0	On
EW-2010	0.0	0.3	258	6.5	22.4	14.8	Off
EW-2011	0.0	0.4	305	9.4	20.9	16.5	Off
EW-2012	0.3	0.3	170	12.5	16.0	10.1	On
EW-2013	0.3	0.4	310	17.3	16.0	17.0	On
EW-2014	0.9	1.0	1,300	13.2	22.2	24.0	On
EW-2015	0.3	0.5	512	12.0	16.4	23.2	On
EW-2016	0.5	0.6	734	10.7	---	23.9	On
EW-2017	1.2	1.3	1,820	12.3	---	24.0	On
EW-2018	0.6	0.8	804	11.3	---	24.0	On
EW-2019	0.3	0.3	166	12.3	---	9.5	On
EW-2020	0.4	0.7	302	11.4	---	12.6	On
EW-2021	0.0	0.3	239	12.9	---	13.2	Off
EW-2022	0.3	0.4	405	11.4	---	20.9	On
EW-2023	0.4	0.6	436	12.3	---	17.5	On
EW-2024	0.3	0.4	252	10.2	---	13.8	On
EW-2025	0.7	0.9	1,072	11.2	---	24.0	On
EW-2026	0.6	0.7	844	9.8	---	24.0	On
EW-2027	0.7	0.9	1,003	8.7	---	24.0	On
EW-2028	0.7	0.8	967	9.2	---	24.0	On
EW-2029	0.7	0.9	1,018	7.7	---	24.0	On
EW-2030	1.3	1.4	1,893	10.4	---	24.0	On
EW-2031	1.3	1.4	1,876	11.1	---	24.0	On
EW-2032	0.4	0.6	622	9.5	---	24.0	On
EW-2033	0.4	0.5	586	10.4	---	24.0	On
EW-2034	0.7	0.7	1,031	8.3	26.0	24.0	On
EW-2035	1.0	1.1	1,504	6.6	21.7	24.0	On
EW-2036	0.7	2.0	1,060	13.2	37.0	24.0	On
EW-2037	0.6	0.9	943	4.1	42.1	24.0	On
EW-2101	19.7	20.3	28,771	10.3	64.4	24.0	On
EW-2102	19.0	19.7	27,785	14.4	66.4	24.0	On
EW-2103	12.9	16.1	10,700	16.7	48.0	13.7	On
EW-2104	42.7	44.8	62,274	12.4	63.6	24.0	On
EW-3001	0.0	0.0	0	1.8	15.8	0.0	Off
EW-3002	0.3	0.5	560	2.8	14.5	24.0	On
EW-3003	0.0	0.0	0	4.3	14.6	0.0	Off

Daily Log

May 13, 2016 12AM to May 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.3	0.5	607	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.1	1,387	-0.9	---	24.0	On
EW-3008	0.2	0.4	465	-0.4	---	24.0	On
EW-3009	3.1	3.2	4,531	-1.6	---	24.0	On
EW-3010	0.9	1.0	1,338	-2.1	---	24.0	On
EW-3011	0.0	0.5	2	-0.1	24.5	0.2	Off
EW-3012	0.5	0.6	730	-1.9	29.2	24.0	On
EW-3013	0.9	1.1	1,360	-6.2	38.0	24.0	On
EW-3014	0.3	0.5	230	-8.3	44.6	13.1	On
EW-3015	1.0	1.2	1,475	-6.0	53.7	24.0	On
EW-3016	0.8	0.9	1,161	-6.6	60.0	24.0	On
EW-3017	0.3	0.9	177	-7.5	62.5	9.3	On
EW-3018	0.0	0.6	91	-9.0	62.3	4.9	Off
EW-3019	0.9	1.0	1,265	-2.2	63.2	24.0	On
EW-3020	3.4	3.4	4,860	-2.2	41.5	24.0	On
EW-3021	0.3	0.5	313	-0.2	33.3	17.2	On
EW-3022	0.4	1.8	606	-2.3	41.2	24.0	On
EW-3023	2.6	2.6	3,678	-4.6	32.3	24.0	On
EW-3024	0.3	0.5	522	1.1	---	22.7	On
EW-3025	2.6	6.5	3,833	-4.4	44.0	23.9	On
EW-3026	3.2	5.6	4,440	-8.5	45.3	23.2	On
EW-3027	0.0	0.7	104	0.3	---	6.0	Off
EW-4001	1.9	2.6	2,859	-2.7	37.3	24.0	On
EW-4002	2.0	2.1	2,888	-47.0	16.1	24.0	On
EW-4003	1.8	1.9	2,689	-25.7	---	24.0	On
EW-4004	1.5	1.7	2,205	-12.7	17.5	24.0	On
EW-4005	1.8	1.9	2,665	-16.6	---	24.0	On
EW-4006	1.2	2.3	1,820	-50.9	38.3	24.0	On
EW-4007	0.9	1.2	1,421	-5.3	42.4	24.0	On
EW-4008	2.0	2.4	2,901	-8.2	46.5	24.0	On
EW-4009	0.7	0.9	1,110	-20.8	38.6	24.0	On
EW-4010	2.0	2.4	3,135	-1.0	52.6	24.0	On
EW-4011	2.1	2.2	2,971	-23.2	52.7	24.0	On
EW-5001	1.8	1.9	2,680	-22.1	---	24.0	On
EW-5002	0.0	0.0	0	3.2	22.0	0.0	Off
EW Totals	**161.6**		**227,873**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	226.2	166 GPM
FIT-500	65 GPM	182.0	246 GPM
Effluent Temp	96.6 °F		
Effluent pH	7.4		

Recharge and Injection Daily Report

May 13, 2016 12AM to May 14, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	41.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 13, 2016 12AM to May 14, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	62.0
Permeate Flow	FIT-642	69 GPM	44.8
Concentrate Flow	FIT-643	25 GPM	16.2

Inlet Conductivity	CIT-630	976.3 µS
Outlet Conductivity	CIT-642	21.1 µS
Hours Run		9.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 14, 2016 12AM to May 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,506	1.5	41.9	24.0	On
EW-2002	0.7	0.8	1,068	5.4	41.2	24.0	On
EW-2003	1.2	1.2	1,703	4.8	35.3	24.0	On
EW-2004	0.5	0.5	705	7.8	31.7	24.0	On
EW-2005	0.4	0.4	491	8.4	29.9	24.0	On
EW-2006	1.1	1.1	1,522	5.9	27.2	24.0	On
EW-2007	1.7	1.8	2,486	7.5	24.2	24.0	On
EW-2008	0.4	0.8	701	2.5	23.4	24.0	On
EW-2009	1.0	1.1	1,488	3.2	23.7	24.0	On
EW-2010	0.3	0.3	256	6.6	22.8	14.8	On
EW-2011	0.3	0.4	304	9.4	21.3	16.5	On
EW-2012	0.0	0.3	170	12.8	15.3	10.1	Off
EW-2013	0.3	0.4	303	18.3	15.3	16.7	On
EW-2014	0.9	0.9	1,290	13.1	21.8	24.0	On
EW-2015	0.4	0.5	511	12.1	16.0	23.2	On
EW-2016	0.6	0.6	720	10.4	---	23.8	On
EW-2017	1.3	1.3	1,808	12.2	---	24.0	On
EW-2018	0.6	0.7	802	10.9	---	24.0	On
EW-2019	0.3	0.3	165	12.2	---	9.5	On
EW-2020	0.0	0.6	300	11.1	---	12.6	Off
EW-2021	0.3	0.3	239	12.3	---	13.2	On
EW-2022	0.3	0.4	401	12.4	---	20.9	On
EW-2023	0.0	0.6	434	10.8	---	17.5	Off
EW-2024	0.3	0.4	250	10.4	---	13.7	On
EW-2025	0.8	0.8	1,066	10.9	---	24.0	On
EW-2026	0.6	0.7	837	9.4	---	24.0	On
EW-2027	0.7	0.9	997	8.3	---	24.0	On
EW-2028	0.7	0.8	962	8.8	---	24.0	On
EW-2029	0.7	0.8	1,012	7.3	---	24.0	On
EW-2030	1.3	1.4	1,877	10.3	---	24.0	On
EW-2031	1.3	1.4	1,858	11.0	---	24.0	On
EW-2032	0.4	0.6	617	9.1	---	24.0	On
EW-2033	0.5	0.5	579	10.0	---	24.0	On
EW-2034	0.7	0.7	1,021	8.3	25.7	24.0	On
EW-2035	1.1	1.1	1,498	6.5	21.4	24.0	On
EW-2036	0.7	0.8	1,035	13.3	36.9	24.0	On
EW-2037	0.7	0.7	936	4.0	42.1	24.0	On
EW-2101	19.7	19.9	28,369	10.3	64.1	24.0	On
EW-2102	18.7	19.3	27,175	14.3	66.3	24.0	On
EW-2103	13.1	13.3	18,724	16.5	48.0	24.0	On
EW-2104	42.5	42.9	61,137	12.4	62.9	24.0	On
EW-3001	0.0	0.0	0	1.8	15.2	0.0	Off
EW-3002	0.4	0.5	573	2.8	14.0	24.0	On
EW-3003	0.0	0.0	0	4.3	14.1	0.0	Off

Daily Log

May 14, 2016 12AM to May 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	592	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.0	1,359	-1.0	---	24.0	On
EW-3008	0.4	0.4	452	-0.6	---	24.0	On
EW-3009	3.1	3.2	4,480	-1.7	---	24.0	On
EW-3010	1.0	1.0	1,299	-2.2	---	24.0	On
EW-3011	0.0	0.0	0	-0.2	24.1	0.0	Off
EW-3012	0.6	0.6	723	-2.4	29.0	24.0	On
EW-3013	1.0	1.1	1,352	-6.3	37.9	24.0	On
EW-3014	0.0	0.5	229	-8.1	44.4	13.1	Off
EW-3015	1.0	1.2	1,473	-6.3	53.6	24.0	On
EW-3016	0.8	0.9	1,154	-6.6	59.9	24.0	On
EW-3017	0.0	0.7	175	-6.8	62.5	9.1	Off
EW-3018	0.0	0.6	92	-9.4	62.2	5.0	Off
EW-3019	0.9	1.0	1,260	-2.5	63.1	24.0	On
EW-3020	3.3	3.4	4,830	-2.2	41.4	24.0	On
EW-3021	0.3	0.3	310	-0.2	33.1	17.2	On
EW-3022	0.4	0.5	584	-2.3	41.1	24.0	On
EW-3023	2.6	2.6	3,771	-5.3	32.1	24.0	On
EW-3024	0.4	0.5	501	1.0	---	22.5	On
EW-3025	2.6	2.7	3,809	-4.5	43.9	24.0	On
EW-3026	3.2	3.2	4,613	-8.5	45.1	24.0	On
EW-3027	0.0	0.7	112	0.3	---	6.4	Off
EW-4001	1.9	1.9	2,718	-2.7	37.1	24.0	On
EW-4002	2.0	2.1	2,887	-47.1	15.5	24.0	On
EW-4003	1.9	1.9	2,694	-26.0	---	24.0	On
EW-4004	1.6	1.6	2,202	-12.9	17.1	24.0	On
EW-4005	1.9	1.9	2,670	-16.9	---	24.0	On
EW-4006	1.3	1.3	1,815	-50.9	38.1	24.0	On
EW-4007	1.0	1.0	1,361	-5.4	42.3	24.0	On
EW-4008	2.0	2.2	2,917	-8.3	46.4	24.0	On
EW-4009	0.8	0.9	1,115	-21.8	38.7	24.0	On
EW-4010	2.0	2.1	2,945	-1.0	52.7	24.0	On
EW-4011	2.1	2.2	2,996	-23.5	52.7	24.0	On
EW-5001	1.9	1.9	2,692	-22.3	---	24.0	On
EW-5002	0.0	0.0	0	3.2	21.7	0.0	Off
EW Totals	**162.8**		**233,076**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	231.6	166 GPM
FIT-500	241 GPM	197.8	247 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

May 14, 2016 12AM to May 15, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	41.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 14, 2016 12AM to May 15, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	94 GPM	60.3
Permeate Flow	FIT-642	72 GPM	43.4
Concentrate Flow	FIT-643	22 GPM	15.8

Inlet Conductivity	CIT-630	891.2 µS
Outlet Conductivity	CIT-642	22.3 µS
Hours Run		10.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 15, 2016 12AM to May 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.8	2,468	1.6	40.5	23.7	On
EW-2002	0.7	4.7	1,047	5.5	39.8	23.7	On
EW-2003	1.2	4.7	1,690	4.8	34.0	23.7	On
EW-2004	0.4	0.6	609	8.7	30.4	23.6	On
EW-2005	0.3	0.6	493	8.5	28.6	23.6	On
EW-2006	1.0	3.3	1,496	5.9	26.0	23.7	On
EW-2007	1.7	4.8	2,447	7.6	23.1	23.7	On
EW-2008	0.5	2.8	695	2.5	23.3	23.6	On
EW-2009	1.0	2.6	1,466	3.3	23.5	23.6	On
EW-2010	0.0	0.8	256	5.3	22.5	14.7	Off
EW-2011	0.4	0.7	302	8.1	21.0	16.4	On
EW-2012	0.0	0.3	170	12.0	15.2	10.1	Off
EW-2013	0.4	0.5	301	17.9	15.3	15.5	On
EW-2014	0.9	4.1	1,287	13.0	21.5	23.7	On
EW-2015	0.0	0.4	71	11.5	15.8	6.1	Off
EW-2016	0.5	0.7	701	10.3	---	23.1	On
EW-2017	1.3	4.6	1,807	12.1	---	23.7	On
EW-2018	0.5	7.4	796	11.1	---	23.7	On
EW-2019	0.0	0.4	164	12.4	---	9.4	Off
EW-2020	0.4	0.7	297	11.7	---	12.3	On
EW-2021	0.3	0.3	236	13.4	---	13.0	On
EW-2022	0.3	0.5	395	12.8	---	20.3	On
EW-2023	0.4	0.7	421	12.5	---	16.8	On
EW-2024	0.0	0.6	249	10.3	---	13.3	Off
EW-2025	0.7	6.8	1,062	10.9	---	23.7	On
EW-2026	0.6	7.1	834	9.5	---	23.7	On
EW-2027	0.7	7.3	993	8.4	---	23.7	On
EW-2028	0.7	7.2	959	8.9	---	23.7	On
EW-2029	0.7	7.3	1,009	7.4	---	23.7	On
EW-2030	1.3	7.3	1,873	10.1	---	23.7	On
EW-2031	1.3	7.5	1,842	10.9	---	23.7	On
EW-2032	0.4	6.6	616	9.2	---	23.7	On
EW-2033	0.4	3.9	579	10.1	---	23.7	On
EW-2034	0.7	1.7	1,027	8.2	25.6	23.7	On
EW-2035	1.0	2.7	1,495	6.5	21.3	23.7	On
EW-2036	0.7	5.6	1,019	13.1	36.1	23.6	On
EW-2037	0.7	5.7	926	3.9	41.7	23.6	On
EW-2101	19.3	21.9	27,579	10.3	64.8	23.7	On
EW-2102	18.5	20.1	26,532	14.3	66.3	23.7	On
EW-2103	13.1	17.7	18,531	16.3	47.0	23.6	On
EW-2104	41.4	44.1	58,991	12.4	61.3	23.6	On
EW-3001	0.0	0.0	0	1.8	15.1	0.0	Off
EW-3002	0.5	0.5	617	2.9	14.0	23.5	On
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

May 15, 2016 12AM to May 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	4	1.3	---	0.3	Off
EW-3005	0.5	0.5	626	-0.3	---	23.5	On
EW-3006	0.0	0.4	2	1.4	---	0.1	Off
EW-3007	1.0	5.9	1,357	-1.1	---	23.5	On
EW-3008	0.4	0.4	485	-0.7	---	23.5	On
EW-3009	3.2	6.9	4,508	-1.8	---	23.5	On
EW-3010	0.9	6.1	1,312	-2.3	---	23.5	On
EW-3011	0.0	0.5	15	-0.2	24.0	0.8	Off
EW-3012	0.5	0.7	725	-2.4	28.9	23.5	On
EW-3013	0.9	5.2	1,342	-6.1	38.2	23.5	On
EW-3014	0.3	0.5	229	-8.9	44.8	13.1	On
EW-3015	1.1	4.5	1,450	-6.0	53.9	23.5	On
EW-3016	0.8	2.3	1,143	-6.6	60.3	23.5	On
EW-3017	0.0	0.7	176	-7.3	62.8	9.1	Off
EW-3018	0.0	0.7	91	-9.6	62.6	5.0	Off
EW-3019	0.9	2.4	1,243	-2.4	63.5	23.5	On
EW-3020	3.3	6.3	4,723	-2.1	40.1	23.5	On
EW-3021	0.0	0.5	249	1.0	32.3	13.1	On
EW-3022	0.4	4.4	586	-2.5	40.5	23.5	On
EW-3023	2.6	2.7	3,720	-5.4	32.0	23.5	On
EW-3024	0.4	0.5	490	1.3	---	21.6	On
EW-3025	2.6	5.3	3,706	-4.4	43.2	23.5	On
EW-3026	3.2	5.4	4,548	-8.4	44.4	23.5	On
EW-3027	0.0	0.7	26	0.2	---	1.5	Off
EW-4001	1.9	2.3	2,737	-2.9	36.6	23.4	On
EW-4002	2.0	6.6	2,855	-47.1	15.4	23.4	On
EW-4003	1.9	9.0	2,650	-26.4	---	23.4	On
EW-4004	1.5	1.6	2,093	-12.5	16.9	23.4	On
EW-4005	1.9	1.9	2,607	-16.9	---	23.4	On
EW-4006	1.3	5.3	1,806	-51.1	37.4	23.4	On
EW-4007	1.0	1.1	1,383	-5.7	41.6	23.4	On
EW-4008	2.1	2.4	2,771	-8.0	45.6	23.4	On
EW-4009	0.8	0.8	1,068	-20.9	38.8	23.4	On
EW-4010	2.2	2.7	3,065	-1.1	53.6	23.4	On
EW-4011	2.1	2.4	2,980	-24.3	53.6	23.4	On
EW-5001	1.9	1.9	2,622	-22.4	---	23.4	On
EW-5002	0.0	0.0	0	3.2	21.6	0.0	Off
EW Totals	**160.6**		**227,740**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	227.0	214 GPM
FIT-500	0 GPM	194.3	244 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

May 15, 2016 12AM to May 16, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	26.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 15, 2016 12AM to May 16, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	40.7
Permeate Flow	FIT-642	0 GPM	29.4
Concentrate Flow	FIT-643	0 GPM	10.6

Inlet Conductivity	CIT-630	831.9 µS
Outlet Conductivity	CIT-642	21.4 µS
Hours Run		10.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 16, 2016 12AM to May 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.6	2,479	1.5	41.2	24.0	On
EW-2002	0.7	5.4	1,033	5.6	40.5	23.9	On
EW-2003	1.2	4.9	1,687	4.7	34.8	23.9	On
EW-2004	0.5	0.6	716	6.8	31.2	24.0	On
EW-2005	0.3	0.6	496	8.4	29.4	23.9	On
EW-2006	1.0	3.3	1,485	6.0	26.7	23.9	On
EW-2007	1.7	4.9	2,427	7.7	23.7	24.0	On
EW-2008	0.5	0.6	692	2.5	23.3	24.0	On
EW-2009	1.0	1.1	1,483	3.3	23.6	24.0	On
EW-2010	0.0	0.4	254	5.6	22.5	14.6	Off
EW-2011	0.0	0.5	300	8.4	21.0	16.4	Off
EW-2012	0.0	0.4	168	12.7	14.6	10.1	Off
EW-2013	0.3	0.6	300	18.3	14.7	15.8	On
EW-2014	0.9	1.8	1,283	13.2	18.6	24.0	On
EW-2015	0.3	6.2	285	12.7	14.6	14.5	On
EW-2016	0.5	0.6	732	10.6	---	23.9	On
EW-2017	1.2	1.4	1,799	12.2	---	24.0	On
EW-2018	0.5	1.0	793	11.3	---	24.0	On
EW-2019	0.0	0.3	164	12.2	---	9.4	Off
EW-2020	0.4	0.6	299	10.9	---	12.4	On
EW-2021	0.0	3.9	238	12.8	---	12.7	Off
EW-2022	0.3	0.5	399	11.1	---	20.6	On
EW-2023	0.0	0.6	430	12.5	---	17.2	Off
EW-2024	0.3	0.5	248	10.0	---	13.4	On
EW-2025	0.7	1.1	1,056	11.2	---	24.0	On
EW-2026	0.6	0.9	824	9.8	---	24.0	On
EW-2027	0.7	1.0	986	8.7	---	24.0	On
EW-2028	0.6	1.0	949	9.2	---	24.0	On
EW-2029	0.7	1.0	1,002	7.7	---	24.0	On
EW-2030	1.2	1.5	1,866	10.4	---	24.0	On
EW-2031	1.2	1.5	1,832	11.1	---	24.0	On
EW-2032	0.4	0.7	610	9.5	---	24.0	On
EW-2033	0.4	3.7	573	10.4	---	23.8	On
EW-2034	0.7	1.4	1,026	8.0	26.7	24.0	On
EW-2035	1.0	1.1	1,487	6.7	21.6	24.0	On
EW-2036	0.7	2.5	1,004	13.2	30.0	24.0	On
EW-2037	0.6	2.4	925	4.0	34.8	24.0	On
EW-2101	19.5	25.6	27,930	10.4	67.9	24.0	On
EW-2102	19.7	23.7	27,679	14.2	70.6	23.9	On
EW-2103	12.9	15.2	18,758	16.2	36.8	24.0	On
EW-2104	29.9	41.7	54,590	13.1	42.9	22.9	On
EW-3001	0.0	0.0	0	1.8	14.5	0.0	Off
EW-3002	0.4	0.6	601	2.9	13.4	24.0	On
EW-3003	0.0	0.0	0	4.3	13.5	0.0	Off

Daily Log

May 16, 2016 12AM to May 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.3	0.6	594	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.2	1,314	-0.9	---	24.0	On
EW-3008	0.3	0.5	456	-0.4	---	24.0	On
EW-3009	3.1	3.2	4,499	-1.6	---	24.0	On
EW-3010	0.8	1.1	1,280	-2.0	---	24.0	On
EW-3011	0.0	0.0	0	-0.2	25.1	0.0	Off
EW-3012	0.5	5.3	732	-1.9	30.4	24.0	On
EW-3013	0.9	4.8	1,346	-6.2	40.2	24.0	On
EW-3014	0.0	3.8	228	-9.0	47.0	13.0	On
EW-3015	1.1	4.3	1,463	-6.2	56.7	23.9	On
EW-3016	0.8	2.2	1,147	-6.6	63.6	24.0	On
EW-3017	0.0	1.0	174	-6.4	66.1	9.0	Off
EW-3018	0.0	0.6	90	-9.2	65.9	4.9	Off
EW-3019	0.9	2.2	1,248	-2.4	66.8	24.0	On
EW-3020	3.3	3.6	4,749	-2.1	40.8	24.0	On
EW-3021	0.3	0.7	278	0.4	28.2	15.1	On
EW-3022	0.4	1.5	577	-2.4	36.2	24.0	On
EW-3023	2.6	2.8	3,720	-5.4	33.0	24.0	On
EW-3024	0.3	0.6	500	1.4	---	22.1	On
EW-3025	2.6	3.5	3,721	-4.5	39.0	24.0	On
EW-3026	3.2	4.0	4,573	-8.6	40.2	24.0	On
EW-3027	0.5	0.7	88	0.2	---	5.2	On
EW-4001	2.0	2.5	2,784	-3.4	30.4	24.0	On
EW-4002	2.0	2.4	2,880	-46.8	14.8	24.0	On
EW-4003	1.9	2.1	2,736	-27.2	---	24.0	On
EW-4004	1.6	1.8	2,219	-13.4	17.6	24.0	On
EW-4005	1.8	2.0	2,675	-17.3	---	24.0	On
EW-4006	1.2	2.2	1,804	-50.9	33.2	24.0	On
EW-4007	1.0	1.2	1,421	-6.2	37.5	24.0	On
EW-4008	2.1	2.8	2,880	-8.9	35.3	24.0	On
EW-4009	0.8	1.2	1,130	-22.4	40.8	24.0	On
EW-4010	2.3	2.5	3,166	-1.5	48.1	24.0	On
EW-4011	2.3	2.5	3,108	-27.6	48.1	24.0	On
EW-5001	1.9	2.0	2,697	-22.5	---	24.0	On
EW-5002	0.0	0.0	0	3.1	22.0	0.0	Off
EW Totals	**149.2**		**226,163**				

	Value	Total (KGal)	Peak Flow
FIT-100	148 GPM	225.2	167 GPM
FIT-500	0 GPM	190.3	243 GPM
Effluent Temp	98.4 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

May 16, 2016 12AM to May 17, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	36 GPM	44.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 16, 2016 12AM to May 17, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	97 GPM	64.3
Permeate Flow	FIT-642	71 GPM	46.5
Concentrate Flow	FIT-643	24 GPM	16.7

Inlet Conductivity	CIT-630	874.7 µS
Outlet Conductivity	CIT-642	22.9 µS
Hours Run		6.7 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	99.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 17, 2016 12AM to May 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.8	2,470	1.6	41.5	24.0	On
EW-2002	0.7	1.6	1,028	5.6	40.7	24.0	On
EW-2003	1.1	5.1	1,633	4.9	34.8	23.9	On
EW-2004	0.5	0.6	731	7.1	31.3	23.9	On
EW-2005	0.4	3.8	568	7.3	29.5	24.0	On
EW-2006	1.0	3.7	1,465	5.7	26.8	23.9	On
EW-2007	1.6	1.8	2,383	7.8	23.8	24.0	On
EW-2008	0.5	0.7	696	2.5	24.1	24.0	On
EW-2009	1.1	1.2	1,487	3.4	24.4	24.0	On
EW-2010	0.3	0.4	257	5.6	23.4	14.7	On
EW-2011	0.3	0.5	304	9.1	21.9	16.3	On
EW-2012	0.3	3.5	136	12.9	15.6	8.4	On
EW-2013	0.0	0.9	306	17.8	15.6	15.7	Off
EW-2014	0.9	1.6	1,301	13.0	21.8	24.0	On
EW-2015	0.4	0.6	504	12.9	16.0	22.8	On
EW-2016	0.5	0.6	702	12.1	---	23.5	On
EW-2017	1.2	1.4	1,789	12.3	---	24.0	On
EW-2018	0.7	0.8	801	11.0	---	24.0	On
EW-2019	0.0	0.5	166	12.6	---	9.5	Off
EW-2020	0.0	0.5	298	10.2	---	12.5	Off
EW-2021	0.4	0.4	236	11.5	---	12.8	On
EW-2022	0.3	0.4	398	12.4	---	20.7	On
EW-2023	0.5	0.6	429	10.7	---	17.4	On
EW-2024	0.4	0.4	248	9.7	---	13.6	On
EW-2025	0.8	0.9	1,057	11.0	---	24.0	On
EW-2026	0.7	2.4	784	10.4	---	23.9	On
EW-2027	0.8	2.5	1,022	8.0	---	24.0	On
EW-2028	0.8	0.8	950	9.0	---	24.0	On
EW-2029	0.8	2.9	1,031	7.0	---	24.0	On
EW-2030	1.3	1.4	1,861	10.4	---	24.0	On
EW-2031	1.3	1.4	1,831	11.1	---	24.0	On
EW-2032	0.5	0.6	611	9.3	---	24.0	On
EW-2033	0.5	0.5	574	10.2	---	24.0	On
EW-2034	0.7	58.1	978	8.2	25.8	22.8	On
EW-2035	1.0	1.4	1,484	6.7	21.4	24.0	On
EW-2036	0.7	2.4	1,036	12.8	36.9	24.0	On
EW-2037	0.7	1.9	929	3.8	41.9	24.0	On
EW-2101	19.3	19.6	27,846	10.4	68.1	24.0	On
EW-2102	19.5	19.9	28,177	14.1	70.5	24.0	On
EW-2103	12.9	15.1	18,727	16.2	47.3	24.0	On
EW-2104	41.2	41.9	51,951	12.5	61.9	22.2	On
EW-3001	0.0	0.0	0	1.8	15.4	0.0	Off
EW-3002	0.4	5.7	591	2.9	14.2	24.0	On
EW-3003	0.0	0.0	0	4.3	14.2	0.0	Off

Daily Log

May 17, 2016 12AM to May 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	2	1.2	---	0.2	Off
EW-3005	0.5	0.5	618	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.2	1,259	-0.8	---	24.0	On
EW-3008	0.5	0.6	589	-0.7	---	23.8	On
EW-3009	2.9	3.2	4,232	-1.5	---	24.0	On
EW-3010	0.9	1.0	1,265	-2.1	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	24.8	0.0	Off
EW-3012	0.7	5.7	835	-4.2	30.3	23.8	On
EW-3013	1.0	1.3	1,344	-6.2	40.2	24.0	On
EW-3014	0.0	0.6	229	-8.8	47.1	13.1	Off
EW-3015	1.1	1.3	1,461	-6.0	56.8	24.0	On
EW-3016	0.8	1.0	1,141	-6.7	63.8	24.0	On
EW-3017	0.0	1.0	175	-6.7	66.3	9.2	Off
EW-3018	0.0	0.6	90	-9.0	66.1	5.0	Off
EW-3019	0.9	1.1	1,244	-2.4	66.9	24.0	On
EW-3020	3.3	3.7	4,729	-2.1	40.8	24.0	On
EW-3021	0.3	0.4	309	0.2	33.2	17.0	On
EW-3022	0.4	1.3	559	-2.4	41.5	24.0	On
EW-3023	2.5	2.6	3,666	-5.3	32.6	24.0	On
EW-3024	0.5	0.5	511	1.2	---	22.5	On
EW-3025	2.6	3.2	3,743	-4.5	44.2	24.0	On
EW-3026	3.3	4.8	4,690	-9.1	45.6	24.0	On
EW-3027	0.3	0.7	130	0.1	---	7.5	On
EW-4001	2.1	2.5	2,961	-3.5	37.3	24.0	On
EW-4002	2.0	2.7	2,868	-46.9	15.7	24.0	On
EW-4003	2.2	6.9	3,009	-28.1	---	24.0	On
EW-4004	1.6	1.8	2,294	-13.4	17.4	24.0	On
EW-4005	1.9	2.0	2,702	-17.5	---	24.0	On
EW-4006	1.3	1.9	1,791	-50.8	38.3	24.0	On
EW-4007	1.0	1.2	1,492	-6.2	42.7	24.0	On
EW-4008	1.9	2.7	2,839	-8.2	45.7	24.0	On
EW-4009	1.0	1.2	1,314	-31.0	41.0	24.0	On
EW-4010	2.0	2.5	2,999	-1.3	52.8	24.0	On
EW-4011	2.0	2.5	3,048	-24.5	52.7	24.0	On
EW-5001	1.9	2.0	2,726	-22.4	---	24.0	On
EW-5002	0.0	2.8	29	3.2	21.7	0.3	Off
EW Totals	**163.4**		**224,668**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	223.4	168 GPM
FIT-500	0 GPM	191.2	245 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

May 17, 2016 12AM to May 18, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	34 GPM	0.0
RC-7003	FIT-665	34 GPM	35.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 17, 2016 12AM to May 18, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	51.4
Permeate Flow	FIT-642	0 GPM	37.1
Concentrate Flow	FIT-643	0 GPM	13.4

Inlet Conductivity	CIT-630	857.1 µS
Outlet Conductivity	CIT-642	84.5 µS
Hours Run		11.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 18, 2016 12AM to May 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	4.0	2,500	1.4	39.2	23.9	On
EW-2002	0.8	4.6	1,050	5.4	38.3	23.9	On
EW-2003	1.1	4.4	1,628	4.9	32.4	23.9	On
EW-2004	0.5	0.7	750	7.3	28.7	23.9	On
EW-2005	0.5	3.9	599	7.1	26.8	23.9	On
EW-2006	1.0	3.2	1,433	5.6	24.2	23.9	On
EW-2007	1.7	4.9	2,348	7.7	21.2	23.9	On
EW-2008	0.5	2.7	707	2.4	22.7	23.9	On
EW-2009	1.0	2.5	1,499	3.2	22.9	23.8	On
EW-2010	0.0	0.8	260	6.0	21.9	14.9	Off
EW-2011	0.0	0.7	305	9.5	20.4	16.1	Off
EW-2012	0.0	0.6	92	12.5	15.2	6.0	Off
EW-2013	0.3	0.6	305	18.4	15.2	14.6	On
EW-2014	0.9	4.1	1,312	12.8	21.6	23.8	On
EW-2015	0.4	0.7	499	11.5	15.9	22.8	On
EW-2016	0.6	0.7	713	10.0	---	23.7	On
EW-2017	1.3	4.6	1,775	12.2	---	23.9	On
EW-2018	0.6	5.1	802	10.8	---	23.9	On
EW-2019	0.0	0.4	169	13.2	---	9.6	Off
EW-2020	0.0	0.7	294	11.8	---	12.4	Off
EW-2021	0.0	1.1	228	12.9	---	11.9	Off
EW-2022	0.3	0.5	392	11.9	---	20.6	On
EW-2023	0.0	0.7	423	13.0	---	17.3	Off
EW-2024	0.3	0.6	245	10.8	---	13.4	On
EW-2025	0.7	5.3	1,052	10.8	---	23.9	On
EW-2026	0.5	4.5	751	10.2	---	23.9	On
EW-2027	0.7	6.3	1,045	7.8	---	23.9	On
EW-2028	0.7	5.5	948	8.8	---	23.9	On
EW-2029	0.7	6.6	1,054	6.8	---	23.9	On
EW-2030	1.3	7.3	1,860	10.1	---	23.9	On
EW-2031	1.3	7.6	1,845	10.8	---	23.9	On
EW-2032	0.4	3.8	609	9.1	---	23.9	On
EW-2033	0.4	7.4	561	10.0	---	22.7	On
EW-2034	0.7	5.5	980	7.9	25.4	23.9	On
EW-2035	1.0	2.7	1,485	6.5	21.2	23.9	On
EW-2036	0.7	4.8	1,046	12.9	36.5	23.9	On
EW-2037	0.7	5.5	959	3.6	42.3	23.9	On
EW-2101	18.6	22.1	26,941	10.7	66.6	23.9	On
EW-2102	19.3	20.5	27,667	14.1	69.7	23.9	On
EW-2103	13.1	17.7	18,627	16.1	47.1	23.9	On
EW-2104	41.2	43.2	59,104	12.4	62.0	23.9	On
EW-3001	0.0	0.0	0	1.8	15.1	0.0	Off
EW-3002	0.4	0.6	593	2.9	13.9	23.8	On
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

May 18, 2016 12AM to May 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	1	1.2	---	0.1	Off
EW-3005	0.5	0.5	614	-0.2	---	23.8	On
EW-3006	0.0	0.4	0	1.4	---	0.0	Off
EW-3007	0.9	5.1	1,216	-1.0	---	23.8	On
EW-3008	0.5	0.6	713	-1.0	---	23.8	On
EW-3009	2.9	6.8	4,099	-1.6	---	23.8	On
EW-3010	0.9	6.0	1,260	-2.4	---	23.8	On
EW-3011	0.0	0.5	9	-0.1	24.3	0.5	Off
EW-3012	0.6	5.5	916	-4.5	29.8	23.8	On
EW-3013	0.9	4.9	1,334	-6.5	39.7	23.8	On
EW-3014	0.0	0.5	226	-8.2	46.4	12.9	Off
EW-3015	1.1	4.1	1,455	-6.2	55.8	23.8	On
EW-3016	0.8	2.1	1,139	-6.7	62.6	23.8	On
EW-3017	0.0	0.7	174	-6.7	65.1	8.9	Off
EW-3018	0.0	0.6	91	-9.8	64.8	5.0	On
EW-3019	0.8	1.9	1,239	-2.1	65.7	23.8	On
EW-3020	3.3	6.0	4,762	-2.2	38.6	23.8	On
EW-3021	0.0	0.5	325	0.4	32.8	17.8	Off
EW-3022	0.4	4.3	549	-2.4	41.1	23.8	On
EW-3023	2.5	2.5	3,580	-5.4	32.2	23.8	On
EW-3024	0.3	0.5	514	1.8	---	22.5	On
EW-3025	2.6	5.3	3,738	-4.5	43.9	23.8	On
EW-3026	3.3	5.5	4,711	-9.1	45.3	23.8	On
EW-3027	0.0	0.7	149	0.2	---	8.6	Off
EW-4001	2.0	2.2	2,888	-3.1	36.8	23.7	On
EW-4002	2.0	6.4	2,862	-47.1	15.3	23.7	On
EW-4003	1.9	2.6	2,774	-23.8	---	23.7	On
EW-4004	1.5	1.6	2,133	-12.4	16.9	23.7	On
EW-4005	1.9	1.9	2,641	-17.0	---	23.7	On
EW-4006	1.3	5.1	1,784	-51.2	38.0	23.7	On
EW-4007	1.1	1.1	1,504	-6.1	42.4	23.7	On
EW-4008	2.0	2.1	2,798	-8.3	45.6	23.7	On
EW-4009	1.0	1.0	1,372	-29.4	40.4	23.7	On
EW-4010	2.3	2.7	3,183	-1.4	54.7	23.7	On
EW-4011	2.1	2.2	2,969	-23.5	54.6	23.7	On
EW-5001	1.9	1.9	2,655	-22.3	---	23.7	On
EW-5002	0.0	0.0	0	3.2	21.5	0.0	Off
EW Totals	**159.6**		**229,829**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	228.4	168 GPM
FIT-500	0 GPM	188.8	247 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

May 18, 2016 12AM to May 19, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	34 GPM	0.0
RC-7003	FIT-665	34 GPM	36.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 18, 2016 12AM to May 19, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	53.3
Permeate Flow	FIT-642	69 GPM	38.3
Concentrate Flow	FIT-643	26 GPM	14.1

Inlet Conductivity	CIT-630	869.5 µS
Outlet Conductivity	CIT-642	21.4 µS
Hours Run		9.1 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 19, 2016 12AM to May 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.8	2,395	1.5	39.0	22.8	On
EW-2002	0.7	4.6	1,020	5.4	38.2	22.8	On
EW-2003	1.1	4.7	1,580	4.9	32.3	22.8	On
EW-2004	0.5	0.7	625	7.8	28.7	22.7	On
EW-2005	0.4	4.1	579	7.1	26.8	22.8	On
EW-2006	1.0	3.8	1,417	5.7	24.4	22.8	On
EW-2007	1.6	4.8	2,238	7.7	21.5	22.7	On
EW-2008	0.4	2.9	690	2.4	23.5	22.7	On
EW-2009	1.0	2.6	1,424	3.2	23.8	22.7	On
EW-2010	0.3	0.6	251	6.7	22.8	14.3	On
EW-2011	0.3	0.6	298	8.2	21.4	15.7	On
EW-2012	0.0	0.4	89	12.1	15.4	5.8	Off
EW-2013	0.4	0.6	294	17.6	15.4	13.9	On
EW-2014	0.9	4.3	1,244	12.8	22.0	22.7	On
EW-2015	0.3	0.6	468	12.1	16.2	21.8	On
EW-2016	0.4	0.7	666	9.9	---	22.8	On
EW-2017	1.2	4.6	1,714	12.2	---	22.8	On
EW-2018	0.4	7.6	772	11.0	---	22.8	On
EW-2019	0.0	0.4	167	11.6	---	9.4	Off
EW-2020	0.0	0.6	288	10.3	---	12.1	Off
EW-2021	0.0	0.6	224	13.1	---	11.5	Off
EW-2022	0.3	0.5	380	12.7	---	20.2	On
EW-2023	0.0	0.6	412	11.3	---	16.9	Off
EW-2024	0.3	0.6	239	10.7	---	13.0	On
EW-2025	0.6	7.0	1,008	11.0	---	22.7	On
EW-2026	0.4	7.3	733	10.4	---	22.7	On
EW-2027	0.6	7.4	1,010	8.0	---	22.8	On
EW-2028	0.5	7.3	914	9.0	---	22.8	On
EW-2029	0.6	7.3	1,013	7.0	---	22.8	On
EW-2030	1.2	7.3	1,780	10.2	---	22.8	On
EW-2031	1.2	7.6	1,783	10.9	---	22.8	On
EW-2032	0.3	6.8	587	9.3	---	22.8	On
EW-2033	0.2	7.4	559	10.2	---	22.8	On
EW-2034	0.6	6.0	947	8.1	25.6	22.8	On
EW-2035	1.0	2.6	1,408	6.4	21.2	22.8	On
EW-2036	0.7	5.0	1,008	12.9	37.2	22.7	On
EW-2037	0.6	5.8	920	3.7	42.8	22.7	On
EW-2101	18.4	21.1	25,097	10.8	67.4	22.7	On
EW-2102	18.8	20.5	25,723	14.1	69.9	22.7	On
EW-2103	12.9	17.5	17,695	16.1	47.6	22.7	On
EW-2104	41.1	42.2	55,949	12.4	61.9	22.7	On
EW-3001	0.0	0.3	1	1.8	15.3	0.1	Off
EW-3002	0.0	0.5	213	2.0	14.1	8.6	Off
EW-3003	0.0	0.3	0	4.3	14.2	0.0	Off

Daily Log

May 19, 2016 12AM to May 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	9	1.2	---	0.7	Off
EW-3005	0.3	0.6	530	-0.1	---	22.6	On
EW-3006	0.0	0.5	6	1.4	---	0.3	Off
EW-3007	0.8	6.1	1,247	-0.9	---	22.6	On
EW-3008	0.4	0.7	635	-0.8	---	22.6	On
EW-3009	2.9	6.9	4,122	-1.5	---	22.6	On
EW-3010	0.9	6.1	1,373	-2.3	---	22.6	On
EW-3011	0.0	4.5	8	-0.3	24.6	1.1	Off
EW-3012	0.4	5.6	785	-4.4	30.2	22.0	On
EW-3013	0.9	5.0	1,302	-6.2	40.2	22.6	On
EW-3014	0.3	0.5	224	-8.0	47.0	12.6	On
EW-3015	1.0	4.4	1,408	-6.1	56.4	22.6	On
EW-3016	0.8	2.2	1,115	-6.6	63.5	22.5	On
EW-3017	0.0	1.1	173	-7.5	65.8	8.7	Off
EW-3018	0.0	0.6	90	-9.6	65.6	4.9	Off
EW-3019	0.9	2.2	1,191	-2.5	66.6	22.6	On
EW-3020	3.3	6.3	4,558	-2.2	38.5	22.6	On
EW-3021	0.3	0.5	332	0.3	33.5	17.7	On
EW-3022	0.4	4.3	610	-2.5	41.9	22.6	On
EW-3023	2.6	2.6	3,454	-5.2	32.8	22.6	On
EW-3024	0.3	0.6	504	0.9	---	22.1	On
EW-3025	2.6	5.4	3,617	-4.6	44.7	22.5	On
EW-3026	3.3	5.2	4,528	-9.1	46.0	22.6	On
EW-3027	0.0	0.7	263	0.2	---	14.8	Off
EW-4001	2.2	2.2	2,741	-3.7	37.7	22.5	On
EW-4002	2.0	6.7	2,775	-46.9	15.6	22.5	On
EW-4003	2.0	5.0	2,578	-24.2	---	22.5	On
EW-4004	1.7	1.9	2,086	-14.5	17.2	22.5	On
EW-4005	2.0	2.2	2,572	-19.1	---	22.5	On
EW-4006	1.2	5.2	1,757	-51.0	38.7	22.5	On
EW-4007	1.0	1.2	1,417	-6.3	43.1	22.5	On
EW-4008	2.0	2.2	2,703	-8.7	46.1	22.5	On
EW-4009	1.0	2.1	1,344	-32.0	41.0	22.5	On
EW-4010	2.4	2.7	3,178	-1.7	55.8	22.5	On
EW-4011	2.1	2.4	2,854	-24.5	55.9	22.5	On
EW-5001	2.0	2.2	2,586	-24.4	---	22.5	On
EW-5002	0.0	0.0	0	3.2	21.5	0.0	Off
EW Totals	**157.6**		**218,495**				

	Value	Total (KGal)	Peak Flow
FIT-100	157 GPM	217.4	193 GPM
FIT-500	205 GPM	188.0	247 GPM
Effluent Temp	96.3 °F		
Effluent pH	6.9		

Recharge and Injection Daily Report

May 19, 2016 12AM to May 20, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	34 GPM	0.0
RC-7003	FIT-665	34 GPM	38.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 19, 2016 12AM to May 20, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	90 GPM	55.8
Permeate Flow	FIT-642	68 GPM	40.0
Concentrate Flow	FIT-643	21 GPM	14.8

Inlet Conductivity	CIT-630	865.8 µS
Outlet Conductivity	CIT-642	21.7 µS
Hours Run		9.1 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 20, 2016 12AM to May 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,507	1.4	38.8	24.0	On
EW-2002	0.7	0.8	1,058	5.4	38.0	24.0	On
EW-2003	1.1	1.2	1,612	5.0	32.1	24.0	On
EW-2004	0.4	0.5	638	8.3	28.5	24.0	On
EW-2005	0.4	0.5	597	7.2	26.7	24.0	On
EW-2006	1.0	1.1	1,474	5.7	24.3	24.0	On
EW-2007	1.6	1.7	2,351	7.7	21.5	24.0	On
EW-2008	0.5	0.7	710	2.5	23.2	24.0	On
EW-2009	1.0	1.1	1,499	3.3	23.5	24.0	On
EW-2010	0.3	0.4	256	6.2	22.5	14.7	On
EW-2011	0.0	0.4	304	8.5	21.0	16.3	Off
EW-2012	0.0	0.4	89	13.0	15.7	5.8	Off
EW-2013	0.3	0.5	303	18.1	15.8	14.5	On
EW-2014	0.9	1.0	1,306	12.9	22.0	24.0	On
EW-2015	0.3	0.5	500	11.6	16.3	22.8	On
EW-2016	0.4	0.6	701	10.8	---	23.5	On
EW-2017	1.2	1.3	1,810	12.2	---	24.0	On
EW-2018	0.4	0.8	805	11.0	---	24.0	On
EW-2019	0.3	0.3	169	12.9	---	9.6	On
EW-2020	0.0	0.5	292	11.2	---	12.4	Off
EW-2021	0.3	0.5	233	11.2	---	12.2	On
EW-2022	0.3	0.4	395	11.8	---	20.7	On
EW-2023	0.4	0.5	424	12.4	---	17.3	On
EW-2024	0.0	0.4	245	10.2	---	13.5	Off
EW-2025	0.6	0.9	1,061	11.0	---	24.0	On
EW-2026	0.4	0.7	763	10.4	---	24.0	On
EW-2027	0.6	0.9	1,053	8.0	---	24.0	On
EW-2028	0.5	0.8	953	9.0	---	24.0	On
EW-2029	0.6	0.9	1,057	7.0	---	24.0	On
EW-2030	1.2	1.4	1,873	10.3	---	24.0	On
EW-2031	1.2	1.4	1,872	10.9	---	24.0	On
EW-2032	0.3	0.6	610	9.3	---	24.0	On
EW-2033	0.2	0.6	582	10.2	---	24.0	On
EW-2034	0.6	0.8	970	8.1	25.9	24.0	On
EW-2035	1.0	1.0	1,485	6.5	21.3	24.0	On
EW-2036	0.7	0.8	1,037	12.9	37.3	24.0	On
EW-2037	0.6	0.7	947	3.8	42.9	24.0	On
EW-2101	18.2	18.6	26,358	10.8	68.1	24.0	On
EW-2102	18.5	19.1	26,865	14.1	70.4	24.0	On
EW-2103	12.9	13.2	18,741	16.0	47.7	24.0	On
EW-2104	41.3	41.6	59,368	12.3	61.9	24.0	On
EW-3001	0.0	0.0	0	1.8	15.6	0.0	Off
EW-3002	0.0	0.9	50	1.6	14.8	3.0	Off
EW-3003	0.0	0.0	0	4.3	14.6	0.0	Off

Daily Log

May 20, 2016 12AM to May 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.3	0.5	625	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	1.0	1,274	-0.9	---	24.0	On
EW-3008	0.4	0.6	717	-0.8	---	23.9	On
EW-3009	2.9	3.0	4,205	-1.5	---	24.0	On
EW-3010	0.9	1.1	1,429	-2.2	---	24.0	On
EW-3011	0.0	0.0	0	-0.2	25.0	0.0	Off
EW-3012	0.4	0.6	699	-4.1	30.7	24.0	On
EW-3013	0.9	1.1	1,344	-6.1	40.8	24.0	On
EW-3014	0.3	0.5	227	-8.8	47.7	13.0	On
EW-3015	1.0	1.2	1,452	-5.9	57.0	24.0	On
EW-3016	0.8	0.9	1,158	-6.5	64.0	24.0	On
EW-3017	0.3	0.8	172	-7.3	66.5	8.9	On
EW-3018	0.0	0.6	90	-9.4	66.4	5.0	Off
EW-3019	0.9	1.5	1,226	-2.1	67.2	24.0	On
EW-3020	3.3	3.4	4,792	-2.2	38.2	24.0	On
EW-3021	0.0	0.3	292	0.8	33.3	16.2	Off
EW-3022	0.4	0.5	614	-2.5	41.7	24.0	On
EW-3023	2.5	2.6	3,717	-5.2	33.0	24.0	On
EW-3024	0.3	0.5	536	1.0	---	22.9	On
EW-3025	2.6	2.6	3,751	-4.6	44.5	24.0	On
EW-3026	3.3	3.3	4,734	-9.1	45.8	24.0	On
EW-3027	0.0	0.7	85	0.2	---	5.0	Off
EW-4001	2.1	2.2	3,108	-3.6	37.8	24.0	On
EW-4002	1.9	2.2	2,887	-46.9	15.9	24.0	On
EW-4003	2.0	2.1	2,938	-24.1	---	24.0	On
EW-4004	1.7	1.8	2,445	-14.4	17.2	24.0	On
EW-4005	2.0	2.1	2,948	-19.0	---	24.0	On
EW-4006	1.2	1.3	1,813	-51.1	38.5	24.0	On
EW-4007	1.1	1.1	1,523	-6.4	42.9	24.0	On
EW-4008	2.0	2.2	2,927	-8.7	46.1	24.0	On
EW-4009	1.0	1.1	1,448	-31.4	41.7	24.0	On
EW-4010	2.4	2.4	3,433	-1.6	55.9	24.0	On
EW-4011	2.2	2.3	3,103	-24.7	55.8	24.0	On
EW-5001	2.0	2.1	2,939	-24.6	---	24.0	On
EW-5002	0.0	0.0	0	3.0	21.6	0.0	Off
EW Totals	**157.3**		**230,574**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	229.6	164 GPM
FIT-500	198 GPM	189.6	245 GPM
Effluent Temp	93.6 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

May 20, 2016 12AM to May 21, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	33 GPM	0.0
RC-7003	FIT-665	33 GPM	41.1
Injection Wells	FIT-510	0 GPM	0.1

RO System Daily Operation Report

May 20, 2016 12AM to May 21, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	62.3
Permeate Flow	FIT-642	0 GPM	44.6
Concentrate Flow	FIT-643	0 GPM	16.6

Inlet Conductivity	CIT-630	871.5 µS
Outlet Conductivity	CIT-642	51.2 µS
Hours Run		10.1 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	94.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 21, 2016 12AM to May 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.9	2,472	1.4	39.8	23.8	On
EW-2002	0.7	4.5	1,039	5.3	38.9	23.8	On
EW-2003	1.1	4.3	1,621	4.7	32.8	23.8	On
EW-2004	0.6	0.7	604	7.4	29.0	23.7	On
EW-2005	0.4	3.6	587	7.0	27.2	23.8	On
EW-2006	1.0	3.7	1,452	5.5	24.6	23.8	On
EW-2007	1.6	4.7	2,327	7.6	21.6	23.8	On
EW-2008	0.5	3.0	683	2.5	23.5	22.5	On
EW-2009	1.0	2.6	1,415	3.3	23.7	22.5	On
EW-2010	0.0	0.7	248	5.9	22.7	14.1	Off
EW-2011	0.3	0.7	295	8.5	21.2	15.4	On
EW-2012	0.0	0.5	88	13.0	15.4	5.7	On
EW-2013	0.3	0.6	290	18.1	15.5	13.9	On
EW-2014	0.9	4.3	1,299	12.7	22.1	23.7	On
EW-2015	0.3	0.7	493	11.9	16.3	22.5	On
EW-2016	0.4	0.6	697	11.4	---	23.4	On
EW-2017	1.2	4.6	1,783	12.0	---	23.8	On
EW-2018	0.4	7.1	796	11.0	---	23.8	On
EW-2019	0.0	0.4	170	12.9	---	9.6	Off
EW-2020	0.4	0.6	292	11.2	---	12.2	On
EW-2021	0.0	0.5	228	12.3	---	11.9	Off
EW-2022	0.3	0.5	396	11.3	---	20.6	On
EW-2023	0.0	0.6	422	12.6	---	17.2	Off
EW-2024	0.0	0.6	243	11.8	---	13.3	Off
EW-2025	0.6	6.7	1,050	10.9	---	23.7	On
EW-2026	0.3	6.6	756	10.4	---	23.7	On
EW-2027	0.6	7.2	1,043	8.0	---	23.8	On
EW-2028	0.5	7.1	948	8.9	---	23.8	On
EW-2029	0.6	7.2	1,050	6.9	---	23.8	On
EW-2030	1.2	7.2	1,854	10.2	---	23.8	On
EW-2031	1.2	7.4	1,844	10.9	---	23.8	On
EW-2032	0.3	5.9	607	9.2	---	23.8	On
EW-2033	0.2	5.3	580	10.1	---	23.8	On
EW-2034	0.6	5.8	965	7.9	25.9	23.8	On
EW-2035	1.0	2.6	1,472	6.4	21.3	23.8	On
EW-2036	0.7	4.8	989	12.6	37.2	22.5	On
EW-2037	0.6	5.8	905	3.6	42.8	22.5	On
EW-2101	18.0	20.6	26,019	10.9	68.1	23.8	On
EW-2102	18.3	19.9	26,238	14.2	70.2	23.8	On
EW-2103	13.0	17.8	17,593	16.1	47.7	22.5	On
EW-2104	41.1	43.1	55,664	12.5	62.2	22.5	On
EW-3001	0.0	0.4	1	1.8	15.4	0.1	Off
EW-3002	0.0	0.8	171	1.9	14.4	8.9	Off
EW-3003	0.0	0.7	0	4.3	14.4	0.0	Off

Daily Log

May 21, 2016 12AM to May 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	12	1.2	---	0.8	Off
EW-3005	0.3	0.5	559	0.0	---	22.4	On
EW-3006	0.0	0.5	7	1.4	---	0.3	Off
EW-3007	1.0	6.1	1,263	-0.9	---	22.4	On
EW-3008	0.4	0.6	653	-0.7	---	22.4	On
EW-3009	3.2	6.9	4,112	-1.6	---	22.4	On
EW-3010	1.0	6.1	1,378	-2.3	---	22.4	On
EW-3011	0.0	0.7	32	0.0	24.9	1.7	Off
EW-3012	0.5	5.5	699	-4.5	30.7	22.4	On
EW-3013	1.0	4.9	1,301	-6.4	40.9	22.4	On
EW-3014	0.3	0.5	224	-8.9	47.7	12.5	On
EW-3015	1.0	4.2	1,397	-6.1	57.0	22.4	On
EW-3016	0.8	2.2	1,118	-6.8	63.9	22.4	On
EW-3017	0.0	0.8	169	-5.8	66.3	8.5	Off
EW-3018	0.0	0.6	89	-8.8	66.3	4.8	On
EW-3019	0.9	2.2	1,170	-2.3	67.0	22.4	On
EW-3020	3.4	6.0	4,521	-2.2	39.2	22.4	On
EW-3021	0.0	0.5	305	0.8	34.0	16.3	Off
EW-3022	0.5	4.4	616	-2.6	43.5	22.4	On
EW-3023	2.6	2.6	3,415	-3.7	33.1	22.4	On
EW-3024	0.3	0.5	509	1.3	---	21.5	On
EW-3025	2.8	5.2	3,600	-4.6	46.5	22.4	On
EW-3026	3.5	5.5	4,516	-9.2	48.0	22.4	On
EW-3027	0.6	0.7	186	0.2	---	10.6	On
EW-4001	2.0	2.2	2,774	-2.7	37.7	22.0	On
EW-4002	2.0	6.8	2,749	-47.1	15.7	22.0	On
EW-4003	1.8	3.5	2,573	-16.7	---	22.0	On
EW-4004	1.4	1.8	2,100	-8.9	17.1	22.0	On
EW-4005	1.8	2.1	2,580	-12.8	---	22.0	On
EW-4006	1.3	5.6	1,769	-51.2	39.8	22.0	On
EW-4007	1.1	1.1	1,397	-5.3	44.6	22.0	On
EW-4008	1.9	2.2	2,666	-7.5	46.2	22.0	On
EW-4009	0.9	1.1	1,289	-19.1	41.7	22.0	On
EW-4010	2.4	2.7	3,110	-1.0	55.1	22.0	On
EW-4011	2.1	2.3	2,802	-15.7	55.2	22.0	On
EW-5001	1.8	2.1	2,574	-17.6	---	22.0	On
EW-5002	0.0	0.0	0	3.2	21.6	0.0	Off
EW Totals	**156.7**		**219,919**				

	Value	Total (KGal)	Peak Flow
FIT-100	157 GPM	218.8	212 GPM
FIT-500	66 GPM	176.5	245 GPM
Effluent Temp	93.2 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

May 21, 2016 12AM to May 22, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	33 GPM	0.0
RC-7003	FIT-665	33 GPM	41.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 21, 2016 12AM to May 22, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	92 GPM	59.7
Permeate Flow	FIT-642	66 GPM	42.5
Concentrate Flow	FIT-643	25 GPM	16.2

Inlet Conductivity	CIT-630	855.9 µS
Outlet Conductivity	CIT-642	21.4 µS
Hours Run		10.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	93.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 22, 2016 12AM to May 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,478	1.5	38.7	24.0	On
EW-2002	0.7	0.8	1,037	5.4	37.9	24.0	On
EW-2003	1.1	1.2	1,606	4.9	32.0	24.0	On
EW-2004	0.5	0.6	782	7.0	28.5	24.0	On
EW-2005	0.4	0.5	581	7.2	26.7	24.0	On
EW-2006	1.0	1.1	1,437	5.7	24.2	24.0	On
EW-2007	1.6	1.7	2,330	7.8	21.4	24.0	On
EW-2008	0.5	0.6	709	2.5	23.5	24.0	On
EW-2009	1.0	1.1	1,492	3.3	23.7	24.0	On
EW-2010	0.3	0.4	251	6.0	22.7	14.5	On
EW-2011	0.0	0.4	303	8.4	21.1	16.2	Off
EW-2012	0.0	0.4	92	12.2	15.5	6.0	Off
EW-2013	0.4	0.5	302	18.2	15.6	14.5	On
EW-2014	0.9	0.9	1,299	13.0	22.0	24.0	On
EW-2015	0.3	0.5	494	12.4	16.3	22.5	On
EW-2016	0.4	0.6	696	10.6	---	23.5	On
EW-2017	1.2	1.3	1,784	12.3	---	24.0	On
EW-2018	0.5	0.7	796	11.2	---	24.0	On
EW-2019	0.3	0.3	168	12.8	---	9.6	On
EW-2020	0.4	0.5	292	10.4	---	12.4	On
EW-2021	0.3	0.4	230	11.5	---	12.1	On
EW-2022	0.3	0.4	391	13.0	---	20.5	On
EW-2023	0.0	0.5	423	12.5	---	17.4	Off
EW-2024	0.3	0.4	245	10.1	---	13.4	On
EW-2025	0.6	0.8	1,046	11.2	---	24.0	On
EW-2026	0.5	0.7	754	10.6	---	24.0	On
EW-2027	0.7	0.9	1,038	8.2	---	24.0	On
EW-2028	0.6	0.8	945	9.2	---	24.0	On
EW-2029	0.7	0.9	1,047	7.2	---	24.0	On
EW-2030	1.2	1.4	1,852	10.4	---	24.0	On
EW-2031	1.2	1.3	1,834	11.1	---	24.0	On
EW-2032	0.4	0.6	605	9.5	---	24.0	On
EW-2033	0.4	0.6	578	10.4	---	24.0	On
EW-2034	0.6	0.8	963	8.1	26.0	24.0	On
EW-2035	1.0	1.0	1,476	6.5	21.2	24.0	On
EW-2036	0.7	0.8	1,024	13.0	37.0	24.0	On
EW-2037	0.6	0.7	931	3.9	42.7	24.0	On
EW-2101	18.0	18.3	25,900	10.7	67.9	24.0	On
EW-2102	18.1	18.4	25,964	14.1	70.0	24.0	On
EW-2103	12.9	13.2	18,743	16.0	47.6	24.0	On
EW-2104	41.1	41.6	59,345	12.2	62.0	24.0	On
EW-3001	0.0	0.0	0	1.8	15.4	0.0	Off
EW-3002	0.0	0.6	114	2.0	14.5	6.4	Off
EW-3003	0.0	0.0	0	4.3	14.5	0.0	Off

Daily Log

May 22, 2016 12AM to May 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.3	0.5	606	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	1.0	1,273	-0.8	---	24.0	On
EW-3008	0.4	0.6	702	-0.7	---	23.8	On
EW-3009	2.9	3.2	4,261	-1.5	---	24.0	On
EW-3010	0.9	1.1	1,401	-2.1	---	24.0	On
EW-3011	0.0	0.7	2	-0.2	25.0	0.1	Off
EW-3012	0.5	0.6	702	-4.3	30.7	24.0	On
EW-3013	0.9	1.0	1,346	-6.3	40.9	24.0	On
EW-3014	0.0	0.5	225	-8.2	47.6	12.9	Off
EW-3015	1.0	1.2	1,448	-6.2	56.8	24.0	On
EW-3016	0.8	0.9	1,162	-6.7	63.8	24.0	On
EW-3017	0.0	0.8	171	-6.3	66.4	8.8	Off
EW-3018	0.0	0.6	90	-8.9	66.1	4.9	Off
EW-3019	0.8	1.6	1,219	-2.3	67.0	24.0	On
EW-3020	3.3	3.4	4,781	-2.1	38.1	24.0	On
EW-3021	0.3	0.3	289	-0.4	33.7	16.1	On
EW-3022	0.4	0.5	617	-2.3	42.1	24.0	On
EW-3023	2.6	2.6	3,735	-5.4	33.3	24.0	On
EW-3024	0.3	0.5	531	1.1	---	22.8	On
EW-3025	2.6	2.8	3,757	-4.5	44.8	24.0	On
EW-3026	3.4	3.5	4,868	-9.1	46.3	24.0	On
EW-3027	0.0	0.7	122	0.2	---	7.1	Off
EW-4001	2.0	2.1	2,937	-3.1	37.5	24.0	On
EW-4002	2.0	2.2	2,918	-46.9	15.7	24.0	On
EW-4003	1.8	1.9	2,683	-21.6	---	24.0	On
EW-4004	1.4	1.5	2,115	-11.9	17.1	24.0	On
EW-4005	1.8	1.9	2,664	-16.4	---	24.0	On
EW-4006	1.3	1.4	1,878	-51.1	38.9	24.0	On
EW-4007	1.0	1.1	1,528	-5.8	43.2	24.0	On
EW-4008	1.9	2.2	2,868	-8.1	46.0	24.0	On
EW-4009	1.0	1.0	1,373	-29.7	41.8	24.0	On
EW-4010	2.4	2.4	3,396	-1.3	55.2	24.0	On
EW-4011	2.1	2.2	3,009	-23.5	55.2	24.0	On
EW-5001	1.8	1.9	2,676	-22.2	---	24.0	On
EW-5002	0.0	0.0	0	3.2	21.5	0.0	Off
EW Totals	**156.4**		**227,727**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	226.4	163 GPM
FIT-500	236 GPM	190.3	246 GPM
Effluent Temp	93.6 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 22, 2016 12AM to May 23, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	33 GPM	0.0
RC-7003	FIT-665	33 GPM	42.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 22, 2016 12AM to May 23, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	92 GPM	61.9
Permeate Flow	FIT-642	66 GPM	44.0
Concentrate Flow	FIT-643	25 GPM	16.7

Inlet Conductivity	CIT-630	854.2 µS
Outlet Conductivity	CIT-642	22.0 µS
Hours Run		11.1 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 23, 2016 12AM to May 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.8	2,447	1.4	36.1	23.9	On
EW-2002	0.8	4.8	1,021	5.3	35.0	23.9	On
EW-2003	1.1	4.2	1,578	4.7	28.9	23.9	On
EW-2004	0.5	0.7	702	7.8	25.2	23.8	On
EW-2005	0.5	3.0	550	7.9	23.3	23.1	On
EW-2006	1.0	4.1	1,406	5.5	20.7	23.9	On
EW-2007	1.6	5.1	2,300	7.6	17.7	23.9	On
EW-2008	0.5	2.8	701	2.4	19.2	23.9	On
EW-2009	1.0	2.6	1,486	3.2	19.4	23.9	On
EW-2010	0.0	0.8	249	6.4	18.4	14.0	Off
EW-2011	0.0	0.8	299	9.2	16.9	15.1	Off
EW-2012	0.0	0.4	91	12.2	12.7	5.9	Off
EW-2013	0.0	0.6	301	18.2	12.7	14.4	Off
EW-2014	0.9	4.0	1,294	12.7	12.6	23.9	On
EW-2015	0.4	0.6	482	12.6	11.4	21.8	On
EW-2016	0.6	0.7	686	10.1	---	23.3	On
EW-2017	1.3	4.6	1,774	12.1	---	23.9	On
EW-2018	0.5	3.2	792	10.8	---	23.9	On
EW-2019	0.0	0.5	168	11.8	---	9.1	Off
EW-2020	0.0	0.7	289	11.0	---	11.9	Off
EW-2021	0.0	0.6	226	12.0	---	11.5	Off
EW-2022	0.5	0.6	381	11.3	---	19.2	On
EW-2023	0.0	0.7	419	12.2	---	16.9	Off
EW-2024	0.0	0.6	242	10.1	---	13.1	Off
EW-2025	0.7	3.5	1,044	10.8	---	23.9	On
EW-2026	0.5	2.9	750	10.2	---	23.9	On
EW-2027	0.7	4.0	1,034	7.9	---	23.9	On
EW-2028	0.6	3.6	942	8.8	---	23.9	On
EW-2029	0.7	4.2	1,042	6.9	---	23.9	On
EW-2030	1.3	6.4	1,847	10.1	---	23.9	On
EW-2031	1.3	6.4	1,821	10.8	---	23.9	On
EW-2032	0.4	2.2	602	9.2	---	23.9	On
EW-2033	0.4	2.2	576	10.0	---	23.9	On
EW-2034	0.7	3.6	955	7.9	14.4	23.9	On
EW-2035	1.0	2.8	1,463	6.4	17.1	23.9	On
EW-2036	0.7	5.0	1,014	12.6	18.7	23.9	On
EW-2037	0.6	5.4	906	4.4	21.2	23.2	On
EW-2101	5.1	25.4	14,254	13.9	19.8	23.8	On
EW-2102	5.2	23.2	14,233	15.4	19.9	23.8	On
EW-2103	5.0	13.2	11,604	16.6	17.4	23.9	On
EW-2104	10.1	41.6	31,503	14.2	17.5	23.9	On
EW-3001	0.0	0.0	0	1.8	12.7	0.0	Off
EW-3002	0.3	0.6	72	1.8	11.8	4.8	On
EW-3003	0.0	0.0	0	4.3	11.8	0.0	Off

Daily Log

May 23, 2016 12AM to May 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	2	1.3	---	0.1	Off
EW-3005	0.5	0.7	602	-0.2	---	23.8	On
EW-3006	0.0	0.5	0	1.4	---	0.0	Off
EW-3007	0.9	5.7	1,256	-1.0	---	23.7	On
EW-3008	0.4	0.8	624	-0.3	---	22.7	On
EW-3009	3.0	6.8	4,158	-1.6	---	23.8	On
EW-3010	1.0	6.0	1,398	-2.4	---	23.8	On
EW-3011	0.0	0.7	7	-0.2	13.5	0.3	Off
EW-3012	0.5	6.2	695	-4.5	14.2	23.8	On
EW-3013	0.9	5.8	1,342	-6.5	16.4	23.8	On
EW-3014	0.0	0.7	224	-8.3	17.3	12.4	Off
EW-3015	1.0	6.0	1,445	-6.3	18.1	23.8	On
EW-3016	0.8	3.4	1,162	-6.9	19.6	23.8	On
EW-3017	0.0	0.7	170	-6.8	19.5	8.2	Off
EW-3018	0.0	0.6	90	-9.5	19.3	5.1	Off
EW-3019	0.8	2.3	1,194	-1.3	20.1	23.6	On
EW-3020	3.4	6.2	4,701	-2.1	35.3	23.8	On
EW-3021	0.0	0.5	274	0.5	19.9	14.9	Off
EW-3022	0.5	4.6	610	-2.6	28.8	23.8	On
EW-3023	2.6	2.9	3,778	-6.6	20.2	23.8	On
EW-3024	0.5	0.7	509	0.7	---	22.4	On
EW-3025	2.6	5.6	3,645	-4.6	31.7	23.8	On
EW-3026	3.4	6.1	4,809	-9.2	32.9	23.8	On
EW-3027	0.0	0.7	169	0.3	---	9.6	Off
EW-4001	2.2	2.2	2,894	-3.6	19.2	23.6	On
EW-4002	2.0	6.5	2,893	-47.2	12.8	23.6	On
EW-4003	2.2	2.8	2,790	-24.8	---	23.6	On
EW-4004	1.8	1.8	2,233	-14.3	13.5	23.6	On
EW-4005	2.2	2.3	2,783	-18.9	---	23.6	On
EW-4006	1.3	5.9	1,860	-51.2	25.4	23.6	On
EW-4007	1.1	1.1	1,462	-6.2	30.0	23.6	On
EW-4008	2.2	2.3	2,866	-9.1	17.8	23.6	On
EW-4009	1.1	1.3	1,415	-32.2	18.5	23.6	On
EW-4010	2.3	2.6	3,263	-1.7	34.1	23.6	On
EW-4011	2.2	2.3	3,014	-24.6	34.1	23.6	On
EW-5001	2.2	2.3	2,791	-24.9	---	23.6	On
EW-5002	0.0	2.8	20	3.0	17.5	0.2	Off
EW Totals	**93.5**		**168,695**				

	Value	Total (KGal)	Peak Flow
FIT-100	93 GPM	168.1	161 GPM
FIT-500	0 GPM	132.4	246 GPM
Effluent Temp	95.0 °F		
Effluent pH	7.1		

Recharge and Injection Daily Report

May 23, 2016 12AM to May 24, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	33 GPM	0.0
RC-7003	FIT-665	33 GPM	44.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 23, 2016 12AM to May 24, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	94 GPM	65.9
Permeate Flow	FIT-642	68 GPM	47.2
Concentrate Flow	FIT-643	25 GPM	17.7

Inlet Conductivity	CIT-630	853.9 µS
Outlet Conductivity	CIT-642	27.5 µS
Hours Run		11.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 24, 2016 12AM to May 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.1	2,354	1.4	38.4	22.8	On
EW-2002	0.7	5.2	991	5.4	37.7	22.8	On
EW-2003	1.1	4.2	1,540	4.8	31.7	22.8	On
EW-2004	0.4	0.6	607	8.5	28.1	22.7	On
EW-2005	0.4	0.6	504	7.8	26.5	21.5	On
EW-2006	1.0	3.6	1,369	5.7	24.0	22.8	On
EW-2007	1.6	5.2	2,201	7.7	21.2	22.8	On
EW-2008	0.5	2.9	678	2.6	23.1	22.8	On
EW-2009	1.0	2.6	1,419	3.4	23.3	22.8	On
EW-2010	0.4	0.6	244	5.9	22.3	13.6	On
EW-2011	0.0	0.6	292	8.9	20.8	14.7	Off
EW-2012	0.0	0.5	88	12.9	15.1	5.7	Off
EW-2013	0.4	0.6	290	17.8	15.2	13.9	On
EW-2014	0.9	4.1	1,240	13.0	21.7	22.8	On
EW-2015	0.4	0.6	458	13.6	15.9	20.3	On
EW-2016	0.6	0.7	642	10.5	---	21.5	On
EW-2017	1.3	4.6	1,724	12.2	---	22.8	On
EW-2018	0.7	7.6	761	10.8	---	22.8	On
EW-2019	0.3	0.5	164	10.8	---	8.5	On
EW-2020	0.0	0.7	283	10.1	---	11.8	Off
EW-2021	0.0	0.6	216	13.5	---	10.6	Off
EW-2022	0.4	0.5	361	11.2	---	17.6	On
EW-2023	0.5	0.7	399	11.8	---	16.1	On
EW-2024	0.3	0.6	232	11.8	---	12.4	On
EW-2025	0.9	7.0	1,006	10.9	---	22.8	On
EW-2026	0.7	7.4	726	10.2	---	22.8	On
EW-2027	0.9	7.6	1,000	7.9	---	22.8	On
EW-2028	0.8	7.4	906	8.8	---	22.8	On
EW-2029	0.9	7.5	1,006	6.9	---	22.8	On
EW-2030	1.3	7.5	1,777	10.4	---	22.8	On
EW-2031	1.4	7.7	1,756	11.0	---	22.8	On
EW-2032	0.6	6.9	583	9.2	---	22.8	On
EW-2033	0.6	7.6	552	10.0	---	22.8	On
EW-2034	0.7	6.6	927	8.3	26.1	22.7	On
EW-2035	1.0	2.8	1,402	6.5	20.8	22.8	On
EW-2036	0.7	5.8	970	12.8	37.2	22.8	On
EW-2037	0.6	1.2	853	4.4	42.5	21.8	On
EW-2101	18.9	21.8	13,908	11.2	69.9	22.8	On
EW-2102	17.7	17.9	13,424	14.8	71.4	22.8	On
EW-2103	12.9	17.1	10,995	16.2	47.5	22.8	On
EW-2104	41.2	41.6	29,820	12.9	61.4	22.8	On
EW-3001	0.0	0.0	0	1.8	15.0	0.0	Off
EW-3002	0.0	0.6	57	2.1	14.0	3.3	Off
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

May 24, 2016 12AM to May 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	8	1.3	---	0.6	Off
EW-3005	0.5	0.6	596	-0.1	---	22.8	On
EW-3006	0.0	0.5	5	1.4	---	0.3	Off
EW-3007	0.9	6.1	1,266	-0.8	---	22.8	On
EW-3008	0.6	1.5	571	-0.8	---	21.3	On
EW-3009	3.0	7.0	4,123	-1.5	---	22.8	On
EW-3010	1.1	6.2	1,407	-2.2	---	22.8	On
EW-3011	0.0	0.7	22	-0.1	25.1	1.1	Off
EW-3012	0.5	6.4	694	-4.1	31.2	22.8	On
EW-3013	0.9	5.9	1,311	-6.2	42.2	22.8	On
EW-3014	0.3	0.6	223	-8.8	49.1	12.2	On
EW-3015	1.0	6.2	1,411	-6.1	58.4	22.8	On
EW-3016	0.8	3.5	1,139	-6.6	65.5	22.8	On
EW-3017	0.0	1.0	170	-6.6	68.2	8.2	Off
EW-3018	0.0	0.6	89	-9.5	68.0	5.0	Off
EW-3019	0.9	2.6	1,158	-2.3	68.9	22.8	On
EW-3020	3.3	5.7	4,537	-2.2	37.9	22.8	On
EW-3021	0.3	0.5	261	0.6	33.6	14.0	On
EW-3022	0.4	4.8	608	-2.5	42.1	22.8	On
EW-3023	2.5	2.8	3,537	-4.5	33.3	22.8	On
EW-3024	0.5	0.6	500	1.2	---	21.5	On
EW-3025	2.6	5.4	3,535	-4.6	45.0	22.8	On
EW-3026	3.4	5.1	4,642	-9.2	46.5	22.8	On
EW-3027	0.3	0.7	167	0.1	---	9.5	On
EW-4001	2.2	2.4	2,891	-3.4	37.7	22.7	On
EW-4002	2.1	6.8	2,802	-47.0	15.3	22.7	On
EW-4003	1.9	3.4	2,742	-21.9	---	22.7	On
EW-4004	1.5	1.8	2,205	-12.1	16.8	22.7	On
EW-4005	1.9	2.2	2,736	-16.3	---	22.7	On
EW-4006	1.3	5.2	1,818	-50.8	38.9	22.7	On
EW-4007	1.0	1.1	1,424	-5.9	43.3	22.7	On
EW-4008	2.1	2.6	2,830	-8.4	46.0	22.7	On
EW-4009	1.0	1.2	1,368	-28.2	42.9	22.7	On
EW-4010	2.3	2.5	3,122	-1.4	54.5	22.7	On
EW-4011	2.1	2.4	2,911	-22.8	54.5	22.7	On
EW-5001	1.9	2.2	2,741	-22.6	---	22.7	On
EW-5002	0.0	0.0	0	3.0	21.3	0.0	Off
EW Totals	**161.7**		**162,296**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	161.9	186 GPM
FIT-500	207 GPM	128.7	248 GPM
Effluent Temp	93.4 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 24, 2016 12AM to May 25, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	23.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 24, 2016 12AM to May 25, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	33.1
Permeate Flow	FIT-642	0 GPM	23.8
Concentrate Flow	FIT-643	0 GPM	8.8

Inlet Conductivity	CIT-630	883.4 µS
Outlet Conductivity	CIT-642	89.7 µS
Hours Run		11.5 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	93.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 25, 2016 12AM to May 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,473	1.4	38.3	24.0	On
EW-2002	0.7	0.8	1,028	5.3	37.5	24.0	On
EW-2003	1.1	1.1	1,575	5.0	31.4	24.0	On
EW-2004	0.4	0.4	587	8.5	27.8	24.0	On
EW-2005	0.4	0.4	544	7.1	26.2	24.0	On
EW-2006	1.0	1.1	1,450	5.7	23.7	24.0	On
EW-2007	1.6	1.6	2,293	7.7	20.9	24.0	On
EW-2008	0.5	0.6	702	2.4	22.7	24.0	On
EW-2009	1.0	1.1	1,483	3.2	23.0	24.0	On
EW-2010	0.0	0.4	247	6.2	22.0	14.1	Off
EW-2011	0.3	0.5	297	8.4	20.5	15.1	On
EW-2012	0.0	0.4	90	13.0	14.7	5.9	Off
EW-2013	0.3	0.5	298	17.7	14.8	14.1	On
EW-2014	0.9	1.5	1,286	12.9	21.3	24.0	On
EW-2015	0.4	0.7	485	11.6	15.6	20.7	On
EW-2016	0.5	0.6	664	11.1	---	21.9	On
EW-2017	1.2	1.3	1,784	12.2	---	24.0	On
EW-2018	0.5	0.9	790	10.8	---	24.0	On
EW-2019	0.3	0.4	164	12.0	---	9.0	On
EW-2020	0.4	0.6	284	12.1	---	11.5	On
EW-2021	0.0	0.5	221	13.8	---	10.7	Off
EW-2022	0.4	0.4	383	11.8	---	19.1	On
EW-2023	0.0	0.6	415	12.1	---	16.2	Off
EW-2024	0.3	0.5	239	10.9	---	12.3	On
EW-2025	0.7	0.9	1,046	10.8	---	24.0	On
EW-2026	0.5	0.8	751	10.2	---	24.0	On
EW-2027	0.7	1.0	1,036	7.8	---	24.0	On
EW-2028	0.7	0.9	935	8.8	---	24.0	On
EW-2029	0.7	1.0	1,042	6.8	---	24.0	On
EW-2030	1.3	1.4	1,853	10.1	---	24.0	On
EW-2031	1.3	1.4	1,841	10.8	---	24.0	On
EW-2032	0.4	0.7	589	9.1	---	24.0	On
EW-2033	0.4	0.7	568	10.0	---	24.0	On
EW-2034	0.7	0.8	959	7.9	26.3	24.0	On
EW-2035	1.0	1.0	1,461	6.4	20.6	24.0	On
EW-2036	0.7	1.8	994	12.8	36.2	24.0	On
EW-2037	0.7	1.4	913	3.5	41.6	23.4	On
EW-2101	18.7	19.0	27,108	10.8	70.0	24.0	On
EW-2102	17.4	17.9	25,342	14.5	71.4	24.0	On
EW-2103	13.0	15.1	18,759	16.0	47.0	24.0	On
EW-2104	41.2	41.7	56,825	12.6	61.5	24.0	On
EW-3001	0.0	0.0	0	1.8	14.7	0.0	Off
EW-3002	0.0	0.0	0	2.0	13.7	0.0	Off
EW-3003	0.0	0.0	0	4.3	13.7	0.0	Off

Daily Log

May 25, 2016 12AM to May 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.5	634	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.0	1,266	-0.9	---	24.0	On
EW-3008	0.4	0.7	594	-0.5	---	21.4	On
EW-3009	3.0	3.0	4,266	-1.5	---	24.0	On
EW-3010	1.0	1.2	1,441	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	25.3	0.0	Off
EW-3012	0.5	0.6	709	-4.5	31.6	24.0	On
EW-3013	0.9	1.1	1,345	-6.4	42.6	24.0	On
EW-3014	0.3	0.5	223	-8.5	49.5	12.9	On
EW-3015	0.9	1.1	1,444	-6.1	58.6	24.0	On
EW-3016	0.8	0.9	1,162	-6.8	65.4	24.0	On
EW-3017	0.0	0.8	168	-5.4	68.2	8.9	Off
EW-3018	0.3	0.7	89	-9.2	68.0	5.0	On
EW-3019	0.8	1.0	1,241	-2.3	68.9	24.0	On
EW-3020	3.3	3.3	4,768	-2.2	37.7	24.0	On
EW-3021	0.3	0.4	258	-0.1	32.8	14.4	On
EW-3022	0.4	1.1	614	-2.4	41.0	24.0	On
EW-3023	2.5	2.6	3,650	-4.9	33.6	24.0	On
EW-3024	0.4	0.6	525	0.9	---	22.1	On
EW-3025	2.5	3.0	3,634	-4.3	43.6	24.0	On
EW-3026	3.3	3.6	4,811	-9.0	45.2	24.0	On
EW-3027	0.0	0.7	132	0.3	---	7.8	Off
EW-4001	1.9	2.5	2,878	-2.9	36.7	24.0	On
EW-4002	2.0	2.2	2,916	-47.1	14.9	24.0	On
EW-4003	2.0	2.0	2,772	-23.1	---	24.0	On
EW-4004	1.6	1.6	2,202	-12.9	16.6	24.0	On
EW-4005	1.9	2.0	2,731	-17.0	---	24.0	On
EW-4006	1.3	1.9	1,877	-50.9	37.9	24.0	On
EW-4007	1.0	1.2	1,444	-5.6	42.2	24.0	On
EW-4008	2.0	2.7	2,885	-8.2	45.4	24.0	On
EW-4009	1.0	1.1	1,407	-30.4	43.4	24.0	On
EW-4010	2.0	2.6	3,093	-1.1	52.3	24.0	On
EW-4011	2.0	2.5	3,050	-23.7	52.3	24.0	On
EW-5001	2.0	2.0	2,759	-23.4	---	24.0	On
EW-5002	0.0	0.0	0	3.0	21.0	0.0	Off
EW Totals	**158.2**		**224,796**				

	Value	Total (KGal)	Peak Flow
FIT-100	157 GPM	223.3	164 GPM
FIT-500	0 GPM	209.1	246 GPM
Effluent Temp	93.6 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 25, 2016 12AM to May 26, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	37 GPM	0.0
RC-7003	FIT-665	37 GPM	19.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 25, 2016 12AM to May 26, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	93 GPM	30.6
Permeate Flow	FIT-642	67 GPM	21.9
Concentrate Flow	FIT-643	25 GPM	8.1

Inlet Conductivity	CIT-630	822.3 µS
Outlet Conductivity	CIT-642	21.4 µS
Hours Run		5.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 26, 2016 12AM to May 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.6	2,133	1.6	39.2	20.6	On
EW-2002	0.7	5.5	897	5.4	38.5	20.6	On
EW-2003	1.1	4.8	1,368	5.0	32.4	20.6	On
EW-2004	0.4	0.6	536	8.5	28.8	20.5	On
EW-2005	0.4	0.6	482	7.4	27.1	20.5	On
EW-2006	1.0	4.3	1,269	5.7	24.6	20.6	On
EW-2007	1.6	5.3	1,981	7.8	21.7	20.5	On
EW-2008	0.5	3.0	616	2.4	23.0	20.5	On
EW-2009	1.0	2.6	1,281	3.2	23.4	20.5	On
EW-2010	0.0	0.7	222	6.0	22.4	12.4	Off
EW-2011	0.0	0.6	263	8.6	21.0	13.4	Off
EW-2012	0.3	0.4	110	12.6	15.6	7.2	On
EW-2013	0.4	0.6	295	18.2	15.6	13.8	On
EW-2014	0.9	1.7	1,280	13.0	21.7	24.0	On
EW-2015	0.5	0.6	475	11.9	15.9	20.0	On
EW-2016	0.6	0.6	662	10.6	---	21.6	On
EW-2017	1.2	1.3	1,760	12.3	---	24.0	On
EW-2018	0.5	0.9	786	10.8	---	24.0	On
EW-2019	0.3	0.4	164	12.8	---	9.0	On
EW-2020	0.0	0.6	286	10.5	---	11.6	Off
EW-2021	0.3	0.5	221	13.5	---	10.7	On
EW-2022	0.4	0.5	381	12.1	---	18.7	On
EW-2023	0.5	0.6	411	10.9	---	15.9	On
EW-2024	0.4	0.5	237	10.8	---	11.9	On
EW-2025	0.7	0.9	1,044	10.8	---	24.0	On
EW-2026	0.5	0.8	745	10.2	---	24.0	On
EW-2027	0.7	1.0	1,033	7.8	---	24.0	On
EW-2028	0.7	0.9	932	8.8	---	24.0	On
EW-2029	0.7	1.0	1,040	6.8	---	24.0	On
EW-2030	1.4	1.4	1,848	10.1	---	24.0	On
EW-2031	1.4	1.4	1,832	10.8	---	24.0	On
EW-2032	0.4	0.7	592	9.1	---	24.0	On
EW-2033	0.4	0.8	572	10.0	---	24.0	On
EW-2034	0.7	6.6	842	7.9	22.8	20.5	On
EW-2035	1.0	2.8	1,255	6.6	21.6	20.5	On
EW-2036	0.7	2.1	980	13.0	37.1	24.0	On
EW-2037	0.7	1.4	902	3.6	43.0	23.0	On
EW-2101	22.0	27.5	25,501	9.9	50.3	20.5	On
EW-2102	22.6	23.6	24,847	14.1	55.5	20.4	On
EW-2103	13.1	41.4	24,624	15.8	47.6	24.0	On
EW-2104	41.1	41.7	58,268	12.4	62.0	24.0	On
EW-3001	0.0	0.0	0	1.8	15.4	0.0	Off
EW-3002	0.0	0.5	11	2.0	14.3	0.6	Off
EW-3003	0.0	0.0	0	4.3	14.2	0.0	Off

Daily Log

May 26, 2016 12AM to May 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	655	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.3	1,307	-0.9	---	24.0	On
EW-3008	0.6	0.7	614	-0.9	---	21.8	On
EW-3009	3.0	3.4	4,312	-1.5	---	24.0	On
EW-3010	1.0	1.4	1,456	-2.4	---	24.0	On
EW-3011	0.0	6.3	11	-0.3	22.0	1.1	Off
EW-3012	0.5	6.7	618	-4.5	24.6	20.5	On
EW-3013	1.1	6.2	1,183	-6.4	30.4	20.5	On
EW-3014	0.0	0.7	209	-8.5	34.0	11.4	Off
EW-3015	1.1	6.6	1,266	-6.2	42.2	20.5	On
EW-3016	0.8	4.0	1,028	-6.6	46.5	20.5	On
EW-3017	0.4	1.0	161	-7.4	47.9	8.1	On
EW-3018	0.0	0.6	86	-9.3	47.6	4.6	Off
EW-3019	0.9	2.9	1,092	-2.2	48.5	20.5	On
EW-3020	3.3	5.9	4,144	-2.1	38.7	20.5	On
EW-3021	0.0	0.7	288	0.8	33.1	15.5	Off
EW-3022	0.4	1.5	612	-2.4	41.5	24.0	On
EW-3023	2.6	2.9	3,194	-5.1	29.6	20.5	On
EW-3024	0.5	0.6	538	1.1	---	22.1	On
EW-3025	2.5	3.4	3,652	-4.5	44.2	24.0	On
EW-3026	3.3	3.9	4,739	-9.1	45.6	24.0	On
EW-3027	0.2	0.7	193	0.1	---	11.1	On
EW-4001	2.2	2.6	2,885	-3.6	37.6	24.0	On
EW-4002	2.0	2.3	2,910	-46.9	15.6	24.0	On
EW-4003	2.0	2.1	2,854	-24.1	---	24.0	On
EW-4004	1.6	1.8	1,918	-12.8	17.5	20.5	On
EW-4005	2.0	2.2	2,829	-17.6	---	24.0	On
EW-4006	1.3	2.1	1,864	-51.1	38.3	24.0	On
EW-4007	1.1	1.2	1,450	-6.1	42.8	24.0	On
EW-4008	2.1	2.8	2,888	-8.5	46.1	24.0	On
EW-4009	0.0	1.1	523	-0.2	31.1	8.7	Off
EW-4010	2.3	2.6	3,132	-1.6	56.1	24.0	On
EW-4011	2.2	2.6	3,134	-26.5	56.1	24.0	On
EW-5001	2.0	2.2	2,859	-24.1	---	24.0	On
EW-5002	0.0	2.4	10	3.0	22.0	0.1	Off
EW Totals	**168.1**		**225,597**				

	Value	Total (KGal)	Peak Flow
FIT-100	167 GPM	223.5	197 GPM
FIT-500	239 GPM	179.7	246 GPM
Effluent Temp	93.0 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 26, 2016 12AM to May 27, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	38 GPM	0.0
RC-7003	FIT-665	38 GPM	49.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 26, 2016 12AM to May 27, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	92 GPM	71.1
Permeate Flow	FIT-642	66 GPM	50.7
Concentrate Flow	FIT-643	25 GPM	19.3

Inlet Conductivity	CIT-630	853.3 µS
Outlet Conductivity	CIT-642	21.1 µS
Hours Run		5.7 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	93.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 27, 2016 12AM to May 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.7	2,448	1.5	39.3	24.0	On
EW-2002	0.7	0.7	1,017	5.6	38.5	24.0	On
EW-2003	1.1	1.1	1,553	5.0	32.6	24.0	On
EW-2004	0.4	0.4	588	8.5	29.0	24.0	On
EW-2005	0.4	0.5	573	7.2	27.4	24.0	On
EW-2006	1.0	1.1	1,447	5.8	25.1	24.0	On
EW-2007	1.6	1.6	2,277	7.9	22.3	24.0	On
EW-2008	0.5	0.7	700	2.5	24.7	24.0	On
EW-2009	1.0	1.1	1,480	3.3	24.9	24.0	On
EW-2010	0.4	0.4	247	5.7	24.0	14.0	On
EW-2011	0.4	0.5	295	9.0	22.4	15.3	On
EW-2012	0.0	0.4	163	12.4	15.3	10.5	Off
EW-2013	0.0	0.6	295	17.3	14.7	13.6	Off
EW-2014	0.9	1.0	1,274	13.0	22.0	24.0	On
EW-2015	0.5	0.5	467	13.1	16.2	19.9	On
EW-2016	0.6	0.6	664	10.2	---	21.8	On
EW-2017	1.2	1.2	1,734	12.3	---	24.0	On
EW-2018	0.5	0.9	780	10.8	---	24.0	On
EW-2019	0.0	0.4	165	12.0	---	9.1	Off
EW-2020	0.5	0.6	280	11.3	---	11.1	On
EW-2021	0.0	0.5	220	12.9	---	10.8	Off
EW-2022	0.4	0.4	377	12.5	---	18.8	On
EW-2023	0.5	0.5	408	10.7	---	15.7	On
EW-2024	0.5	0.5	235	11.2	---	11.9	On
EW-2025	0.7	0.9	1,037	10.8	---	24.0	On
EW-2026	0.5	0.8	740	10.2	---	24.0	On
EW-2027	0.7	1.0	1,028	7.8	---	24.0	On
EW-2028	0.6	1.0	926	8.8	---	24.0	On
EW-2029	0.7	1.0	1,034	6.8	---	24.0	On
EW-2030	1.4	1.4	1,838	10.2	---	24.0	On
EW-2031	1.4	1.4	1,814	10.8	---	24.0	On
EW-2032	0.4	0.7	589	9.1	---	24.0	On
EW-2033	0.4	0.7	567	10.0	---	24.0	On
EW-2034	0.8	0.9	962	8.0	23.3	24.0	On
EW-2035	1.0	1.8	1,461	6.6	21.9	24.0	On
EW-2036	0.7	0.8	962	12.8	37.3	24.0	On
EW-2037	0.7	0.7	896	4.2	43.2	23.0	On
EW-2101	22.0	22.2	31,696	9.5	49.9	24.0	On
EW-2102	22.2	22.7	32,269	13.7	54.9	24.0	On
EW-2103	13.1	13.3	18,792	15.7	47.9	24.0	On
EW-2104	40.9	41.5	59,191	12.2	62.2	24.0	On
EW-3001	0.0	0.0	0	1.8	15.0	0.0	Off
EW-3002	0.0	0.0	0	2.0	13.9	0.0	Off
EW-3003	0.0	0.0	0	4.3	13.6	0.0	Off

Daily Log

May 27, 2016 12AM to May 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	659	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.0	1,245	-0.9	---	24.0	On
EW-3008	0.6	0.6	577	-0.9	---	21.5	On
EW-3009	2.9	3.0	4,224	-1.5	---	24.0	On
EW-3010	1.0	1.1	1,355	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.2	22.2	0.0	Off
EW-3012	0.6	0.7	674	-4.4	25.0	24.0	On
EW-3013	1.0	1.1	1,353	-6.2	30.5	24.0	On
EW-3014	0.3	0.5	223	-8.1	34.1	12.3	On
EW-3015	1.1	1.2	1,425	-6.1	42.1	24.0	On
EW-3016	0.8	0.9	1,158	-6.6	46.1	24.0	On
EW-3017	0.0	0.7	164	-5.7	47.4	7.9	Off
EW-3018	0.0	0.6	89	-9.7	47.1	4.9	Off
EW-3019	0.8	1.4	1,247	-2.5	48.2	24.0	On
EW-3020	3.3	3.4	4,785	-2.1	38.7	24.0	On
EW-3021	0.4	0.4	259	-0.4	33.6	14.3	On
EW-3022	0.4	0.5	585	-2.2	41.7	24.0	On
EW-3023	2.6	2.7	3,765	-5.4	29.8	24.0	On
EW-3024	0.5	0.6	517	1.2	---	21.8	On
EW-3025	2.5	2.6	3,634	-4.5	44.3	24.0	On
EW-3026	3.2	3.3	4,711	-9.0	45.7	24.0	On
EW-3027	0.6	0.7	131	0.1	---	7.8	On
EW-4001	2.1	2.2	3,086	-3.4	37.8	24.0	On
EW-4002	2.0	2.3	2,902	-47.2	15.3	24.0	On
EW-4003	2.0	2.1	2,880	-23.8	---	24.0	On
EW-4004	1.6	1.7	2,266	-12.9	17.9	24.0	On
EW-4005	2.0	2.0	2,832	-17.3	---	24.0	On
EW-4006	1.3	1.4	1,854	-50.9	38.6	24.0	On
EW-4007	1.0	1.1	1,512	-5.7	42.9	24.0	On
EW-4008	2.0	2.2	2,938	-8.2	46.3	24.0	On
EW-4009	0.0	0.0	0	0.0	31.7	0.0	Off
EW-4010	2.3	2.4	3,343	-1.4	56.1	24.0	On
EW-4011	2.2	2.4	3,209	-26.3	56.1	24.0	On
EW-5001	2.0	2.0	2,870	-23.9	---	24.0	On
EW-5002	0.0	0.0	0	2.7	22.3	0.0	Off
EW Totals	**167.7**		**237,964**				

	Value	Total (KGal)	Peak Flow
FIT-100	166 GPM	235.9	171 GPM
FIT-500	197 GPM	188.1	246 GPM
Effluent Temp	93.0 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

May 27, 2016 12AM to May 28, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	35 GPM	0.0
RC-7003	FIT-665	35 GPM	44.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 27, 2016 12AM to May 28, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	67.4
Permeate Flow	FIT-642	0 GPM	47.7
Concentrate Flow	FIT-643	0 GPM	18.5

Inlet Conductivity	CIT-630	874.1 µS
Outlet Conductivity	CIT-642	50.7 µS
Hours Run		13.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	93.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 28, 2016 12AM to May 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	3.7	2,403	1.7	39.1	23.9	On
EW-2002	0.7	5.0	993	5.6	38.5	23.9	On
EW-2003	1.0	4.4	1,525	5.1	32.7	23.9	On
EW-2004	0.4	0.6	590	8.4	29.2	23.8	On
EW-2005	0.4	0.6	561	7.2	27.6	23.8	On
EW-2006	1.0	3.6	1,414	5.8	25.2	23.9	On
EW-2007	1.5	5.0	2,240	7.9	22.5	23.9	On
EW-2008	0.5	2.8	695	2.5	24.7	23.9	On
EW-2009	1.0	2.6	1,468	3.3	25.0	23.8	On
EW-2010	0.3	0.7	244	6.6	24.0	13.7	On
EW-2011	0.3	0.6	295	8.4	22.5	14.8	On
EW-2012	0.0	0.5	105	12.8	15.4	6.9	Off
EW-2013	0.0	0.5	290	17.5	15.4	13.9	Off
EW-2014	1.0	3.9	1,269	12.9	22.2	23.9	On
EW-2015	0.5	0.6	466	13.4	16.5	19.7	On
EW-2016	0.6	0.6	663	11.9	---	21.6	On
EW-2017	1.2	4.6	1,738	12.3	---	23.9	On
EW-2018	0.5	4.2	772	10.8	---	23.9	On
EW-2019	0.0	0.4	163	11.0	---	8.9	Off
EW-2020	0.6	0.6	281	10.1	---	11.3	On
EW-2021	0.5	0.5	217	11.4	---	10.3	On
EW-2022	0.0	0.4	377	11.5	---	18.6	Off
EW-2023	0.5	0.5	404	11.0	---	15.6	On
EW-2024	0.0	0.5	235	10.0	---	11.5	Off
EW-2025	0.7	4.5	1,028	10.8	---	23.9	On
EW-2026	0.5	3.8	731	10.2	---	23.9	On
EW-2027	0.7	5.3	1,020	7.8	---	23.9	On
EW-2028	0.7	4.7	917	8.8	---	23.9	On
EW-2029	0.7	5.5	1,026	6.8	---	23.9	On
EW-2030	1.4	7.3	1,820	10.2	---	23.9	On
EW-2031	1.4	7.5	1,795	10.9	---	23.9	On
EW-2032	0.4	3.2	583	9.1	---	23.9	On
EW-2033	0.3	2.9	561	10.0	---	23.9	On
EW-2034	0.8	4.8	953	8.0	23.6	23.9	On
EW-2035	1.0	2.7	1,440	6.7	22.2	23.9	On
EW-2036	0.7	4.9	957	12.9	37.3	23.9	On
EW-2037	0.7	1.0	890	4.2	43.1	22.8	On
EW-2101	22.0	22.3	31,527	9.3	50.6	23.9	On
EW-2102	21.7	23.7	31,626	13.7	55.5	23.9	On
EW-2103	13.1	18.0	18,672	15.7	48.0	23.9	On
EW-2104	41.0	42.7	58,784	12.1	62.1	23.9	On
EW-3001	0.0	0.0	0	1.8	15.3	0.0	Off
EW-3002	0.0	0.3	1	2.0	14.4	0.1	Off
EW-3003	0.0	0.0	0	4.3	14.5	0.0	Off

Daily Log

May 28, 2016 12AM to May 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	1	1.3	---	0.1	Off
EW-3005	0.5	0.6	639	-0.1	---	23.8	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	4.9	1,217	-0.9	---	23.8	On
EW-3008	0.6	0.6	579	-0.8	---	21.0	On
EW-3009	2.9	6.8	4,190	-1.5	---	23.8	On
EW-3010	1.1	6.0	1,351	-2.4	---	23.8	On
EW-3011	0.0	0.7	5	-0.2	22.5	0.3	Off
EW-3012	0.7	5.7	671	-4.4	25.4	23.8	On
EW-3013	1.0	5.4	1,349	-6.3	30.9	23.8	On
EW-3014	0.0	0.5	223	-8.4	34.6	12.0	Off
EW-3015	1.1	4.9	1,421	-6.0	42.8	23.8	On
EW-3016	0.8	2.7	1,150	-6.6	47.0	23.8	On
EW-3017	0.4	0.8	165	-7.1	48.5	7.8	On
EW-3018	0.0	0.6	88	-9.5	48.2	4.8	Off
EW-3019	0.9	2.1	1,234	-2.3	49.0	23.8	On
EW-3020	3.3	6.0	4,735	-2.1	38.8	23.8	On
EW-3021	0.4	0.5	253	-0.1	33.8	13.8	On
EW-3022	0.4	4.3	577	-2.2	41.8	23.8	On
EW-3023	2.5	2.6	3,646	-5.2	29.9	23.8	On
EW-3024	0.5	0.6	522	0.9	---	21.6	On
EW-3025	2.5	5.2	3,658	-4.5	44.5	23.8	On
EW-3026	3.3	5.5	4,708	-9.0	45.9	23.8	On
EW-3027	0.3	0.8	219	0.1	---	12.8	On
EW-4001	2.0	2.2	2,910	-3.0	37.8	23.7	On
EW-4002	2.2	6.4	2,893	-47.1	15.6	23.7	On
EW-4003	2.0	8.2	2,784	-23.9	---	23.7	On
EW-4004	1.6	1.7	2,233	-12.9	18.2	23.7	On
EW-4005	2.0	2.0	2,742	-16.9	---	23.7	On
EW-4006	1.3	5.2	1,855	-51.0	38.9	23.7	On
EW-4007	1.0	1.1	1,475	-5.5	43.0	23.7	On
EW-4008	1.9	2.2	2,836	-7.9	46.4	23.7	On
EW-4009	0.0	0.0	0	0.1	31.8	0.0	Off
EW-4010	2.3	2.7	3,294	-1.3	55.1	23.7	On
EW-4011	2.1	2.4	3,032	-23.0	55.1	23.7	On
EW-5001	2.0	2.0	2,779	-23.7	---	23.7	On
EW-5002	0.0	0.0	0	2.7	22.5	0.0	Off
EW Totals	**166.5**		**235,176**				

	Value	Total (KGal)	Peak Flow
FIT-100	165 GPM	233.3	174 GPM
FIT-500	0 GPM	195.4	245 GPM
Effluent Temp	92.9 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 28, 2016 12AM to May 29, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	44.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 28, 2016 12AM to May 29, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	66.7
Permeate Flow	FIT-642	0 GPM	47.3
Concentrate Flow	FIT-643	0 GPM	18.2

Inlet Conductivity	CIT-630	881.4 µS
Outlet Conductivity	CIT-642	51.2 µS
Hours Run		11.9 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	93.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 29, 2016 12AM to May 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.7	2,372	1.7	39.6	24.0	On
EW-2002	0.7	0.8	989	5.6	39.0	24.0	On
EW-2003	1.0	1.1	1,512	5.1	33.2	24.0	On
EW-2004	0.5	0.5	630	7.6	29.8	24.0	On
EW-2005	0.4	0.5	547	7.3	28.1	23.6	On
EW-2006	1.0	1.0	1,393	5.8	25.7	24.0	On
EW-2007	1.6	1.6	2,233	7.8	22.9	24.0	On
EW-2008	0.5	0.7	690	2.4	25.1	24.0	On
EW-2009	1.1	1.1	1,474	3.3	25.3	24.0	On
EW-2010	0.0	0.5	245	5.8	24.3	14.0	Off
EW-2011	0.4	0.5	293	9.1	22.8	15.6	On
EW-2012	0.0	0.4	106	12.6	15.8	7.0	Off
EW-2013	0.0	0.5	288	18.4	15.8	14.6	Off
EW-2014	1.0	1.0	1,277	12.9	22.7	24.0	On
EW-2015	0.5	0.5	464	13.3	16.9	20.0	On
EW-2016	0.6	0.6	663	11.8	---	22.0	On
EW-2017	1.2	1.3	1,735	12.3	---	24.0	On
EW-2018	0.5	0.9	773	10.8	---	24.0	On
EW-2019	0.3	0.4	158	13.3	---	8.8	On
EW-2020	0.0	0.6	277	10.7	---	11.6	Off
EW-2021	0.0	0.5	215	11.7	---	10.8	Off
EW-2022	0.4	0.4	373	11.1	---	18.6	On
EW-2023	0.5	0.5	399	11.4	---	15.4	On
EW-2024	0.3	0.5	231	11.9	---	11.5	On
EW-2025	0.7	1.0	1,025	10.8	---	24.0	On
EW-2026	0.5	0.9	732	10.2	---	24.0	On
EW-2027	0.7	1.0	1,016	7.8	---	24.0	On
EW-2028	0.7	1.0	917	8.8	---	24.0	On
EW-2029	0.7	1.0	1,023	6.8	---	24.0	On
EW-2030	1.4	1.5	1,818	10.1	---	24.0	On
EW-2031	1.4	1.5	1,789	10.9	---	24.0	On
EW-2032	0.4	0.7	586	9.1	---	24.0	On
EW-2033	0.3	0.8	568	10.0	---	24.0	On
EW-2034	0.8	0.9	947	8.0	24.1	24.0	On
EW-2035	1.0	1.0	1,432	6.7	22.6	24.0	On
EW-2036	0.7	0.8	946	12.9	37.7	24.0	On
EW-2037	0.7	0.7	884	4.0	43.5	23.0	On
EW-2101	22.0	22.2	31,695	9.1	51.4	24.0	On
EW-2102	21.3	22.0	31,088	13.6	55.9	24.0	On
EW-2103	13.2	13.3	18,787	15.6	48.4	24.0	On
EW-2104	40.8	41.4	58,984	12.1	62.4	24.0	On
EW-3001	0.0	0.0	0	1.8	15.8	0.0	Off
EW-3002	0.0	0.0	0	2.0	14.9	0.0	Off
EW-3003	0.0	0.0	0	4.3	14.9	0.0	Off

Daily Log

May 29, 2016 12AM to May 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	655	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.0	1,209	-0.9	---	24.0	On
EW-3008	0.6	0.6	579	-0.8	---	21.9	On
EW-3009	2.9	2.9	4,130	-1.5	---	24.0	On
EW-3010	1.0	1.2	1,333	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	23.1	0.0	Off
EW-3012	0.7	0.8	685	-4.4	25.9	24.0	On
EW-3013	1.0	1.2	1,347	-6.3	31.5	24.0	On
EW-3014	0.0	0.5	221	-8.2	35.2	12.2	Off
EW-3015	1.1	1.3	1,420	-6.0	43.4	24.0	On
EW-3016	0.8	0.9	1,146	-6.5	47.7	24.0	On
EW-3017	0.3	0.7	162	-6.6	49.1	7.9	On
EW-3018	0.0	0.6	87	-9.0	48.8	4.7	Off
EW-3019	0.9	1.3	1,227	-2.3	49.6	24.0	On
EW-3020	3.2	3.3	4,713	-2.0	39.2	24.0	On
EW-3021	0.0	0.4	261	-0.2	33.8	14.2	Off
EW-3022	0.4	0.5	563	-2.2	42.0	24.0	On
EW-3023	2.5	2.5	3,609	-5.2	30.4	24.0	On
EW-3024	0.5	0.6	522	1.2	---	22.2	On
EW-3025	2.5	2.6	3,627	-4.4	44.7	24.0	On
EW-3026	3.3	3.3	4,715	-9.0	46.0	24.0	On
EW-3027	0.0	0.7	284	0.1	---	16.4	On
EW-4001	1.9	2.0	2,830	-2.8	38.1	24.0	On
EW-4002	2.2	2.3	2,895	-47.1	16.1	24.0	On
EW-4003	2.0	2.1	2,861	-24.4	---	24.0	On
EW-4004	1.6	1.7	2,288	-13.1	18.7	24.0	On
EW-4005	2.0	2.0	2,800	-17.1	---	24.0	On
EW-4006	1.4	1.4	1,852	-51.0	38.9	24.0	On
EW-4007	1.0	1.1	1,452	-8.3	43.2	24.0	On
EW-4008	2.0	2.2	2,844	-7.9	46.9	24.0	On
EW-4009	0.0	0.0	0	0.1	32.4	0.0	Off
EW-4010	2.3	2.4	3,296	-1.2	55.4	24.0	On
EW-4011	2.1	2.3	3,040	-23.9	55.4	24.0	On
EW-5001	2.0	2.1	2,845	-23.9	---	24.0	On
EW-5002	0.0	0.0	0	2.7	22.9	0.0	Off
EW Totals	**164.9**		**235,074**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	233.1	170 GPM
FIT-500	180 GPM	190.1	245 GPM
Effluent Temp	93.4 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

May 29, 2016 12AM to May 30, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	35 GPM	0.0
RC-7003	FIT-665	35 GPM	46.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 29, 2016 12AM to May 30, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	66.4
Permeate Flow	FIT-642	0 GPM	47.3
Concentrate Flow	FIT-643	0 GPM	18.0

Inlet Conductivity	CIT-630	872.7 µS
Outlet Conductivity	CIT-642	31.6 µS
Hours Run		11.8 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 30, 2016 12AM to May 31, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.8	2,309	1.6	38.3	23.0	On
EW-2002	0.7	5.1	958	5.7	37.6	23.0	On
EW-2003	1.0	4.5	1,472	5.1	31.9	23.0	On
EW-2004	0.4	0.6	623	8.3	28.4	22.8	On
EW-2005	0.4	0.6	509	7.2	26.8	22.4	On
EW-2006	1.0	3.7	1,348	5.7	24.5	23.0	On
EW-2007	1.5	5.0	2,160	7.8	21.8	23.0	On
EW-2008	0.5	2.8	676	2.6	24.3	22.9	On
EW-2009	1.0	2.6	1,409	3.4	24.5	22.8	On
EW-2010	0.3	0.7	241	5.7	23.5	13.4	On
EW-2011	0.3	0.6	289	9.1	22.0	15.0	On
EW-2012	0.3	0.5	102	12.6	15.8	6.8	On
EW-2013	0.5	0.6	280	18.0	15.9	13.9	On
EW-2014	0.9	4.1	1,233	13.1	21.8	22.9	On
EW-2015	0.5	0.7	450	12.2	16.0	19.7	On
EW-2016	0.6	0.8	631	12.1	---	21.3	On
EW-2017	1.2	4.6	1,669	12.3	---	23.0	On
EW-2018	0.8	7.5	753	11.1	---	23.0	On
EW-2019	0.0	0.5	161	12.0	---	8.9	Off
EW-2020	0.0	0.8	272	11.1	---	11.2	Off
EW-2021	0.0	0.6	212	12.5	---	10.6	Off
EW-2022	0.4	0.6	366	11.4	---	18.6	On
EW-2023	0.5	0.7	392	10.9	---	15.4	On
EW-2024	0.5	0.7	232	10.7	---	11.7	On
EW-2025	0.9	7.0	992	11.1	---	22.9	On
EW-2026	0.8	7.5	711	10.5	---	22.9	On
EW-2027	1.0	7.5	991	8.1	---	23.0	On
EW-2028	0.9	7.4	895	9.1	---	23.0	On
EW-2029	0.9	7.4	997	7.1	---	23.0	On
EW-2030	1.4	7.4	1,755	10.5	---	23.0	On
EW-2031	1.4	7.6	1,722	11.2	---	23.0	On
EW-2032	0.7	6.8	571	9.4	---	23.0	On
EW-2033	0.7	7.5	560	10.3	---	23.0	On
EW-2034	0.8	6.6	923	8.3	23.1	23.0	On
EW-2035	1.0	2.7	1,381	6.7	21.4	23.0	On
EW-2036	0.6	5.0	919	12.9	37.3	22.9	On
EW-2037	0.7	1.0	852	4.3	43.2	21.9	On
EW-2101	22.0	22.3	30,343	9.1	51.2	23.0	On
EW-2102	21.1	22.6	29,149	13.6	55.5	23.0	On
EW-2103	13.0	17.9	17,909	15.6	47.8	22.9	On
EW-2104	41.0	42.1	56,058	12.1	62.0	22.9	On
EW-3001	0.0	0.0	0	1.8	15.6	0.0	Off
EW-3002	0.0	0.5	40	2.0	14.5	1.9	Off
EW-3003	0.0	0.0	0	4.3	14.3	0.0	Off

Daily Log

May 30, 2016 12AM to May 31, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	11	1.2	---	0.7	Off
EW-3005	0.5	0.8	596	-0.1	---	22.8	On
EW-3006	0.0	0.5	6	1.4	---	0.3	Off
EW-3007	0.9	6.0	1,217	-0.6	---	22.8	On
EW-3008	0.6	0.9	562	-0.7	---	21.0	On
EW-3009	3.0	6.8	4,118	-1.5	---	22.8	On
EW-3010	1.1	6.0	1,307	-2.0	---	22.8	On
EW-3011	0.0	0.7	25	-0.2	22.1	1.3	Off
EW-3012	0.6	5.8	688	-4.2	25.0	22.8	On
EW-3013	1.0	5.3	1,321	-6.1	30.8	22.8	On
EW-3014	0.0	0.6	222	-8.9	34.6	12.0	Off
EW-3015	1.0	4.8	1,387	-5.9	43.0	22.8	On
EW-3016	0.7	2.7	1,122	-6.8	47.4	22.8	On
EW-3017	0.0	0.7	160	-5.8	48.9	7.9	Off
EW-3018	0.5	0.6	87	-9.3	48.8	4.7	On
EW-3019	0.9	2.5	1,163	-2.1	49.7	22.8	On
EW-3020	3.2	5.8	4,500	-2.0	37.9	22.8	On
EW-3021	0.3	0.5	276	-0.3	33.6	14.5	On
EW-3022	0.4	4.3	576	-2.3	41.9	22.8	On
EW-3023	2.5	2.6	3,415	-4.7	29.7	22.8	On
EW-3024	0.5	0.8	497	1.1	---	21.4	On
EW-3025	2.5	5.1	3,529	-4.5	44.6	22.8	On
EW-3026	3.3	5.3	4,567	-9.1	46.1	22.8	On
EW-3027	0.0	0.9	277	0.3	---	15.7	Off
EW-4001	2.1	2.2	2,699	-3.3	37.8	22.6	On
EW-4002	2.1	6.7	2,813	-46.9	15.9	22.6	On
EW-4003	2.1	3.3	2,718	-25.3	---	22.6	On
EW-4004	1.6	1.9	2,190	-13.7	17.6	22.6	On
EW-4005	2.1	2.3	2,676	-18.0	---	22.6	On
EW-4006	1.3	5.4	1,816	-50.8	38.8	22.6	On
EW-4007	1.0	1.1	1,367	-8.6	43.1	22.6	On
EW-4008	2.0	2.3	2,702	-8.1	46.2	22.6	On
EW-4009	0.0	0.0	0	0.1	31.6	0.0	Off
EW-4010	2.3	2.6	3,103	-1.4	56.0	22.6	On
EW-4011	2.3	2.4	2,911	-25.4	56.1	22.6	On
EW-5001	2.1	2.3	2,710	-24.4	---	22.6	On
EW-5002	0.0	0.0	0	2.8	21.8	0.0	Off
EW Totals	**168.6**		**224,846**				

	Value	Total (KGal)	Peak Flow
FIT-100	167 GPM	223.1	210 GPM
FIT-500	0 GPM	177.0	243 GPM
Effluent Temp	93.0 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 30, 2016 12AM to May 31, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	43.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 30, 2016 12AM to May 31, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	66.0
Permeate Flow	FIT-642	0 GPM	46.9
Concentrate Flow	FIT-643	0 GPM	17.9

Inlet Conductivity	CIT-630	849.0 µS
Outlet Conductivity	CIT-642	51.2 µS
Hours Run		12.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	93.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

May 31, 2016 12AM to June 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	3.7	2,385	1.6	38.4	23.9	On
EW-2002	0.7	4.8	976	5.4	37.7	23.9	On
EW-2003	1.0	4.3	1,514	5.0	31.8	23.9	On
EW-2004	0.4	0.7	603	8.1	28.4	23.8	On
EW-2005	0.4	0.6	533	7.8	26.8	23.4	On
EW-2006	1.0	3.8	1,384	5.6	24.3	23.8	On
EW-2007	1.5	4.9	2,229	7.7	21.7	23.9	On
EW-2008	0.5	2.8	688	2.6	23.8	23.9	On
EW-2009	1.0	2.6	1,462	3.4	24.1	23.9	On
EW-2010	0.3	0.8	242	5.9	23.1	13.7	On
EW-2011	0.3	0.7	291	9.3	21.6	14.6	On
EW-2012	0.0	0.5	131	12.9	14.8	8.1	Off
EW-2013	0.3	0.6	285	18.4	14.8	13.9	On
EW-2014	0.9	3.9	1,274	12.8	21.5	23.9	On
EW-2015	0.4	0.7	460	12.2	15.8	19.8	On
EW-2016	0.5	0.6	657	10.0	---	21.8	On
EW-2017	1.2	4.6	1,710	12.2	---	23.9	On
EW-2018	0.5	3.9	764	10.9	---	23.9	On
EW-2019	0.0	0.4	159	12.8	---	8.8	Off
EW-2020	0.0	0.6	274	12.0	---	11.0	Off
EW-2021	0.3	0.5	213	11.5	---	10.4	On
EW-2022	0.3	0.5	368	12.4	---	18.4	On
EW-2023	0.0	0.6	396	13.0	---	15.9	On
EW-2024	0.0	0.5	230	11.0	---	11.5	Off
EW-2025	0.7	4.3	1,014	10.9	---	23.9	On
EW-2026	0.5	3.5	719	10.3	---	23.9	On
EW-2027	0.7	4.9	1,009	7.9	---	23.9	On
EW-2028	0.6	4.4	911	8.9	---	23.9	On
EW-2029	0.7	5.1	1,016	6.9	---	23.9	On
EW-2030	1.2	7.2	1,804	10.2	---	23.9	On
EW-2031	1.2	7.4	1,767	10.8	---	23.9	On
EW-2032	0.4	2.9	574	9.2	---	23.9	On
EW-2033	0.4	2.8	567	10.1	---	23.9	On
EW-2034	0.6	4.6	936	8.1	23.0	23.9	On
EW-2035	1.0	2.6	1,421	6.5	21.5	23.9	On
EW-2036	0.7	4.7	937	12.8	36.4	23.9	On
EW-2037	0.7	1.4	878	3.5	41.8	22.8	On
EW-2101	22.9	24.1	30,346	8.7	52.4	23.9	On
EW-2102	20.0	24.4	27,885	13.7	55.6	23.8	On
EW-2103	13.1	17.0	18,199	15.6	47.3	23.9	On
EW-2104	41.1	42.3	55,844	12.0	61.8	23.9	On
EW-3001	0.0	0.0	0	1.8	14.7	0.0	Off
EW-3002	0.0	0.4	1	2.0	13.9	0.1	Off
EW-3003	0.0	0.0	0	4.3	13.8	0.0	Off

Daily Log

May 31, 2016 12AM to June 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	1	1.2	---	0.1	Off
EW-3005	0.5	0.6	641	-0.2	---	23.8	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	4.7	1,221	-0.9	---	23.8	On
EW-3008	0.4	0.7	581	-0.6	---	21.2	On
EW-3009	2.8	6.7	4,162	-1.4	---	23.8	On
EW-3010	0.9	6.0	1,336	-2.3	---	23.8	On
EW-3011	0.0	0.7	4	-0.2	22.1	0.2	Off
EW-3012	0.4	5.6	673	-4.3	25.1	23.8	On
EW-3013	0.9	6.1	1,342	-6.3	31.2	23.8	On
EW-3014	0.4	0.8	221	-8.7	35.2	12.1	On
EW-3015	0.9	6.2	1,409	-6.1	43.7	23.7	On
EW-3016	0.8	3.6	1,143	-6.9	48.3	23.8	On
EW-3017	0.3	0.9	160	-5.3	49.9	7.9	On
EW-3018	0.0	0.6	86	-8.8	49.7	4.7	Off
EW-3019	0.8	2.2	1,221	-2.3	50.5	23.0	On
EW-3020	3.3	6.3	4,645	-2.1	38.0	23.8	On
EW-3021	0.0	0.7	242	0.6	32.8	13.4	Off
EW-3022	0.4	4.0	580	-2.5	41.1	23.8	On
EW-3023	2.6	2.9	3,688	-5.5	29.8	23.8	On
EW-3024	0.3	0.6	518	1.6	---	21.8	On
EW-3025	2.5	4.8	3,608	-4.5	43.8	23.8	On
EW-3026	3.3	5.6	4,734	-9.1	45.2	23.8	On
EW-3027	0.0	0.7	126	0.3	---	7.4	Off
EW-4001	1.9	2.6	2,919	-2.8	36.9	23.8	On
EW-4002	2.0	6.4	2,904	-47.1	15.0	23.8	On
EW-4003	2.0	2.3	2,873	-24.6	---	23.8	On
EW-4004	1.6	1.9	2,304	-13.4	17.5	23.8	On
EW-4005	2.0	2.2	2,870	-17.3	---	23.8	On
EW-4006	1.3	4.4	1,862	-51.2	38.0	23.8	On
EW-4007	1.1	1.2	1,480	-8.8	42.3	23.8	On
EW-4008	2.0	2.8	2,863	-7.9	45.8	23.8	On
EW-4009	0.0	0.0	0	0.1	31.8	0.0	Off
EW-4010	2.0	2.6	3,175	-1.1	52.3	23.8	On
EW-4011	2.1	2.6	3,125	-23.5	52.4	23.8	On
EW-5001	2.0	2.2	2,871	-24.0	---	23.8	On
EW-5002	0.0	0.0	0	2.7	21.8	0.0	Off
EW Totals	**161.9**		**226,643**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	225.0	169 GPM
FIT-500	0 GPM	185.6	246 GPM
Effluent Temp	93.8 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

May 31, 2016 12AM to June 1, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	35 GPM	0.0
RC-7003	FIT-665	35 GPM	46.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

May 31, 2016 12AM to June 1, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	66.8
Permeate Flow	FIT-642	0 GPM	47.5
Concentrate Flow	FIT-643	0 GPM	18.1

Inlet Conductivity	CIT-630	878.2 µS
Outlet Conductivity	CIT-642	24.0 µS
Hours Run		11.7 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 1, 2016 12AM to June 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.9	2,371	1.6	38.6	24.0	On
EW-2002	0.6	1.0	968	5.5	37.8	24.0	On
EW-2003	1.0	1.4	1,474	5.0	32.1	24.0	On
EW-2004	0.4	0.5	601	8.1	28.7	24.0	On
EW-2005	0.3	0.5	536	6.9	27.2	23.7	On
EW-2006	0.9	1.2	1,356	5.8	24.8	24.0	On
EW-2007	1.5	1.9	2,204	7.7	22.2	24.0	On
EW-2008	0.4	0.6	685	2.5	23.8	24.0	On
EW-2009	1.0	1.1	1,465	3.2	24.1	24.0	On
EW-2010	0.0	0.5	241	6.4	23.1	13.7	Off
EW-2011	0.3	0.5	292	8.3	21.7	15.5	On
EW-2012	0.0	0.5	171	12.5	15.8	10.1	Off
EW-2013	0.3	0.5	284	17.7	15.9	14.3	On
EW-2014	0.8	1.0	1,272	12.9	22.3	24.0	On
EW-2015	0.3	0.5	460	12.2	16.7	19.8	On
EW-2016	0.4	0.6	651	12.1	---	21.8	On
EW-2017	1.1	1.3	1,710	12.2	---	24.0	On
EW-2018	0.5	0.9	762	11.2	---	24.0	On
EW-2019	0.0	0.3	159	13.0	---	8.9	Off
EW-2020	0.4	0.6	273	11.1	---	11.2	On
EW-2021	0.3	0.5	211	12.1	---	10.7	On
EW-2022	0.3	0.4	367	12.2	---	18.8	On
EW-2023	0.4	0.5	398	12.6	---	16.1	On
EW-2024	0.0	0.5	229	10.0	---	11.5	Off
EW-2025	0.4	1.0	1,008	11.2	---	24.0	On
EW-2026	0.5	0.9	714	10.6	---	24.0	On
EW-2027	0.7	1.1	1,003	8.2	---	24.0	On
EW-2028	0.6	1.0	904	9.2	---	24.0	On
EW-2029	0.6	1.0	1,010	7.2	---	24.0	On
EW-2030	1.0	1.4	1,796	10.3	---	24.0	On
EW-2031	1.0	1.4	1,758	11.1	---	24.0	On
EW-2032	0.0	0.7	571	9.5	---	24.0	On
EW-2033	0.3	0.8	565	10.4	---	24.0	On
EW-2034	0.5	1.3	929	8.1	23.7	24.0	On
EW-2035	1.0	1.3	1,429	6.5	22.0	24.0	On
EW-2036	0.6	0.7	925	12.7	36.9	24.0	On
EW-2037	0.6	0.7	872	4.2	42.3	22.9	On
EW-2101	22.6	23.7	31,522	8.6	53.1	24.0	On
EW-2102	19.6	21.6	27,448	13.6	56.1	24.0	On
EW-2103	12.9	13.3	18,778	15.5	47.6	24.0	On
EW-2104	41.0	41.4	59,111	11.9	62.4	24.0	On
EW-3001	0.0	0.0	0	1.8	15.7	0.0	Off
EW-3002	0.0	0.5	47	1.9	14.8	2.9	Off
EW-3003	0.0	0.0	0	4.3	14.9	0.0	Off

Daily Log

June 1, 2016 12AM to June 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.3	0.6	652	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.6	1.0	1,213	-0.8	---	24.0	On
EW-3008	0.4	0.6	584	-0.6	---	21.6	On
EW-3009	2.7	3.0	4,056	-1.4	---	24.0	On
EW-3010	0.7	1.1	1,325	-2.1	---	24.0	On
EW-3011	0.0	0.0	0	-0.2	22.9	0.0	Off
EW-3012	0.3	1.3	680	-4.3	26.0	24.0	On
EW-3013	0.8	2.0	1,338	-6.4	32.2	24.0	On
EW-3014	0.3	0.7	220	-8.2	36.2	12.3	On
EW-3015	0.9	5.3	1,408	-6.2	44.6	23.9	On
EW-3016	0.8	2.1	1,137	-6.8	49.1	24.0	On
EW-3017	0.0	0.8	160	-5.5	50.7	8.2	Off
EW-3018	0.0	0.7	87	-9.4	50.5	4.8	Off
EW-3019	0.8	2.4	1,219	-2.4	51.2	23.1	On
EW-3020	3.2	3.4	4,671	-2.1	38.1	24.0	On
EW-3021	0.3	0.4	249	0.2	33.4	13.8	On
EW-3022	0.3	0.5	567	-2.4	41.0	24.0	On
EW-3023	2.5	2.8	3,686	-5.6	30.4	24.0	On
EW-3024	0.3	0.6	517	0.9	---	22.0	On
EW-3025	2.5	2.5	3,560	-4.5	43.6	24.0	On
EW-3026	3.2	3.3	4,696	-8.8	44.9	24.0	On
EW-3027	0.0	0.7	157	0.3	---	9.3	Off
EW-4001	1.8	2.0	2,712	-2.8	37.3	24.0	On
EW-4002	1.9	2.2	2,899	-46.8	15.9	24.0	On
EW-4003	1.8	2.1	2,823	-25.1	---	24.0	On
EW-4004	1.5	1.9	2,300	-13.5	18.2	24.0	On
EW-4005	1.8	2.1	2,828	-17.6	---	24.0	On
EW-4006	1.2	1.4	1,855	-50.9	38.1	24.0	On
EW-4007	1.0	1.1	1,484	-9.0	42.3	24.0	On
EW-4008	1.9	2.2	2,862	-8.2	46.2	24.0	On
EW-4009	1.0	1.3	733	-28.8	33.7	12.3	On
EW-4010	2.0	2.1	2,931	-1.2	52.5	24.0	On
EW-4011	2.1	2.2	3,022	-23.8	52.6	24.0	On
EW-5001	1.9	2.2	2,862	-24.3	---	24.0	On
EW-5002	0.0	2.6	17	2.8	22.4	0.2	Off
EW Totals	**157.6**		**231,041**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	229.4	168 GPM
FIT-500	201 GPM	179.1	244 GPM
Effluent Temp	94.1 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 1, 2016 12AM to June 2, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	46.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 1, 2016 12AM to June 2, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	68.9
Permeate Flow	FIT-642	0 GPM	49.3
Concentrate Flow	FIT-643	0 GPM	18.5

Inlet Conductivity	CIT-630	869.2 µS
Outlet Conductivity	CIT-642	52.7 µS
Hours Run		12.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 2, 2016 12AM to June 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.7	2,361	1.6	38.4	24.0	On
EW-2002	0.6	0.8	955	5.6	37.7	24.0	On
EW-2003	1.0	1.1	1,463	5.1	32.0	24.0	On
EW-2004	0.4	0.4	589	8.1	28.7	24.0	On
EW-2005	0.3	0.5	525	7.0	27.1	23.4	On
EW-2006	0.9	1.0	1,329	5.8	24.7	24.0	On
EW-2007	1.5	1.6	2,187	7.8	22.2	24.0	On
EW-2008	0.4	0.7	682	2.6	23.4	24.0	On
EW-2009	1.0	1.1	1,459	3.3	23.6	24.0	On
EW-2010	0.0	0.4	241	6.1	22.7	13.6	Off
EW-2011	0.0	0.5	287	9.5	21.2	14.5	Off
EW-2012	0.3	0.4	175	12.0	16.3	10.3	On
EW-2013	0.4	0.6	282	17.4	16.4	13.6	On
EW-2014	0.8	1.5	1,252	13.1	22.4	24.0	On
EW-2015	0.3	0.7	455	13.5	16.8	19.7	On
EW-2016	0.4	0.6	658	10.4	---	21.7	On
EW-2017	1.1	1.3	1,693	12.3	---	24.0	On
EW-2018	0.5	0.9	754	11.2	---	24.0	On
EW-2019	0.0	0.3	158	13.2	---	8.8	Off
EW-2020	0.4	0.6	270	11.9	---	11.0	On
EW-2021	0.3	0.5	211	11.3	---	10.3	On
EW-2022	0.3	0.4	366	12.3	---	18.8	On
EW-2023	0.4	0.5	397	11.7	---	16.1	On
EW-2024	0.0	0.5	225	11.2	---	11.4	Off
EW-2025	0.7	1.1	1,001	11.2	---	24.0	On
EW-2026	0.5	0.9	707	10.6	---	24.0	On
EW-2027	0.7	1.0	997	8.2	---	24.0	On
EW-2028	0.6	1.0	895	9.2	---	24.0	On
EW-2029	0.7	1.0	1,005	7.2	---	24.0	On
EW-2030	1.2	1.4	1,783	10.5	---	24.0	On
EW-2031	1.2	1.4	1,742	11.2	---	24.0	On
EW-2032	0.4	0.8	565	9.5	---	24.0	On
EW-2033	0.4	0.8	563	10.4	---	24.0	On
EW-2034	0.6	0.8	920	8.3	24.3	24.0	On
EW-2035	0.9	1.0	1,416	6.7	21.9	24.0	On
EW-2036	0.6	1.8	911	12.8	36.9	24.0	On
EW-2037	0.6	1.4	868	3.3	42.4	22.6	On
EW-2101	22.0	22.8	32,254	8.7	55.1	24.0	On
EW-2102	18.7	19.7	27,680	13.7	57.8	24.0	On
EW-2103	12.9	15.3	18,771	15.5	47.9	24.0	On
EW-2104	40.8	41.4	53,720	11.9	62.5	24.0	On
EW-3001	0.0	0.0	0	1.8	16.2	0.0	Off
EW-3002	0.0	0.5	94	1.4	15.2	5.9	Off
EW-3003	0.0	0.0	0	4.3	15.0	0.0	Off

Daily Log

June 2, 2016 12AM to June 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.3	0.6	632	0.0	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.7	1.0	1,173	-0.6	---	24.0	On
EW-3008	0.4	0.7	590	-0.6	---	21.3	On
EW-3009	2.7	2.9	4,042	-1.3	---	24.0	On
EW-3010	0.9	1.2	1,296	-2.0	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	23.4	0.0	Off
EW-3012	0.5	0.7	685	-4.1	26.9	24.0	On
EW-3013	0.9	1.1	1,336	-6.1	33.6	24.0	On
EW-3014	0.3	0.5	221	-8.7	37.8	12.3	On
EW-3015	1.0	1.2	1,405	-5.9	46.4	24.0	On
EW-3016	0.7	0.9	1,134	-6.7	51.1	24.0	On
EW-3017	0.4	0.7	159	-5.4	53.0	7.9	On
EW-3018	0.4	0.6	86	-9.3	52.8	4.7	On
EW-3019	0.9	1.4	1,222	-2.1	53.3	24.0	On
EW-3020	3.2	3.3	4,643	-2.1	38.0	24.0	On
EW-3021	0.0	0.7	252	0.9	33.1	13.9	Off
EW-3022	0.4	1.1	558	-2.4	40.7	24.0	On
EW-3023	2.4	2.5	3,579	-5.2	30.8	24.0	On
EW-3024	0.3	0.6	514	1.5	---	21.9	On
EW-3025	2.4	2.9	3,535	-4.4	43.3	24.0	On
EW-3026	3.2	3.8	4,634	-8.9	44.6	24.0	On
EW-3027	0.2	0.7	210	0.1	---	12.3	On
EW-4001	1.8	2.6	2,754	-3.2	37.4	24.0	On
EW-4002	2.0	2.3	2,884	-46.8	16.4	24.0	On
EW-4003	1.8	2.1	2,821	-25.3	---	24.0	On
EW-4004	1.5	1.7	2,298	-13.5	18.2	24.0	On
EW-4005	1.8	2.0	2,800	-17.7	---	24.0	On
EW-4006	1.2	2.0	1,836	-51.0	37.8	24.0	On
EW-4007	1.0	1.2	1,447	-9.1	42.0	24.0	On
EW-4008	2.0	2.8	2,874	-8.5	46.4	24.0	On
EW-4009	0.9	1.1	1,463	-30.7	35.0	24.0	On
EW-4010	2.0	2.5	3,003	-1.6	52.6	24.0	On
EW-4011	2.1	2.5	3,068	-24.2	52.8	24.0	On
EW-5001	1.9	2.1	2,867	-24.2	---	24.0	On
EW-5002	0.0	0.0	0	2.7	22.2	0.0	Off
EW Totals	**158.6**		**226,886**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	225.3	167 GPM
FIT-500	63 GPM	183.2	245 GPM
Effluent Temp	94.1 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

June 2, 2016 12AM to June 3, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	47.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 2, 2016 12AM to June 3, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	92 GPM	68.9
Permeate Flow	FIT-642	67 GPM	49.1
Concentrate Flow	FIT-643	25 GPM	18.6

Inlet Conductivity	CIT-630	881.4 µS
Outlet Conductivity	CIT-642	22.0 µS
Hours Run		12.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 3, 2016 12AM to June 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	2.8	2,338	1.7	37.7	24.0	On
EW-2002	0.7	2.4	950	5.5	37.0	24.0	On
EW-2003	1.0	2.9	1,461	4.9	31.4	24.0	On
EW-2004	0.4	0.7	622	7.9	27.9	23.9	On
EW-2005	0.3	0.6	516	8.1	26.4	23.1	On
EW-2006	0.9	2.4	1,306	5.7	24.0	24.0	On
EW-2007	1.5	3.6	2,171	7.7	21.4	24.0	On
EW-2008	0.5	1.4	680	2.6	23.6	24.0	On
EW-2009	1.0	1.7	1,461	3.4	23.9	24.0	On
EW-2010	0.3	0.6	241	6.0	22.9	13.7	On
EW-2011	0.3	0.6	290	8.9	21.4	14.9	On
EW-2012	0.0	0.5	168	12.4	14.9	9.9	Off
EW-2013	0.3	0.6	281	17.9	14.9	13.8	On
EW-2014	0.9	2.5	1,257	12.7	21.8	24.0	On
EW-2015	0.0	0.5	458	13.9	15.9	19.6	On
EW-2016	0.4	0.6	649	12.1	---	21.4	On
EW-2017	1.2	2.9	1,688	12.2	---	24.0	On
EW-2018	0.5	1.5	753	11.0	---	24.0	On
EW-2019	0.3	0.4	159	12.2	---	8.9	On
EW-2020	0.4	0.6	271	11.5	---	11.1	On
EW-2021	0.3	0.5	207	13.3	---	10.2	On
EW-2022	0.3	0.4	364	12.5	---	18.7	On
EW-2023	0.4	0.5	396	11.8	---	16.1	On
EW-2024	0.3	0.5	225	11.6	---	11.1	On
EW-2025	0.7	1.9	1,000	10.9	---	24.0	On
EW-2026	0.5	1.4	708	10.3	---	24.0	On
EW-2027	0.7	1.9	995	7.9	---	24.0	On
EW-2028	0.6	1.7	895	8.9	---	24.0	On
EW-2029	0.7	1.8	1,004	6.9	---	24.0	On
EW-2030	1.2	3.1	1,782	10.2	---	24.0	On
EW-2031	1.2	3.1	1,737	10.9	---	24.0	On
EW-2032	0.4	0.7	566	9.2	---	24.0	On
EW-2033	0.4	1.2	566	10.1	---	24.0	On
EW-2034	0.6	2.0	916	8.1	23.5	24.0	On
EW-2035	1.0	2.4	1,410	6.5	21.2	24.0	On
EW-2036	0.6	2.1	910	12.8	37.4	24.0	On
EW-2037	0.6	1.4	862	4.2	43.0	22.6	On
EW-2101	22.0	22.4	25,764	9.0	54.6	24.0	On
EW-2102	18.6	20.6	22,248	13.9	57.2	24.0	On
EW-2103	13.1	17.9	18,778	15.5	48.0	24.0	On
EW-2104	41.0	41.4	46,201	12.1	62.2	24.0	On
EW-3001	0.0	0.0	0	1.8	14.8	0.0	Off
EW-3002	0.0	0.5	82	1.6	13.9	5.1	Off
EW-3003	0.0	0.0	0	4.3	13.9	0.0	Off

Daily Log

June 3, 2016 12AM to June 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	650	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	1.8	1,157	-0.9	---	24.0	On
EW-3008	0.4	0.7	580	-0.6	---	21.1	On
EW-3009	2.9	3.8	4,076	-1.6	---	24.0	On
EW-3010	0.9	2.2	1,268	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	22.6	0.0	Off
EW-3012	0.5	2.1	691	-4.3	26.2	24.0	On
EW-3013	0.9	2.8	1,336	-6.4	33.1	24.0	On
EW-3014	0.3	0.7	222	-8.5	37.5	12.1	On
EW-3015	0.9	5.3	1,406	-6.1	46.0	23.9	On
EW-3016	0.8	2.4	1,135	-6.6	50.8	24.0	On
EW-3017	0.3	1.1	160	-6.5	52.3	8.0	On
EW-3018	0.0	0.7	86	-9.1	52.0	4.7	Off
EW-3019	0.8	2.3	1,197	-2.1	52.9	20.4	On
EW-3020	3.2	5.7	4,600	-1.9	37.3	24.0	On
EW-3021	0.3	0.4	256	-0.4	33.4	14.1	On
EW-3022	0.4	1.4	544	-2.3	41.3	24.0	On
EW-3023	2.4	2.7	3,552	-5.2	30.1	24.0	On
EW-3024	0.4	0.6	508	0.9	---	21.6	On
EW-3025	2.5	5.0	3,518	-4.5	43.9	24.0	On
EW-3026	3.2	4.7	4,621	-9.1	45.2	24.0	On
EW-3027	0.0	0.7	186	0.3	---	10.8	Off
EW-4001	2.2	2.6	2,870	-3.9	37.8	24.0	On
EW-4002	2.0	5.9	2,869	-46.9	15.1	24.0	On
EW-4003	2.0	2.2	2,866	-25.9	---	24.0	On
EW-4004	1.7	1.8	2,356	-14.3	17.4	24.0	On
EW-4005	2.0	2.2	2,852	-18.0	---	24.0	On
EW-4006	1.3	3.6	1,820	-50.9	38.2	24.0	On
EW-4007	1.0	1.2	1,456	-9.4	42.5	24.0	On
EW-4008	2.0	2.8	2,914	-9.0	46.6	24.0	On
EW-4009	1.0	1.4	1,481	-31.4	34.6	24.0	On
EW-4010	2.3	2.6	3,136	-2.0	55.4	24.0	On
EW-4011	2.1	2.5	3,113	-24.8	55.3	24.0	On
EW-5001	2.0	2.2	2,905	-24.4	---	24.0	On
EW-5002	0.0	0.0	0	2.6	21.6	0.0	Off
EW Totals	**161.6**		**207,724**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	206.3	197 GPM
FIT-500	0 GPM	167.5	246 GPM
Effluent Temp	94.0 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 3, 2016 12AM to June 4, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	35 GPM	0.0
RC-7003	FIT-665	35 GPM	45.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 3, 2016 12AM to June 4, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	93 GPM	65.6
Permeate Flow	FIT-642	66 GPM	46.9
Concentrate Flow	FIT-643	25 GPM	17.6

Inlet Conductivity	CIT-630	881.4 µS
Outlet Conductivity	CIT-642	22.3 µS
Hours Run		12.4 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 4, 2016 12AM to June 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.6	1.7	2,336	1.8	37.8	24.0	On
EW-2002	0.7	0.8	948	5.5	37.1	24.0	On
EW-2003	1.0	1.1	1,452	5.1	31.5	24.0	On
EW-2004	0.4	0.4	591	7.9	28.1	24.0	On
EW-2005	0.4	0.4	511	6.9	26.6	23.3	On
EW-2006	0.9	1.0	1,291	5.8	24.2	24.0	On
EW-2007	1.5	1.5	2,162	7.7	21.7	24.0	On
EW-2008	0.5	0.6	682	2.5	23.4	24.0	On
EW-2009	1.0	1.1	1,462	3.3	23.6	24.0	On
EW-2010	0.0	0.4	243	5.7	22.7	13.8	Off
EW-2011	0.3	0.4	290	8.7	21.2	15.1	On
EW-2012	0.0	0.4	172	12.4	15.6	10.1	Off
EW-2013	0.0	0.5	278	18.0	15.6	13.9	Off
EW-2014	0.9	1.0	1,265	12.7	22.4	24.0	On
EW-2015	0.3	0.5	451	13.7	16.7	19.7	On
EW-2016	0.4	0.6	649	10.2	---	21.6	On
EW-2017	1.1	1.2	1,673	12.1	---	24.0	On
EW-2018	0.4	0.9	754	10.9	---	24.0	On
EW-2019	0.3	0.3	157	12.7	---	8.9	On
EW-2020	0.4	0.5	269	11.4	---	11.1	On
EW-2021	0.0	0.4	211	11.3	---	10.6	Off
EW-2022	0.0	0.4	364	12.2	---	18.8	Off
EW-2023	0.0	0.5	393	12.2	---	16.2	Off
EW-2024	0.0	0.5	225	11.9	---	11.3	Off
EW-2025	0.6	0.9	998	10.9	---	24.0	On
EW-2026	0.4	0.8	705	10.2	---	24.0	On
EW-2027	0.5	1.0	994	7.9	---	24.0	On
EW-2028	0.5	0.9	898	8.8	---	24.0	On
EW-2029	0.6	1.0	1,003	6.9	---	24.0	On
EW-2030	1.2	1.4	1,782	10.1	---	24.0	On
EW-2031	1.1	1.4	1,740	10.8	---	24.0	On
EW-2032	0.3	0.7	565	9.1	---	24.0	On
EW-2033	0.3	0.7	569	10.0	---	24.0	On
EW-2034	0.6	0.8	918	7.9	23.9	24.0	On
EW-2035	1.0	1.0	1,418	6.5	21.5	24.0	On
EW-2036	0.6	0.7	897	12.8	37.6	24.0	On
EW-2037	0.0	0.7	863	4.2	42.2	22.7	Off
EW-2101	21.7	22.1	31,365	8.7	54.6	24.0	On
EW-2102	17.8	18.7	26,199	13.7	57.1	24.0	On
EW-2103	13.1	13.3	18,786	15.4	48.1	24.0	On
EW-2104	40.9	41.3	58,947	11.8	62.7	24.0	On
EW-3001	0.0	0.0	0	1.8	15.4	0.0	Off
EW-3002	0.0	0.5	83	1.9	14.6	5.2	Off
EW-3003	0.0	0.0	0	4.3	14.6	0.0	Off

Daily Log

June 4, 2016 12AM to June 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.3	0.6	657	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.7	0.9	1,138	-0.9	---	24.0	On
EW-3008	0.3	0.6	572	-0.5	---	21.4	On
EW-3009	2.9	2.9	4,160	-1.5	---	24.0	On
EW-3010	0.8	1.0	1,231	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	0.0	23.0	0.0	Off
EW-3012	0.4	0.7	701	-4.5	26.6	24.0	On
EW-3013	0.9	1.1	1,336	-6.3	33.5	24.0	On
EW-3014	0.3	0.5	220	-8.0	37.9	12.4	On
EW-3015	0.9	1.2	1,400	-6.3	46.1	24.0	On
EW-3016	0.8	0.9	1,131	-6.7	50.8	24.0	On
EW-3017	0.0	1.0	158	-6.7	52.4	8.2	Off
EW-3018	0.0	0.6	87	-9.7	52.1	4.7	Off
EW-3019	0.8	1.3	1,215	-2.3	52.8	24.0	On
EW-3020	3.2	3.2	4,570	-1.9	37.5	24.0	On
EW-3021	0.3	0.4	256	-0.1	33.6	14.1	On
EW-3022	0.4	0.5	533	-2.5	41.2	24.0	On
EW-3023	2.4	2.4	3,490	-5.1	30.4	24.0	On
EW-3024	0.3	0.6	507	1.7	---	21.8	On
EW-3025	2.4	2.5	3,525	-4.5	43.8	24.0	On
EW-3026	3.2	3.3	4,615	-9.1	45.0	24.0	On
EW-3027	0.0	0.7	141	0.3	---	8.4	Off
EW-4001	2.2	2.2	3,087	-4.0	38.0	24.0	On
EW-4002	1.9	2.2	2,876	-47.2	15.7	24.0	On
EW-4003	1.9	2.0	2,816	-26.1	---	24.0	On
EW-4004	1.7	1.7	2,407	-14.5	17.7	24.0	On
EW-4005	1.9	2.0	2,786	-18.1	---	24.0	On
EW-4006	1.2	1.4	1,807	-50.9	38.3	24.0	On
EW-4007	1.0	1.1	1,500	-9.6	42.4	24.0	On
EW-4008	2.0	2.2	2,900	-8.9	46.5	24.0	On
EW-4009	1.0	1.1	1,496	-29.7	34.6	24.0	On
EW-4010	2.4	2.4	3,353	-2.1	54.8	24.0	On
EW-4011	2.1	2.3	3,051	-25.2	54.9	24.0	On
EW-5001	2.0	2.0	2,858	-24.4	---	24.0	On
EW-5002	0.0	0.0	0	2.6	21.9	0.0	Off
EW Totals	**155.8**		**230,138**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	228.4	166 GPM
FIT-500	211 GPM	180.5	247 GPM
Effluent Temp	93.6 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 4, 2016 12AM to June 5, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	35 GPM	0.0
RC-7003	FIT-665	35 GPM	45.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 4, 2016 12AM to June 5, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	67.6
Permeate Flow	FIT-642	0 GPM	48.2
Concentrate Flow	FIT-643	0 GPM	18.2

Inlet Conductivity	CIT-630	870.4 µS
Outlet Conductivity	CIT-642	22.9 µS
Hours Run		12.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 5, 2016 12AM to June 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	3.4	2,345	1.7	38.3	24.0	On
EW-2002	0.7	2.1	945	5.3	37.6	24.0	On
EW-2003	1.0	2.3	1,450	5.0	31.7	24.0	On
EW-2004	0.4	0.6	593	7.7	28.1	23.9	On
EW-2005	0.4	0.7	501	7.1	26.5	23.0	On
EW-2006	0.9	2.1	1,271	5.8	23.9	24.0	On
EW-2007	1.5	4.9	2,137	7.7	21.2	23.8	On
EW-2008	0.5	1.2	686	2.5	23.1	24.0	On
EW-2009	1.1	1.6	1,471	3.3	23.4	24.0	On
EW-2010	0.0	0.6	245	5.8	22.4	13.9	Off
EW-2011	0.3	0.6	294	9.0	20.9	15.4	On
EW-2012	0.0	0.4	176	12.3	14.8	10.4	Off
EW-2013	0.3	0.5	282	18.3	14.9	14.3	On
EW-2014	0.9	2.8	1,244	12.9	21.7	24.0	On
EW-2015	0.4	0.5	459	12.1	15.9	19.9	On
EW-2016	0.5	0.6	644	10.8	---	21.5	On
EW-2017	1.2	3.3	1,672	12.2	---	24.0	On
EW-2018	0.5	1.7	750	10.9	---	24.0	On
EW-2019	0.3	0.3	159	12.1	---	8.9	On
EW-2020	0.0	0.5	268	12.1	---	11.1	Off
EW-2021	0.0	0.4	208	12.2	---	10.5	Off
EW-2022	0.3	0.4	361	12.3	---	18.8	On
EW-2023	0.4	0.4	392	10.8	---	16.2	On
EW-2024	0.0	0.5	229	10.5	---	11.2	Off
EW-2025	0.7	2.1	996	10.8	---	24.0	On
EW-2026	0.5	1.5	704	10.2	---	24.0	On
EW-2027	0.7	2.2	991	7.9	---	24.0	On
EW-2028	0.6	1.9	896	8.9	---	24.0	On
EW-2029	0.7	2.2	1,004	6.8	---	24.0	On
EW-2030	1.3	3.7	1,776	10.1	---	24.0	On
EW-2031	1.2	3.7	1,734	10.8	---	24.0	On
EW-2032	0.4	1.0	564	9.1	---	24.0	On
EW-2033	0.4	1.3	568	10.0	---	24.0	On
EW-2034	0.7	2.0	919	7.9	23.8	24.0	On
EW-2035	1.0	2.6	1,425	6.5	21.1	24.0	On
EW-2036	0.6	1.7	899	12.8	37.1	24.0	On
EW-2037	0.6	1.0	864	4.4	42.4	22.7	On
EW-2101	21.8	25.3	30,859	8.7	55.8	23.8	On
EW-2102	17.1	18.1	25,011	13.8	57.2	23.8	On
EW-2103	13.1	17.3	18,768	15.4	47.9	24.0	On
EW-2104	41.1	41.6	58,874	11.7	62.1	24.0	On
EW-3001	0.0	0.0	0	1.8	14.7	0.0	Off
EW-3002	0.0	0.6	97	1.8	13.9	6.0	Off
EW-3003	0.0	0.0	0	4.3	13.9	0.0	Off

Daily Log

June 5, 2016 12AM to June 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	1	1.2	---	0.1	Off
EW-3005	0.5	0.6	649	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	1.4	1,118	-0.9	---	24.0	On
EW-3008	0.4	0.7	584	-0.6	---	21.4	On
EW-3009	2.8	3.1	4,095	-1.5	---	24.0	On
EW-3010	0.9	1.7	1,213	-2.3	---	24.0	On
EW-3011	0.0	0.7	6	0.0	23.0	0.3	Off
EW-3012	0.5	2.8	698	-4.5	26.5	24.0	On
EW-3013	0.9	6.4	1,343	-6.5	33.7	23.8	On
EW-3014	0.0	2.0	225	-8.6	38.4	12.4	Off
EW-3015	1.0	5.3	1,403	-6.1	46.7	23.9	On
EW-3016	0.8	4.0	1,124	-6.6	51.6	23.8	On
EW-3017	0.4	1.3	155	-5.3	53.5	7.5	On
EW-3018	0.0	2.8	86	-9.4	53.2	4.7	Off
EW-3019	0.7	2.5	1,206	-2.5	53.9	23.8	On
EW-3020	3.2	6.4	4,568	-2.1	37.9	23.8	On
EW-3021	0.3	0.5	261	-0.4	33.3	14.3	On
EW-3022	0.4	1.7	531	-2.3	41.1	24.0	On
EW-3023	2.4	2.4	3,420	-4.8	30.3	23.8	On
EW-3024	0.3	0.6	503	1.6	---	21.5	On
EW-3025	2.4	4.6	3,497	-4.5	43.7	24.0	On
EW-3026	3.2	5.3	4,592	-9.1	45.0	24.0	On
EW-3027	0.3	0.7	270	0.1	---	15.5	On
EW-4001	2.1	2.7	3,050	-3.7	37.6	24.0	On
EW-4002	2.0	3.7	2,865	-47.1	15.0	24.0	On
EW-4003	2.0	2.2	2,814	-26.6	---	24.0	On
EW-4004	1.6	2.0	2,405	-13.4	17.2	24.0	On
EW-4005	1.9	2.2	2,782	-18.2	---	24.0	On
EW-4006	1.3	2.9	1,797	-51.2	38.1	24.0	On
EW-4007	1.0	1.3	1,499	-9.5	42.3	24.0	On
EW-4008	2.0	2.8	2,881	-8.8	46.2	24.0	On
EW-4009	1.0	2.0	1,476	-29.8	34.9	24.0	On
EW-4010	2.1	2.7	3,197	-1.7	53.2	24.0	On
EW-4011	2.1	2.6	3,032	-24.8	53.2	24.0	On
EW-5001	2.0	2.2	2,846	-24.0	---	24.0	On
EW-5002	0.0	0.0	0	2.7	21.3	0.0	Off
EW Totals	**158.9**		**227,919**				

	Value	Total (KGal)	Peak Flow
FIT-100	157 GPM	226.2	167 GPM
FIT-500	204 GPM	198.7	247 GPM
Effluent Temp	94.0 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 5, 2016 12AM to June 6, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	35 GPM	0.0
RC-7003	FIT-665	35 GPM	35.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 5, 2016 12AM to June 6, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	51.6
Permeate Flow	FIT-642	0 GPM	36.5
Concentrate Flow	FIT-643	0 GPM	14.1

Inlet Conductivity	CIT-630	849.8 µS
Outlet Conductivity	CIT-642	55.9 µS
Hours Run		12.0 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	94.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 7, 2016 12AM to June 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.5	2,935	1.7	42.9	26.9	On
EW-2002	0.8	5.1	1,233	5.6	42.1	26.9	On
EW-2003	1.2	4.0	1,817	5.1	34.6	26.9	On
EW-2004	0.4	0.6	689	9.0	30.2	26.7	On
EW-2005	0.4	0.6	616	7.6	28.2	26.5	On
EW-2006	1.1	3.4	1,576	5.8	25.3	26.9	On
EW-2007	1.7	5.0	2,603	7.9	22.1	26.8	On
EW-2008	0.6	3.5	926	2.4	24.3	26.9	On
EW-2009	1.1	2.6	1,760	3.2	24.5	26.9	On
EW-2010	0.4	0.6	329	6.0	23.4	18.1	On
EW-2011	0.0	0.5	339	8.4	21.8	17.8	Off
EW-2012	0.0	0.5	217	12.8	15.1	12.6	Off
EW-2013	0.0	0.6	375	17.9	15.1	18.4	Off
EW-2014	1.0	4.5	1,472	12.8	22.1	26.9	On
EW-2015	0.0	0.5	215	12.9	16.1	11.6	Off
EW-2016	0.5	0.7	761	10.7	---	25.0	On
EW-2017	1.3	4.6	2,036	12.2	---	26.9	On
EW-2018	0.5	7.6	901	10.9	---	26.9	On
EW-2019	0.3	0.8	193	13.2	---	10.5	On
EW-2020	0.4	0.6	338	11.7	---	14.0	On
EW-2021	0.3	0.5	259	13.9	---	13.2	On
EW-2022	0.3	0.4	461	11.5	---	23.5	On
EW-2023	0.4	0.5	491	11.0	---	20.3	On
EW-2024	0.0	0.5	289	10.2	---	14.4	Off
EW-2025	0.8	7.1	1,225	10.8	---	26.9	On
EW-2026	0.6	7.6	882	10.2	---	26.9	On
EW-2027	0.8	7.5	1,222	7.8	---	26.9	On
EW-2028	0.7	7.4	1,106	8.8	---	26.9	On
EW-2029	0.8	7.5	1,228	6.8	---	26.9	On
EW-2030	1.4	7.4	2,189	10.1	---	26.9	On
EW-2031	1.5	7.7	2,237	10.8	---	26.9	On
EW-2032	0.5	6.9	697	9.1	---	26.9	On
EW-2033	0.4	7.6	696	10.0	---	26.9	On
EW-2034	0.7	6.6	1,179	7.9	24.1	27.0	On
EW-2035	1.1	2.7	1,690	6.5	24.6	26.9	On
EW-2036	0.8	4.8	1,188	12.8	38.3	26.3	On
EW-2037	0.7	1.6	1,063	4.4	44.1	25.5	On
EW-2101	21.6	23.1	34,680	9.6	56.3	26.9	On
EW-2102	16.8	19.0	27,091	14.4	57.6	26.9	On
EW-2103	13.2	17.9	20,626	16.0	48.7	26.3	On
EW-2104	40.8	42.7	64,275	12.6	62.8	26.3	On
EW-3001	0.0	0.6	49	1.9	15.0	2.5	Off
EW-3002	0.3	0.6	411	1.6	14.2	18.3	On
EW-3003	0.0	0.6	28	4.3	14.1	1.5	Off

Daily Log

June 7, 2016 12AM to June 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	72	1.2	---	4.3	Off
EW-3005	0.5	0.6	728	0.0	---	26.7	On
EW-3006	0.0	0.6	53	1.4	---	2.2	Off
EW-3007	1.1	6.4	1,936	-0.9	---	26.6	On
EW-3008	0.6	0.8	782	-0.8	---	25.8	On
EW-3009	3.3	7.1	5,710	-1.6	---	26.7	On
EW-3010	1.3	6.2	2,002	-2.3	---	26.6	On
EW-3011	0.0	0.7	98	0.4	23.3	4.9	Off
EW-3012	0.5	6.7	897	-4.5	26.8	26.7	On
EW-3013	1.0	6.1	1,612	-6.2	33.9	26.7	On
EW-3014	0.0	0.6	295	-8.2	38.8	15.9	Off
EW-3015	1.0	6.4	1,682	-6.0	47.1	26.7	On
EW-3016	0.8	3.7	1,333	-6.7	52.3	26.7	On
EW-3017	0.3	0.8	203	-5.8	54.0	10.1	On
EW-3018	0.0	0.6	128	-9.1	53.7	6.6	Off
EW-3019	0.9	2.9	1,422	-2.2	54.5	26.7	On
EW-3020	3.4	5.9	5,385	-2.1	42.1	26.7	On
EW-3021	0.4	0.5	408	-0.2	35.1	18.9	On
EW-3022	0.6	3.5	806	-2.3	44.8	24.7	On
EW-3023	2.5	2.7	3,913	-2.9	30.9	26.7	On
EW-3024	0.5	0.6	655	1.1	---	25.9	On
EW-3025	2.7	4.1	3,998	-4.5	47.6	24.7	On
EW-3026	3.4	4.3	5,027	-9.1	49.0	24.7	On
EW-3027	0.0	0.7	468	0.2	---	25.9	On
EW-4001	2.1	3.1	3,292	-2.1	38.7	26.1	On
EW-4002	2.1	7.0	3,393	-47.1	15.5	26.7	On
EW-4003	2.0	9.3	3,126	-23.5	---	26.7	On
EW-4004	1.6	1.8	2,493	-10.6	17.3	26.7	On
EW-4005	1.9	2.0	3,069	-15.4	---	26.7	On
EW-4006	1.4	4.5	2,040	-51.0	41.0	24.7	On
EW-4007	1.0	1.2	1,552	-7.6	45.8	24.7	On
EW-4008	2.1	2.2	3,179	-7.1	47.2	26.1	On
EW-4009	1.0	1.1	1,618	-26.8	35.4	26.7	On
EW-4010	2.3	2.7	3,451	0.2	56.7	26.1	On
EW-4011	2.1	2.3	3,319	-21.5	56.5	26.2	On
EW-5001	2.0	4.0	3,152	-21.6	---	26.7	On
EW-5002	0.0	2.5	78	3.9	21.8	0.7	Off
EW Totals	**164.7**		**259,966**				

	Value	Total (KGal)	Peak Flow
FIT-100	164 GPM	258.9	186 GPM
FIT-500	205 GPM	239.5	268 GPM
Effluent Temp	93.2 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

June 7, 2016 12AM to June 8, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	34 GPM	0.0
RC-7003	FIT-665	34 GPM	21.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 7, 2016 12AM to June 8, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	34.0
Permeate Flow	FIT-642	0 GPM	23.6
Concentrate Flow	FIT-643	0 GPM	9.5

Inlet Conductivity	CIT-630	973.1 µS
Outlet Conductivity	CIT-642	47.2 µS
Hours Run		9.3 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	93.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 8, 2016 12AM to June 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.1	2,753	1.8	43.8	24.0	On
EW-2002	0.8	1.1	1,194	5.5	42.9	24.0	On
EW-2003	1.3	1.3	1,795	5.1	35.2	24.0	On
EW-2004	0.4	0.5	597	9.4	30.7	24.0	On
EW-2005	0.4	0.5	574	8.4	28.6	24.0	On
EW-2006	1.1	1.4	1,528	5.7	25.7	24.0	On
EW-2007	1.8	2.1	2,527	7.7	22.3	24.0	On
EW-2008	0.6	0.8	779	2.5	24.6	24.0	On
EW-2009	1.1	1.2	1,576	3.2	24.8	24.0	On
EW-2010	0.0	0.4	289	6.2	23.7	16.1	Off
EW-2011	0.4	0.5	338	8.8	22.2	17.0	On
EW-2012	0.0	0.4	192	12.3	15.1	11.3	Off
EW-2013	0.4	0.6	394	17.5	15.3	17.9	On
EW-2014	0.9	1.9	1,393	12.9	20.7	24.0	On
EW-2015	0.0	0.0	0	13.8	17.2	3.2	On
EW-2016	0.6	0.6	717	10.2	---	23.0	On
EW-2017	1.3	1.5	1,891	12.3	---	24.0	On
EW-2018	0.5	0.9	822	10.8	---	24.0	On
EW-2019	0.0	0.5	174	12.0	---	9.4	Off
EW-2020	0.0	0.6	312	10.2	---	12.8	Off
EW-2021	0.0	0.4	243	12.3	---	12.3	Off
EW-2022	0.3	0.4	440	11.1	---	22.3	On
EW-2023	0.0	0.5	462	11.0	---	19.0	Off
EW-2024	0.0	0.5	262	11.0	---	13.1	Off
EW-2025	0.8	1.0	1,125	10.8	---	24.0	On
EW-2026	0.5	0.9	812	10.2	---	24.0	On
EW-2027	0.8	1.0	1,115	7.8	---	24.0	On
EW-2028	0.7	1.0	1,006	8.8	---	24.0	On
EW-2029	0.8	1.0	1,112	6.8	---	24.0	On
EW-2030	1.5	1.5	2,018	10.2	---	24.0	On
EW-2031	1.5	1.6	2,094	10.9	---	24.0	On
EW-2032	0.4	0.7	638	9.1	---	24.0	On
EW-2033	0.4	0.8	627	10.0	---	24.0	On
EW-2034	0.8	1.6	1,081	8.0	25.1	24.0	On
EW-2035	1.1	1.2	1,517	6.5	25.5	24.0	On
EW-2036	0.8	1.1	1,177	12.9	34.1	24.0	On
EW-2037	0.7	1.4	1,002	3.3	38.7	23.3	On
EW-2101	21.2	26.4	28,481	9.7	58.4	24.0	On
EW-2102	16.9	20.3	22,520	14.3	60.0	23.9	On
EW-2103	5.9	15.3	14,587	16.6	40.4	24.0	On
EW-2104	42.0	42.3	54,008	12.7	57.3	24.0	On
EW-3001	0.0	0.0	0	1.8	14.9	0.0	Off
EW-3002	0.0	0.5	319	1.8	14.0	16.7	Off
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

June 8, 2016 12AM to June 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	1	1.2	---	0.1	Off
EW-3005	0.4	0.6	641	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.1	1.4	1,532	-0.9	---	24.0	On
EW-3008	0.6	0.7	777	-0.8	---	23.9	On
EW-3009	3.0	3.3	4,421	-1.4	---	24.0	On
EW-3010	1.3	1.5	1,795	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	0.2	24.2	0.0	Off
EW-3012	0.6	1.4	752	-4.4	28.1	24.0	On
EW-3013	1.0	2.2	1,403	-6.2	35.5	24.0	On
EW-3014	0.3	0.7	240	-8.9	40.6	13.0	On
EW-3015	1.0	5.4	1,464	-6.0	49.1	23.9	On
EW-3016	0.8	1.9	1,176	-6.5	54.3	24.0	On
EW-3017	0.3	1.0	164	-7.2	56.1	8.4	On
EW-3018	0.0	1.1	93	-8.8	55.8	5.0	Off
EW-3019	0.9	2.2	1,286	-2.1	56.6	22.7	On
EW-3020	3.4	3.6	4,948	-1.9	42.9	24.0	On
EW-3021	0.3	0.7	324	-0.3	32.0	16.3	On
EW-3022	0.5	1.4	813	-2.3	40.9	24.0	On
EW-3023	2.6	2.9	3,689	-4.1	32.1	24.0	On
EW-3024	0.4	0.6	633	1.0	---	24.0	On
EW-3025	2.6	3.0	3,807	-4.5	43.7	24.0	On
EW-3026	3.3	3.7	4,871	-9.0	45.2	24.0	On
EW-3027	0.3	0.7	435	0.2	---	24.0	On
EW-4001	2.0	2.6	2,967	-2.2	34.4	24.0	On
EW-4002	2.1	2.4	2,976	-47.2	15.4	24.0	On
EW-4003	2.0	2.2	2,856	-24.6	---	24.0	On
EW-4004	1.6	1.8	2,230	-11.2	17.5	24.0	On
EW-4005	2.0	2.2	2,797	-16.1	---	24.0	On
EW-4006	1.4	2.5	2,001	-50.9	37.5	24.0	On
EW-4007	1.0	1.2	1,476	-7.9	42.0	24.0	On
EW-4008	2.0	2.8	2,908	-7.5	40.6	24.0	On
EW-4009	1.0	1.4	1,456	-25.8	36.8	24.0	On
EW-4010	2.0	2.6	3,155	0.0	49.5	24.0	On
EW-4011	2.1	2.6	3,104	-21.6	49.2	24.0	On
EW-5001	2.0	2.2	2,827	-22.6	---	24.0	On
EW-5002	0.0	0.0	0	3.5	22.2	0.0	Off
EW Totals	**156.6**		**222,506**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	221.6	172 GPM
FIT-500	206 GPM	198.8	243 GPM
Effluent Temp	94.9 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 8, 2016 12AM to June 9, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	22.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 8, 2016 12AM to June 9, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	35.3
Permeate Flow	FIT-642	0 GPM	24.7
Concentrate Flow	FIT-643	0 GPM	9.6

Inlet Conductivity	CIT-630	983.2 µS
Outlet Conductivity	CIT-642	67.4 µS
Hours Run		5.5 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 9, 2016 12AM to June 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.4	2,787	1.4	45.4	23.9	On
EW-2002	0.8	5.0	1,229	5.5	44.5	23.9	On
EW-2003	1.3	3.3	1,837	4.9	36.6	23.9	On
EW-2004	0.6	0.6	649	7.7	31.9	23.9	On
EW-2005	0.4	0.7	583	8.4	29.7	23.9	On
EW-2006	1.1	3.5	1,561	5.7	26.4	23.9	On
EW-2007	1.8	5.0	2,606	7.8	23.0	23.8	On
EW-2008	0.5	2.7	784	2.5	25.4	23.8	On
EW-2009	1.1	2.6	1,568	3.4	25.7	23.8	On
EW-2010	0.3	0.7	293	5.9	24.6	16.3	On
EW-2011	0.3	0.7	342	9.0	23.0	17.5	On
EW-2012	0.3	0.3	196	12.7	16.0	11.4	On
EW-2013	0.5	0.6	412	18.1	16.1	18.5	On
EW-2014	1.0	4.3	1,415	13.0	22.2	23.9	On
EW-2015	0.0	0.0	0	11.5	16.2	2.9	Off
EW-2016	0.6	0.6	718	10.8	---	22.9	On
EW-2017	1.3	4.5	1,907	12.3	---	23.9	On
EW-2018	0.8	4.9	832	10.8	---	23.9	On
EW-2019	0.4	0.4	174	12.6	---	9.6	On
EW-2020	0.0	0.6	306	11.6	---	12.6	Off
EW-2021	0.4	0.4	243	12.0	---	12.5	On
EW-2022	0.3	0.4	438	11.4	---	22.4	On
EW-2023	0.4	0.5	460	11.0	---	19.0	On
EW-2024	0.5	0.5	263	10.7	---	13.1	On
EW-2025	1.0	5.4	1,132	10.9	---	23.9	On
EW-2026	0.8	4.6	809	10.3	---	23.9	On
EW-2027	1.0	6.3	1,119	7.9	---	23.9	On
EW-2028	0.9	5.5	1,009	8.9	---	23.9	On
EW-2029	1.0	6.6	1,116	6.9	---	23.9	On
EW-2030	1.5	7.2	2,021	10.4	---	23.9	On
EW-2031	1.5	7.5	2,099	11.1	---	23.9	On
EW-2032	0.7	3.8	642	9.2	---	23.9	On
EW-2033	0.7	3.6	638	10.0	---	23.9	On
EW-2034	0.8	5.8	1,087	8.2	25.5	23.9	On
EW-2035	1.1	2.4	1,532	6.8	26.5	23.9	On
EW-2036	0.8	1.7	1,208	13.0	38.2	23.8	On
EW-2037	0.8	1.4	1,021	3.5	44.1	23.5	On
EW-2101	21.0	23.7	25,474	9.9	59.1	23.9	On
EW-2102	16.3	17.6	20,481	14.5	60.5	23.9	On
EW-2103	13.1	17.9	14,783	16.5	48.9	23.8	On
EW-2104	40.9	42.7	48,284	13.0	63.7	23.8	On
EW-3001	0.0	0.0	0	1.8	15.8	0.0	Off
EW-3002	0.0	0.6	284	1.5	14.6	15.5	Off
EW-3003	0.0	0.0	0	4.3	14.5	0.0	Off

Daily Log

June 9, 2016 12AM to June 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	2	1.3	---	0.1	Off
EW-3005	0.5	0.6	642	-0.1	---	23.8	On
EW-3006	0.0	0.4	1	1.4	---	0.0	Off
EW-3007	1.0	5.8	1,486	-0.7	---	23.7	On
EW-3008	0.6	0.7	710	-0.7	---	22.8	On
EW-3009	3.1	6.8	4,304	-1.5	---	23.8	On
EW-3010	1.2	6.1	1,754	-2.1	---	23.8	On
EW-3011	0.0	0.7	9	0.1	24.6	0.4	Off
EW-3012	0.6	5.7	729	-4.3	28.6	23.8	On
EW-3013	1.0	4.9	1,393	-6.2	36.2	23.8	On
EW-3014	0.0	0.8	231	-8.7	41.2	12.2	Off
EW-3015	1.0	5.4	1,459	-5.9	49.8	23.7	On
EW-3016	0.8	2.4	1,176	-6.5	55.2	23.8	On
EW-3017	0.4	0.8	163	-7.5	57.0	8.2	On
EW-3018	0.4	0.7	92	-9.2	56.8	5.0	On
EW-3019	0.9	2.5	1,283	-2.1	57.7	20.7	On
EW-3020	3.5	5.9	4,983	-2.2	44.5	23.8	On
EW-3021	0.4	0.5	300	0.5	34.9	15.4	On
EW-3022	0.5	4.2	790	-2.4	44.1	23.8	On
EW-3023	2.6	2.9	3,832	-4.7	32.7	23.8	On
EW-3024	0.5	0.6	613	1.0	---	23.5	On
EW-3025	2.6	5.2	3,745	-4.5	46.9	23.8	On
EW-3026	3.4	5.2	4,831	-9.1	48.4	23.8	On
EW-3027	0.4	0.7	431	0.2	---	23.8	On
EW-4001	2.0	2.6	2,824	-2.5	38.4	23.6	On
EW-4002	2.2	6.5	2,937	-46.9	16.2	23.6	On
EW-4003	2.0	9.2	2,827	-24.3	---	23.6	On
EW-4004	1.5	1.8	2,222	-11.4	17.8	23.6	On
EW-4005	1.9	2.2	2,790	-15.7	---	23.6	On
EW-4006	1.3	4.9	1,973	-50.9	40.6	23.6	On
EW-4007	1.1	1.2	1,433	-8.4	45.2	23.6	On
EW-4008	1.9	2.8	2,864	-7.5	47.3	23.6	On
EW-4009	1.0	1.4	1,429	-24.9	37.4	23.6	On
EW-4010	2.3	2.6	3,071	-0.4	56.4	23.6	On
EW-4011	2.1	2.5	3,043	-22.4	56.2	23.6	On
EW-5001	2.0	2.2	2,806	-22.5	---	23.6	On
EW-5002	0.0	0.0	0	3.4	22.3	0.0	Off
EW Totals	**167.5**		**211,520**				

	Value	Total (KGal)	Peak Flow
FIT-100	166 GPM	210.8	185 GPM
FIT-500	204 GPM	191.5	240 GPM
Effluent Temp	94.1 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 9, 2016 12AM to June 10, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	24.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 9, 2016 12AM to June 10, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	37.5
Permeate Flow	FIT-642	0 GPM	26.5
Concentrate Flow	FIT-643	0 GPM	10.2

Inlet Conductivity	CIT-630	828.1 µS
Outlet Conductivity	CIT-642	53.0 µS
Hours Run		6.2 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 10, 2016 12AM to June 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.1	2,792	1.4	45.0	24.0	On
EW-2002	0.9	1.2	1,223	5.4	44.2	24.0	On
EW-2003	1.3	1.5	1,845	5.1	36.2	24.0	On
EW-2004	0.5	0.6	793	8.2	31.5	24.0	On
EW-2005	0.5	0.6	610	7.9	29.3	24.0	On
EW-2006	1.1	1.5	1,582	5.7	26.0	24.0	On
EW-2007	1.9	2.3	2,665	7.7	22.2	24.0	On
EW-2008	0.5	0.8	767	2.4	24.0	24.0	On
EW-2009	1.1	1.2	1,566	3.2	24.2	24.0	On
EW-2010	0.3	0.5	282	6.7	23.2	15.9	On
EW-2011	0.0	0.5	343	8.9	21.7	17.5	Off
EW-2012	0.0	0.5	199	13.3	14.5	11.5	Off
EW-2013	0.0	0.6	421	18.3	14.5	18.8	Off
EW-2014	1.0	1.6	1,430	12.7	21.9	24.0	On
EW-2015	0.0	0.0	0	14.6	15.9	2.9	On
EW-2016	0.6	0.8	732	10.3	---	23.2	On
EW-2017	1.4	1.8	1,926	12.2	---	24.0	On
EW-2018	0.6	1.7	840	10.9	---	24.0	On
EW-2019	0.3	0.5	175	12.9	---	9.6	On
EW-2020	0.0	0.7	310	11.7	---	12.8	Off
EW-2021	0.0	0.5	243	12.6	---	12.5	Off
EW-2022	0.3	0.5	430	12.1	---	21.8	On
EW-2023	0.0	0.6	460	10.9	---	18.9	Off
EW-2024	0.0	0.7	265	11.4	---	13.4	Off
EW-2025	0.8	1.7	1,139	10.8	---	24.0	On
EW-2026	0.6	1.7	815	10.2	---	24.0	On
EW-2027	0.8	1.8	1,125	7.8	---	24.0	On
EW-2028	0.7	1.8	1,014	8.8	---	24.0	On
EW-2029	0.8	1.7	1,121	6.8	---	24.0	On
EW-2030	1.4	2.2	2,030	10.1	---	24.0	On
EW-2031	1.5	2.3	2,100	10.8	---	24.0	On
EW-2032	0.5	1.5	646	9.1	---	24.0	On
EW-2033	0.5	1.7	649	10.0	---	24.0	On
EW-2034	0.8	1.9	1,094	7.9	25.1	24.0	On
EW-2035	1.1	1.3	1,556	6.5	26.3	24.0	On
EW-2036	0.9	1.2	1,223	12.7	37.9	24.0	On
EW-2037	0.7	1.4	1,009	4.0	43.4	23.4	On
EW-2101	21.1	22.7	24,080	10.0	58.5	24.0	On
EW-2102	15.9	16.6	19,211	14.6	60.1	24.0	On
EW-2103	13.2	15.3	18,822	16.6	48.4	24.0	On
EW-2104	40.8	41.1	44,991	13.2	62.9	24.0	On
EW-3001	0.0	0.0	0	1.8	14.5	0.0	Off
EW-3002	0.0	0.5	201	2.2	13.6	11.4	Off
EW-3003	0.0	0.0	0	4.3	13.7	0.0	Off

Daily Log

June 10, 2016 12AM to June 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.7	651	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.1	1.9	1,466	-0.9	---	24.0	On
EW-3008	0.4	0.8	653	-0.4	---	22.2	On
EW-3009	3.1	3.5	4,372	-1.5	---	24.0	On
EW-3010	1.2	2.0	1,732	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.2	24.3	0.0	Off
EW-3012	0.5	2.2	720	-4.5	28.5	24.0	On
EW-3013	0.9	2.6	1,392	-6.5	36.3	24.0	On
EW-3014	0.2	0.8	229	-7.5	41.7	12.4	On
EW-3015	1.0	5.4	1,465	-6.3	49.6	23.9	On
EW-3016	0.8	2.6	1,184	-6.5	54.7	24.0	On
EW-3017	0.3	1.0	162	-6.2	56.3	8.4	On
EW-3018	0.0	0.6	91	-9.3	56.0	5.0	Off
EW-3019	0.9	2.5	1,312	-2.3	56.8	23.5	On
EW-3020	3.6	3.8	5,094	-2.1	44.2	24.0	On
EW-3021	0.0	0.5	282	0.9	33.9	14.6	Off
EW-3022	0.6	1.4	771	-2.5	43.2	24.0	On
EW-3023	2.7	3.0	3,884	-5.1	32.5	24.0	On
EW-3024	0.5	0.7	611	0.7	---	23.5	On
EW-3025	2.6	3.1	3,765	-4.5	46.0	24.0	On
EW-3026	3.4	3.8	4,872	-9.1	47.5	24.0	On
EW-3027	0.4	0.8	434	0.1	---	23.9	On
EW-4001	2.2	2.7	2,979	-2.8	38.2	24.0	On
EW-4002	2.0	2.7	2,950	-47.2	14.9	24.0	On
EW-4003	2.1	2.3	2,920	-26.4	---	24.0	On
EW-4004	1.7	1.9	2,340	-12.9	17.3	24.0	On
EW-4005	2.1	2.3	2,907	-17.8	---	24.0	On
EW-4006	1.4	2.3	1,976	-51.2	39.7	24.0	On
EW-4007	1.1	1.2	1,485	-8.5	44.4	24.0	On
EW-4008	2.0	2.8	2,938	-8.0	46.8	24.0	On
EW-4009	1.0	1.5	1,463	-27.4	37.3	24.0	On
EW-4010	2.1	2.6	3,194	-0.3	55.1	24.0	On
EW-4011	2.2	2.6	3,179	-25.0	55.0	24.0	On
EW-5001	2.1	2.3	2,919	-24.6	---	24.0	On
EW-5002	0.0	0.0	0	3.2	22.0	0.0	Off
EW Totals	**162.5**		**211,117**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	210.4	177 GPM
FIT-500	209 GPM	177.0	242 GPM
Effluent Temp	93.2 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 10, 2016 12AM to June 11, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	28.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 10, 2016 12AM to June 11, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	44.3
Permeate Flow	FIT-642	0 GPM	31.5
Concentrate Flow	FIT-643	0 GPM	11.9

Inlet Conductivity	CIT-630	833.6 µS
Outlet Conductivity	CIT-642	33.6 µS
Hours Run		6.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 11, 2016 12AM to June 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.0	2,748	1.7	44.5	24.0	On
EW-2002	0.9	1.2	1,208	5.4	43.7	24.0	On
EW-2003	1.3	1.4	1,833	5.1	36.0	24.0	On
EW-2004	0.5	0.6	741	8.5	31.3	24.0	On
EW-2005	0.4	0.5	581	9.3	29.0	24.0	On
EW-2006	1.1	1.4	1,570	5.8	25.7	24.0	On
EW-2007	1.9	2.2	2,672	7.8	22.0	24.0	On
EW-2008	0.5	0.7	756	2.4	23.5	24.0	On
EW-2009	1.1	1.1	1,561	3.2	23.7	24.0	On
EW-2010	0.0	0.4	279	6.0	22.7	15.7	Off
EW-2011	0.0	0.5	342	9.1	21.2	17.3	Off
EW-2012	0.3	0.4	200	13.2	15.3	11.6	On
EW-2013	0.4	0.5	422	17.3	15.3	18.9	On
EW-2014	1.0	1.8	1,457	12.9	21.7	24.0	On
EW-2015	0.0	0.0	0	14.4	15.9	3.0	Off
EW-2016	0.6	0.7	741	11.9	---	23.4	On
EW-2017	1.4	1.5	1,936	12.2	---	24.0	On
EW-2018	0.6	1.1	849	10.8	---	24.0	On
EW-2019	0.0	0.4	178	12.6	---	9.8	Off
EW-2020	0.0	0.6	313	11.0	---	12.8	Off
EW-2021	0.0	0.5	246	11.8	---	12.5	Off
EW-2022	0.3	0.4	443	11.1	---	22.4	On
EW-2023	0.4	0.5	462	11.3	---	19.0	On
EW-2024	0.4	0.5	268	10.2	---	13.3	On
EW-2025	0.8	1.1	1,138	10.8	---	24.0	On
EW-2026	0.6	1.1	813	10.2	---	24.0	On
EW-2027	0.8	1.2	1,123	7.8	---	24.0	On
EW-2028	0.7	1.2	1,012	8.8	---	24.0	On
EW-2029	0.8	1.2	1,120	6.8	---	24.0	On
EW-2030	1.4	1.7	2,024	10.3	---	24.0	On
EW-2031	1.5	1.7	2,084	10.9	---	24.0	On
EW-2032	0.5	0.9	649	9.1	---	24.0	On
EW-2033	0.5	1.0	645	10.0	---	24.0	On
EW-2034	0.8	1.5	1,090	8.1	24.8	24.0	On
EW-2035	1.1	1.2	1,564	6.7	26.1	24.0	On
EW-2036	0.8	1.0	1,215	13.0	37.5	24.0	On
EW-2037	0.7	1.4	1,007	4.5	42.8	23.4	On
EW-2101	21.0	22.8	29,964	9.7	58.3	24.0	On
EW-2102	15.8	19.4	22,707	14.6	59.5	24.0	On
EW-2103	13.1	15.3	18,812	16.7	48.3	24.0	On
EW-2104	40.5	41.2	57,924	13.3	62.9	24.0	On
EW-3001	0.0	0.0	0	1.8	15.1	0.0	Off
EW-3002	0.0	0.5	126	2.1	14.1	6.9	Off
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

June 11, 2016 12AM to June 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	641	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.1	1.3	1,467	-0.9	---	24.0	On
EW-3008	0.6	0.7	711	-0.9	---	22.9	On
EW-3009	3.0	3.2	4,337	-1.5	---	24.0	On
EW-3010	1.2	1.5	1,714	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	0.2	23.9	0.0	Off
EW-3012	0.6	1.5	729	-4.4	28.0	24.0	On
EW-3013	1.0	2.5	1,392	-6.4	35.7	24.0	On
EW-3014	0.0	0.7	231	-8.1	40.7	12.6	Off
EW-3015	1.1	5.3	1,464	-6.2	48.9	23.9	On
EW-3016	0.8	2.4	1,182	-6.8	54.3	24.0	On
EW-3017	0.0	0.9	162	-5.3	56.1	8.5	Off
EW-3018	0.0	0.7	90	-8.8	55.8	4.8	Off
EW-3019	0.9	2.3	1,320	-2.3	56.6	23.7	On
EW-3020	3.5	3.7	5,070	-1.9	43.7	24.0	On
EW-3021	0.0	0.5	307	0.3	33.7	15.8	Off
EW-3022	0.6	1.4	766	-2.4	42.9	24.0	On
EW-3023	2.6	2.9	3,797	-5.0	32.0	24.0	On
EW-3024	0.5	0.6	628	0.9	---	23.9	On
EW-3025	2.7	3.4	3,775	-4.4	45.7	24.0	On
EW-3026	3.4	4.0	4,837	-9.0	47.2	24.0	On
EW-3027	0.3	0.7	435	0.2	---	24.0	On
EW-4001	2.0	2.7	2,917	-2.4	37.7	24.0	On
EW-4002	2.1	2.4	2,944	-47.0	15.5	24.0	On
EW-4003	2.0	2.2	2,907	-25.4	---	24.0	On
EW-4004	1.6	1.9	2,302	-11.4	17.2	24.0	On
EW-4005	2.0	2.2	2,930	-16.7	---	24.0	On
EW-4006	1.4	2.3	1,963	-51.0	39.4	24.0	On
EW-4007	1.1	1.2	1,454	-8.3	44.1	24.0	On
EW-4008	2.0	2.8	2,895	-7.7	46.8	24.0	On
EW-4009	1.0	1.4	1,458	-28.1	37.0	24.0	On
EW-4010	2.0	2.5	2,944	-0.1	53.7	24.0	On
EW-4011	2.1	2.6	3,138	-23.7	53.4	24.0	On
EW-5001	2.0	2.2	2,899	-23.4	---	24.0	On
EW-5002	0.0	0.0	0	3.2	21.8	0.0	Off
EW Totals	**161.9**		**232,630**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	231.5	172 GPM
FIT-500	204 GPM	210.1	242 GPM
Effluent Temp	93.8 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 11, 2016 12AM to June 12, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	30 GPM	0.0
RC-7003	FIT-665	31 GPM	31.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 11, 2016 12AM to June 12, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	45.3
Permeate Flow	FIT-642	0 GPM	32.3
Concentrate Flow	FIT-643	0 GPM	12.2

Inlet Conductivity	CIT-630	842.3 µS
Outlet Conductivity	CIT-642	52.7 µS
Hours Run		7.3 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	94.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 12, 2016 12AM to June 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,708	1.6	44.6	24.0	On
EW-2002	0.8	0.9	1,194	5.4	43.8	24.0	On
EW-2003	1.3	1.3	1,824	5.1	36.2	24.0	On
EW-2004	0.5	0.5	703	9.1	31.4	24.0	On
EW-2005	0.4	0.4	547	9.1	29.3	24.0	On
EW-2006	1.1	1.1	1,553	5.8	25.9	24.0	On
EW-2007	1.9	1.9	2,682	7.7	22.2	24.0	On
EW-2008	0.5	0.7	751	2.4	24.1	24.0	On
EW-2009	1.1	1.1	1,554	3.2	24.2	24.0	On
EW-2010	0.0	0.4	274	5.8	23.2	15.5	Off
EW-2011	0.4	0.4	341	8.3	21.8	17.5	On
EW-2012	0.0	0.3	201	13.0	15.0	11.7	Off
EW-2013	0.4	0.5	411	17.3	15.1	18.7	On
EW-2014	1.0	1.2	1,475	12.9	21.7	24.0	On
EW-2015	0.0	0.0	0	12.5	15.8	3.0	Off
EW-2016	0.6	0.6	751	10.0	---	23.4	On
EW-2017	1.4	1.4	1,938	12.1	---	24.0	On
EW-2018	0.6	0.9	857	10.9	---	24.0	On
EW-2019	0.3	0.4	180	11.2	---	10.0	On
EW-2020	0.0	0.5	312	12.0	---	12.9	Off
EW-2021	0.0	0.4	245	12.7	---	12.6	Off
EW-2022	0.0	0.4	439	11.2	---	22.3	Off
EW-2023	0.4	0.5	465	12.3	---	19.0	On
EW-2024	0.0	0.5	267	11.3	---	13.3	Off
EW-2025	0.8	1.0	1,141	10.8	---	24.0	On
EW-2026	0.6	0.8	813	10.3	---	24.0	On
EW-2027	0.8	1.0	1,123	7.8	---	24.0	On
EW-2028	0.7	1.0	1,014	8.8	---	24.0	On
EW-2029	0.8	1.0	1,122	6.9	---	24.0	On
EW-2030	1.4	1.5	2,024	10.2	---	24.0	On
EW-2031	1.5	1.6	2,074	10.9	---	24.0	On
EW-2032	0.5	0.7	651	9.1	---	24.0	On
EW-2033	0.5	0.8	652	10.0	---	24.0	On
EW-2034	0.8	0.9	1,088	8.1	24.8	24.0	On
EW-2035	1.1	1.1	1,540	6.7	26.1	24.0	On
EW-2036	0.8	0.9	1,195	12.8	37.6	24.0	On
EW-2037	0.7	0.9	1,006	3.5	42.8	23.5	On
EW-2101	20.6	21.1	29,921	9.7	59.5	24.0	On
EW-2102	15.3	15.9	22,306	14.7	60.4	24.0	On
EW-2103	13.1	13.3	18,820	16.7	48.3	24.0	On
EW-2104	40.5	40.9	58,441	13.3	62.3	24.0	On
EW-3001	0.0	0.0	0	1.8	14.9	0.0	Off
EW-3002	0.0	0.4	158	2.2	13.9	8.5	Off
EW-3003	0.0	0.0	0	4.3	13.9	0.0	Off

Daily Log

June 12, 2016 12AM to June 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.6	649	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.1	1.1	1,485	-0.9	---	24.0	On
EW-3008	0.6	0.6	760	-0.9	---	23.5	On
EW-3009	3.0	3.0	4,269	-1.4	---	24.0	On
EW-3010	1.2	1.3	1,688	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	0.3	23.9	0.0	Off
EW-3012	0.5	0.7	732	-4.3	28.2	24.0	On
EW-3013	1.0	1.1	1,393	-6.2	36.0	24.0	On
EW-3014	0.3	0.5	231	-8.8	41.4	12.6	On
EW-3015	1.0	1.2	1,469	-6.0	49.8	24.0	On
EW-3016	0.8	0.9	1,181	-6.8	55.5	24.0	On
EW-3017	0.0	0.8	164	-6.0	57.4	8.6	Off
EW-3018	0.3	0.6	91	-9.3	57.2	4.9	On
EW-3019	0.9	1.1	1,325	-2.3	58.0	24.0	On
EW-3020	3.5	3.5	5,032	-1.9	43.8	24.0	On
EW-3021	0.4	0.4	315	0.0	34.2	16.1	On
EW-3022	0.5	0.6	761	-2.4	43.0	24.0	On
EW-3023	2.6	2.7	3,794	-5.2	32.2	24.0	On
EW-3024	0.5	0.6	634	0.8	---	23.9	On
EW-3025	2.6	2.7	3,780	-4.4	45.7	24.0	On
EW-3026	3.3	3.4	4,821	-9.0	47.1	24.0	On
EW-3027	0.3	0.7	435	0.2	---	24.0	On
EW-4001	2.0	2.0	2,827	-2.3	37.8	24.0	On
EW-4002	2.0	2.3	2,946	-47.1	15.3	24.0	On
EW-4003	2.0	2.0	2,862	-25.6	---	24.0	On
EW-4004	1.6	1.6	2,231	-11.6	17.2	24.0	On
EW-4005	2.0	2.0	2,866	-16.8	---	24.0	On
EW-4006	1.3	1.5	1,956	-51.0	39.7	24.0	On
EW-4007	1.0	1.1	1,480	-8.3	44.1	24.0	On
EW-4008	2.0	2.2	2,890	-7.7	46.7	24.0	On
EW-4009	1.0	1.1	1,461	-28.5	37.3	24.0	On
EW-4010	2.0	2.1	2,921	-0.1	53.6	24.0	On
EW-4011	2.1	2.3	3,060	-23.9	53.3	24.0	On
EW-5001	2.0	2.0	2,838	-23.4	---	24.0	On
EW-5002	0.0	0.0	0	3.2	21.9	0.0	Off
EW Totals	**160.9**		**232,109**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	230.9	169 GPM
FIT-500	207 GPM	200.4	243 GPM
Effluent Temp	94.3 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 12, 2016 12AM to June 13, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	32.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 12, 2016 12AM to June 13, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	49.2
Permeate Flow	FIT-642	0 GPM	35.0
Concentrate Flow	FIT-643	0 GPM	13.3

Inlet Conductivity	CIT-630	812.8 µS
Outlet Conductivity	CIT-642	53.3 µS
Hours Run		8.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 13, 2016 12AM to June 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.4	2,680	1.7	43.7	23.9	On
EW-2002	0.8	4.7	1,185	5.4	42.8	23.9	On
EW-2003	1.3	4.0	1,816	5.0	35.1	23.8	On
EW-2004	0.4	1.4	660	9.6	30.3	23.8	On
EW-2005	0.3	4.9	539	9.4	28.2	23.9	On
EW-2006	0.8	3.1	1,273	8.6	25.2	23.8	On
EW-2007	2.0	5.0	2,609	8.5	21.9	22.6	On
EW-2008	0.4	3.0	744	2.6	23.4	23.8	On
EW-2009	1.0	2.9	1,537	3.3	23.6	23.7	On
EW-2010	0.3	4.7	272	6.7	22.5	14.9	On
EW-2011	0.0	6.2	340	9.0	21.0	16.8	Off
EW-2012	0.0	4.4	205	12.9	15.1	11.3	Off
EW-2013	0.4	5.9	402	17.7	15.1	18.0	On
EW-2014	1.1	1.2	1,480	12.8	21.9	24.0	On
EW-2015	0.0	0.0	0	12.4	15.9	3.0	Off
EW-2016	0.6	0.6	742	10.1	---	23.2	On
EW-2017	1.4	1.4	1,926	12.1	---	24.0	On
EW-2018	0.6	0.9	862	10.8	---	24.0	On
EW-2019	0.0	0.3	177	13.1	---	9.9	Off
EW-2020	0.0	0.5	315	10.8	---	13.1	Off
EW-2021	0.0	0.4	248	12.3	---	12.8	Off
EW-2022	0.3	5.2	421	13.0	---	19.8	On
EW-2023	0.0	5.5	466	12.7	---	17.9	Off
EW-2024	0.3	0.5	268	11.3	---	13.4	On
EW-2025	0.8	1.0	1,142	10.8	---	24.0	On
EW-2026	0.5	0.8	811	10.2	---	24.0	On
EW-2027	0.8	1.0	1,120	7.8	---	24.0	On
EW-2028	0.7	1.0	1,012	8.8	---	24.0	On
EW-2029	0.8	1.0	1,121	6.8	---	24.0	On
EW-2030	1.4	1.6	2,022	10.1	---	24.0	On
EW-2031	1.4	1.6	2,061	10.8	---	24.0	On
EW-2032	0.4	0.7	648	9.1	---	24.0	On
EW-2033	0.5	0.8	658	10.0	---	24.0	On
EW-2034	0.7	5.3	1,084	8.0	24.8	23.9	On
EW-2035	1.1	2.3	1,541	6.6	21.8	23.9	On
EW-2036	0.8	2.5	1,175	12.8	38.3	23.9	On
EW-2037	0.8	1.2	997	3.5	43.9	23.3	On
EW-2101	20.4	25.5	29,511	9.8	59.6	23.9	On
EW-2102	14.9	19.0	21,648	14.9	60.4	23.9	On
EW-2103	13.1	22.9	19,433	16.7	48.7	24.0	On
EW-2104	40.5	40.9	58,247	13.4	63.1	24.0	On
EW-3001	0.0	0.0	0	1.8	15.0	0.0	Off
EW-3002	0.0	0.5	170	2.2	13.9	9.0	Off
EW-3003	0.0	0.0	0	4.3	13.9	0.0	Off

Daily Log

June 13, 2016 12AM to June 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.6	655	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.1	1.1	1,481	-0.9	---	24.0	On
EW-3008	0.6	0.6	767	-0.9	---	23.4	On
EW-3009	3.0	3.1	4,275	-1.5	---	24.0	On
EW-3010	1.2	1.3	1,650	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.2	23.9	0.0	Off
EW-3012	0.5	2.0	727	-4.4	28.2	24.0	On
EW-3013	1.0	2.4	1,393	-6.5	36.1	24.0	On
EW-3014	0.0	0.8	230	-8.2	41.5	12.7	Off
EW-3015	1.1	3.0	1,469	-6.1	49.9	24.0	On
EW-3016	0.8	2.1	1,184	-6.7	55.6	24.0	On
EW-3017	0.0	1.0	164	-6.7	57.6	8.6	Off
EW-3018	0.4	0.6	90	-9.7	57.4	4.9	On
EW-3019	0.9	1.8	1,328	-2.5	58.2	24.0	On
EW-3020	3.5	4.3	5,056	-2.0	42.8	24.0	On
EW-3021	0.4	0.6	316	-0.2	34.4	16.1	On
EW-3022	0.5	4.6	749	-2.4	43.2	24.0	On
EW-3023	2.7	2.9	3,873	-6.3	32.7	23.9	On
EW-3024	0.3	0.6	619	1.8	---	23.5	On
EW-3025	2.6	3.0	3,770	-4.4	46.0	24.0	On
EW-3026	3.3	3.7	4,778	-9.1	47.3	24.0	On
EW-3027	0.3	0.7	436	0.2	---	24.0	On
EW-4001	2.1	2.4	2,948	-2.9	38.4	24.0	On
EW-4002	2.0	2.7	2,938	-47.1	15.4	24.0	On
EW-4003	2.0	2.1	2,847	-25.7	---	24.0	On
EW-4004	1.7	5.6	2,316	-12.5	17.0	24.0	On
EW-4005	2.0	2.1	2,859	-17.1	---	24.0	On
EW-4006	1.3	4.3	1,939	-50.9	39.9	24.0	On
EW-4007	1.0	4.7	1,483	-8.5	44.3	24.0	On
EW-4008	2.1	2.6	2,919	-7.9	47.1	24.0	On
EW-4009	1.0	1.4	1,463	-28.6	37.4	24.0	On
EW-4010	2.2	2.2	3,031	-0.5	56.3	24.0	On
EW-4011	2.2	2.4	3,150	-25.8	56.1	24.0	On
EW-5001	2.0	2.1	2,848	-23.4	---	24.0	On
EW-5002	0.0	0.0	0	3.3	21.8	0.0	Off
EW Totals	**160.1**		**231,318**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	230.1	172 GPM
FIT-500	199 GPM	196.1	242 GPM
Effluent Temp	94.9 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 13, 2016 12AM to June 14, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	30.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 13, 2016 12AM to June 14, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	46.2
Permeate Flow	FIT-642	0 GPM	32.9
Concentrate Flow	FIT-643	0 GPM	12.3

Inlet Conductivity	CIT-630	826.7 µS
Outlet Conductivity	CIT-642	24.6 µS
Hours Run		8.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 14, 2016 12AM to June 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.7	2,656	1.7	44.8	24.0	On
EW-2002	0.8	2.4	1,166	5.5	44.0	24.0	On
EW-2003	1.2	2.1	1,807	5.1	36.5	24.0	On
EW-2004	0.5	0.6	625	8.3	31.9	24.0	On
EW-2005	0.3	0.7	519	9.7	29.8	24.0	On
EW-2006	0.8	1.1	1,076	7.6	26.7	24.0	On
EW-2007	2.0	2.1	2,564	7.6	23.3	21.8	On
EW-2008	0.5	0.7	739	2.6	25.2	24.0	On
EW-2009	1.1	1.2	1,545	3.4	25.5	24.0	On
EW-2010	0.3	0.6	273	6.3	24.3	15.1	On
EW-2011	0.0	0.5	341	9.1	22.8	16.7	Off
EW-2012	0.0	0.5	205	12.4	15.8	11.1	Off
EW-2013	0.0	0.5	400	17.4	15.8	17.8	Off
EW-2014	1.0	1.2	1,487	13.1	22.7	24.0	On
EW-2015	0.0	0.0	0	12.9	16.9	3.0	Off
EW-2016	0.4	0.6	752	10.4	---	23.5	On
EW-2017	1.3	1.4	1,923	12.3	---	24.0	On
EW-2018	0.6	0.9	861	11.2	---	24.0	On
EW-2019	0.3	0.3	181	13.2	---	10.1	On
EW-2020	0.0	0.6	313	11.8	---	12.7	Off
EW-2021	0.3	0.5	247	11.2	---	12.6	On
EW-2022	0.3	0.5	423	11.5	---	18.9	On
EW-2023	0.4	0.6	469	11.9	---	17.4	On
EW-2024	0.0	0.5	268	11.9	---	13.2	Off
EW-2025	0.8	1.0	1,137	11.2	---	24.0	On
EW-2026	0.5	0.9	806	10.6	---	24.0	On
EW-2027	0.7	1.0	1,114	8.2	---	24.0	On
EW-2028	0.7	1.0	1,007	9.2	---	24.0	On
EW-2029	0.8	1.1	1,119	7.2	---	24.0	On
EW-2030	1.4	1.7	2,015	10.5	---	24.0	On
EW-2031	1.4	1.7	2,047	11.2	---	24.0	On
EW-2032	0.4	0.7	643	9.5	---	24.0	On
EW-2033	0.5	0.8	656	10.4	---	24.0	On
EW-2034	0.7	2.4	1,079	8.3	27.7	24.0	On
EW-2035	1.1	1.3	1,549	6.6	23.1	24.0	On
EW-2036	0.8	0.8	1,156	13.0	38.8	24.0	On
EW-2037	0.7	0.9	1,004	3.5	44.2	23.4	On
EW-2101	19.0	24.7	28,268	10.4	65.6	24.0	On
EW-2102	18.5	19.7	24,443	14.7	69.3	23.6	On
EW-2103	12.9	13.3	18,822	16.8	49.2	24.0	On
EW-2104	40.5	40.8	58,270	13.4	63.9	24.0	On
EW-3001	0.0	0.0	0	1.8	15.8	0.0	Off
EW-3002	0.3	0.5	178	1.4	14.8	9.6	On
EW-3003	0.0	0.0	0	4.3	14.9	0.0	Off

Daily Log

June 14, 2016 12AM to June 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.3	0.6	639	0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.2	1,425	-0.7	---	24.0	On
EW-3008	0.4	0.6	673	-0.5	---	22.2	On
EW-3009	2.9	3.2	4,273	-1.4	---	24.0	On
EW-3010	1.0	1.5	1,613	-2.0	---	24.0	On
EW-3011	0.0	0.7	7	-0.4	26.9	0.4	Off
EW-3012	0.3	2.7	694	-4.1	31.9	24.0	On
EW-3013	0.9	2.4	1,378	-6.5	40.7	24.0	On
EW-3014	0.0	0.5	228	-7.8	46.5	12.4	Off
EW-3015	1.0	4.4	1,466	-6.2	55.6	23.9	On
EW-3016	0.8	2.2	1,183	-6.6	61.8	24.0	On
EW-3017	0.0	0.8	164	-7.2	63.7	8.6	Off
EW-3018	0.4	3.1	89	-9.4	63.8	4.8	On
EW-3019	0.9	1.8	1,327	-2.1	64.8	24.0	On
EW-3020	3.5	6.3	5,042	-2.0	44.0	24.0	On
EW-3021	0.3	0.4	316	-0.1	34.8	16.1	On
EW-3022	0.5	0.6	736	-2.3	43.3	24.0	On
EW-3023	3.0	6.6	4,222	-6.4	29.5	23.6	On
EW-3024	0.3	0.6	586	1.7	---	23.0	On
EW-3025	2.6	2.7	3,758	-4.5	46.0	24.0	On
EW-3026	3.3	3.4	4,763	-9.0	47.4	24.0	On
EW-3027	0.2	0.7	435	0.2	---	24.0	On
EW-4001	2.1	2.2	3,038	-2.6	38.8	24.0	On
EW-4002	2.0	2.2	2,928	-46.9	16.1	24.0	On
EW-4003	1.9	2.1	2,826	-25.5	---	24.0	On
EW-4004	1.5	1.9	2,286	-11.6	18.4	24.0	On
EW-4005	1.8	2.2	2,829	-16.2	---	24.0	On
EW-4006	1.3	1.5	1,926	-50.8	40.1	24.0	On
EW-4007	1.0	1.1	1,480	-8.2	44.5	24.0	On
EW-4008	2.0	2.2	2,899	-7.7	47.7	24.0	On
EW-4009	1.0	2.0	1,465	-29.4	41.9	24.0	On
EW-4010	2.1	2.3	3,097	-0.4	56.0	24.0	On
EW-4011	2.3	2.4	3,231	-25.8	55.9	24.0	On
EW-5001	1.8	2.2	2,826	-22.8	---	24.0	On
EW-5002	0.0	0.0	0	3.2	23.1	0.0	Off
EW Totals	**160.1**		**232,003**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	231.1	171 GPM
FIT-500	211 GPM	208.6	241 GPM
Effluent Temp	93.6 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 14, 2016 12AM to June 15, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	30 GPM	31.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 14, 2016 12AM to June 15, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	46.1
Permeate Flow	FIT-642	0 GPM	33.0
Concentrate Flow	FIT-643	0 GPM	12.2

Inlet Conductivity	CIT-630	813.7 µS
Outlet Conductivity	CIT-642	54.4 µS
Hours Run		7.7 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 15, 2016 12AM to June 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.0	2,648	1.6	44.2	24.0	On
EW-2002	0.8	1.2	1,166	5.4	43.4	24.0	On
EW-2003	1.2	1.5	1,799	5.0	35.9	24.0	On
EW-2004	0.5	0.6	731	9.4	31.2	24.0	On
EW-2005	0.3	0.6	521	9.6	29.0	24.0	On
EW-2006	0.7	1.1	1,096	9.5	25.9	24.0	On
EW-2007	2.0	2.3	2,541	8.2	22.5	21.6	On
EW-2008	0.5	0.7	732	2.5	24.6	24.0	On
EW-2009	1.1	1.2	1,541	3.3	24.9	24.0	On
EW-2010	0.0	0.5	269	5.7	23.7	14.7	Off
EW-2011	0.4	0.5	339	8.8	22.2	16.9	On
EW-2012	0.3	0.6	200	13.1	15.3	10.9	On
EW-2013	0.4	0.6	388	18.3	15.4	17.6	On
EW-2014	1.1	1.8	1,506	12.8	21.7	24.0	On
EW-2015	0.0	0.0	0	13.7	15.9	3.0	Off
EW-2016	0.5	0.7	759	10.3	---	23.5	On
EW-2017	1.4	1.6	1,949	12.1	---	24.0	On
EW-2018	0.6	1.3	865	10.9	---	24.0	On
EW-2019	0.0	0.4	180	13.2	---	9.9	Off
EW-2020	0.4	0.6	316	10.5	---	13.2	On
EW-2021	0.0	0.5	247	11.3	---	12.5	Off
EW-2022	0.3	0.6	423	11.6	---	19.2	On
EW-2023	0.4	0.7	465	11.8	---	17.4	On
EW-2024	0.3	0.6	271	10.4	---	13.4	On
EW-2025	0.8	1.3	1,138	10.8	---	24.0	On
EW-2026	0.6	1.2	807	10.4	---	24.0	On
EW-2027	0.8	1.4	1,114	8.0	---	24.0	On
EW-2028	0.7	1.3	1,007	8.9	---	24.0	On
EW-2029	0.8	1.3	1,119	6.9	---	24.0	On
EW-2030	1.4	1.8	2,019	10.2	---	24.0	On
EW-2031	1.4	1.9	2,042	10.9	---	24.0	On
EW-2032	0.4	1.1	646	9.3	---	24.0	On
EW-2033	0.5	1.2	665	10.2	---	24.0	On
EW-2034	0.7	1.6	1,077	7.9	28.5	24.0	On
EW-2035	1.1	1.3	1,556	6.6	22.4	24.0	On
EW-2036	0.8	1.3	1,140	12.9	37.6	24.0	On
EW-2037	0.6	1.4	983	4.6	42.6	23.1	On
EW-2101	18.2	19.5	22,701	10.8	67.7	24.0	On
EW-2102	19.9	21.1	23,420	14.7	72.9	23.9	On
EW-2103	13.0	16.5	13,872	16.8	48.2	17.7	On
EW-2104	40.6	41.0	46,991	13.6	62.4	24.0	On
EW-3001	0.0	0.0	0	1.8	15.2	0.0	Off
EW-3002	0.0	0.5	175	2.1	14.1	9.2	Off
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

June 15, 2016 12AM to June 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.7	647	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.5	1,418	-0.9	---	24.0	On
EW-3008	0.4	0.8	642	-0.5	---	22.2	On
EW-3009	3.0	3.2	4,260	-1.5	---	24.0	On
EW-3010	1.1	1.6	1,597	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.2	27.5	0.0	Off
EW-3012	0.5	1.6	682	-4.4	32.9	24.0	On
EW-3013	0.9	2.5	1,376	-6.4	42.2	24.0	On
EW-3014	0.3	0.5	228	-8.4	48.3	12.4	On
EW-3015	1.0	5.4	1,469	-6.2	57.8	23.9	On
EW-3016	0.8	3.2	1,185	-6.8	64.3	23.9	On
EW-3017	0.0	0.8	161	-5.2	66.0	8.1	Off
EW-3018	0.0	0.6	89	-9.0	65.7	4.9	Off
EW-3019	1.0	1.9	1,326	-2.3	66.5	23.9	On
EW-3020	3.5	3.6	5,031	-1.9	43.4	24.0	On
EW-3021	0.4	0.7	312	-0.4	33.8	15.9	On
EW-3022	0.5	1.4	727	-2.3	42.0	24.0	On
EW-3023	2.9	4.3	4,292	-6.4	30.4	24.0	On
EW-3024	0.3	0.6	584	1.7	---	23.1	On
EW-3025	2.6	3.0	3,749	-4.4	44.7	24.0	On
EW-3026	3.1	3.8	4,599	-8.9	45.9	24.0	On
EW-3027	0.4	0.7	437	0.1	---	24.0	On
EW-4001	2.0	2.6	2,937	-2.4	37.7	24.0	On
EW-4002	2.0	2.4	2,922	-47.1	15.6	24.0	On
EW-4003	2.0	2.3	2,917	-26.8	---	24.0	On
EW-4004	1.6	1.9	2,310	-11.8	17.6	24.0	On
EW-4005	2.1	2.3	2,903	-17.8	---	24.0	On
EW-4006	1.3	2.3	1,918	-51.0	38.9	24.0	On
EW-4007	1.0	1.2	1,470	-8.3	43.2	24.0	On
EW-4008	2.0	2.7	2,928	-7.9	46.6	24.0	On
EW-4009	1.0	1.5	1,474	-29.8	43.3	24.0	On
EW-4010	2.0	2.5	3,102	-0.3	53.3	24.0	On
EW-4011	2.1	2.6	3,158	-23.4	53.3	24.0	On
EW-5001	2.0	2.3	2,904	-24.0	---	24.0	On
EW-5002	0.0	2.5	17	3.2	22.5	0.2	Off
EW Totals	**162.7**		**209,198**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	208.7	171 GPM
FIT-500	70 GPM	170.3	239 GPM
Effluent Temp	95.2 °F		
Effluent pH	7.1		

Recharge and Injection Daily Report

June 15, 2016 12AM to June 16, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	30 GPM	34.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 15, 2016 12AM to June 16, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	94 GPM	51.2
Permeate Flow	FIT-642	70 GPM	36.6
Concentrate Flow	FIT-643	23 GPM	13.6

Inlet Conductivity	CIT-630	863.4 µS
Outlet Conductivity	CIT-642	22.9 µS
Hours Run		8.4 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 16, 2016 12AM to June 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,636	1.6	44.3	24.0	On
EW-2002	0.8	1.1	1,152	5.6	43.4	24.0	On
EW-2003	1.2	1.4	1,781	5.1	36.0	24.0	On
EW-2004	0.4	0.5	628	9.8	31.3	24.0	On
EW-2005	0.3	0.6	514	9.6	29.1	24.0	On
EW-2006	0.6	1.0	941	9.4	26.0	24.0	On
EW-2007	2.0	2.2	2,529	7.7	22.6	21.5	On
EW-2008	0.5	0.7	728	2.5	24.7	24.0	On
EW-2009	1.1	1.2	1,538	3.3	25.0	24.0	On
EW-2010	0.3	0.5	265	6.6	23.9	14.6	On
EW-2011	0.3	0.5	337	8.3	22.4	16.6	On
EW-2012	0.3	0.4	200	13.4	15.7	10.9	On
EW-2013	0.4	0.5	382	18.0	15.7	17.3	On
EW-2014	1.1	1.8	1,507	13.0	21.9	24.0	On
EW-2015	0.0	0.0	0	13.6	16.1	3.0	Off
EW-2016	0.6	0.7	741	11.7	---	23.4	On
EW-2017	1.4	1.5	1,943	12.2	---	24.0	On
EW-2018	0.8	1.1	865	11.0	---	24.0	On
EW-2019	0.0	0.3	182	11.7	---	10.2	Off
EW-2020	0.0	0.6	315	10.6	---	13.0	Off
EW-2021	0.0	0.4	247	12.3	---	12.7	Off
EW-2022	0.4	0.6	424	11.4	---	19.4	On
EW-2023	0.5	0.7	468	11.3	---	17.5	On
EW-2024	0.0	0.5	270	11.3	---	13.3	Off
EW-2025	0.9	1.2	1,134	11.0	---	24.0	On
EW-2026	0.7	1.1	807	10.4	---	24.0	On
EW-2027	0.9	1.2	1,110	8.0	---	24.0	On
EW-2028	0.9	1.2	1,004	9.0	---	24.0	On
EW-2029	0.9	1.2	1,117	7.0	---	24.0	On
EW-2030	1.4	1.7	2,008	10.4	---	24.0	On
EW-2031	1.4	1.7	2,023	11.1	---	24.0	On
EW-2032	0.6	0.9	646	9.3	---	24.0	On
EW-2033	0.7	1.1	660	10.1	---	24.0	On
EW-2034	0.7	1.9	1,068	8.3	28.9	24.0	On
EW-2035	1.1	1.2	1,553	6.5	22.5	24.0	On
EW-2036	0.8	1.2	1,127	12.6	37.7	24.0	On
EW-2037	0.7	1.4	978	3.6	42.8	23.1	On
EW-2101	17.9	20.1	25,820	10.9	68.3	24.0	On
EW-2102	19.5	21.9	28,283	14.7	73.4	24.0	On
EW-2103	13.1	15.3	18,822	16.8	48.4	24.0	On
EW-2104	40.5	40.9	57,996	13.5	62.9	24.0	On
EW-3001	0.0	0.0	0	1.8	15.6	0.0	Off
EW-3002	0.3	0.6	198	1.5	14.5	10.3	On
EW-3003	0.0	0.0	0	4.3	14.3	0.0	Off

Daily Log

June 16, 2016 12AM to June 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.6	638	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.2	1,400	-0.8	---	24.0	On
EW-3008	0.6	0.7	681	-0.8	---	22.6	On
EW-3009	3.0	3.1	4,269	-1.4	---	24.0	On
EW-3010	1.1	1.4	1,557	-2.1	---	24.0	On
EW-3011	0.0	0.0	0	0.0	27.9	0.0	Off
EW-3012	0.5	2.3	695	-4.1	33.4	24.0	On
EW-3013	1.0	2.8	1,378	-6.1	42.8	24.0	On
EW-3014	0.3	0.7	226	-7.6	49.0	12.5	On
EW-3015	1.1	5.4	1,468	-6.0	58.5	23.9	On
EW-3016	0.9	2.4	1,183	-6.6	64.9	24.0	On
EW-3017	0.0	0.8	166	-7.5	66.4	8.5	Off
EW-3018	0.0	1.2	90	-9.6	66.7	5.0	Off
EW-3019	0.9	2.0	1,321	-2.5	67.8	23.9	On
EW-3020	3.5	3.6	5,018	-1.9	43.4	24.0	On
EW-3021	0.3	0.5	333	0.0	33.7	16.7	On
EW-3022	0.5	1.3	722	-2.3	41.8	24.0	On
EW-3023	2.8	3.8	4,145	-6.3	30.9	24.0	On
EW-3024	0.5	0.6	592	1.1	---	23.2	On
EW-3025	2.5	3.1	3,674	-4.3	44.4	24.0	On
EW-3026	3.1	3.7	4,440	-8.9	45.6	24.0	On
EW-3027	0.2	0.7	435	0.2	---	24.0	On
EW-4001	2.0	2.6	2,801	-2.4	37.8	24.0	On
EW-4002	2.1	2.5	2,917	-46.9	16.0	24.0	On
EW-4003	2.0	2.2	2,892	-26.4	---	24.0	On
EW-4004	1.6	1.8	2,241	-11.5	17.7	24.0	On
EW-4005	2.0	2.2	2,915	-17.4	---	24.0	On
EW-4006	1.4	2.3	1,904	-50.9	38.8	24.0	On
EW-4007	1.0	1.2	1,450	-8.4	43.0	24.0	On
EW-4008	2.0	2.8	2,890	-7.8	46.8	24.0	On
EW-4009	1.0	1.4	1,451	-29.5	43.9	24.0	On
EW-4010	2.1	2.5	2,965	-0.4	53.2	24.0	On
EW-4011	2.1	2.6	3,006	-23.8	53.2	24.0	On
EW-5001	2.0	2.2	2,874	-23.3	---	24.0	On
EW-5002	0.0	0.0	0	3.3	22.6	0.0	Off
EW Totals	**163.4**		**231,684**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	231.1	172 GPM
FIT-500	202 GPM	205.4	242 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 16, 2016 12AM to June 17, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	30 GPM	0.0
RC-7003	FIT-665	30 GPM	35.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 16, 2016 12AM to June 17, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	10 GPM	51.3
Permeate Flow	FIT-642	0 GPM	37.0
Concentrate Flow	FIT-643	0 GPM	13.4

Inlet Conductivity	CIT-630	820.9 µS
Outlet Conductivity	CIT-642	434.6 µS
Hours Run		8.9 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 17, 2016 12AM to June 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.4	2,489	1.5	43.8	22.3	On
EW-2002	0.8	5.4	1,094	5.5	42.9	22.3	On
EW-2003	1.2	4.3	1,686	4.9	35.0	22.3	On
EW-2004	0.5	0.6	612	8.8	30.3	22.3	On
EW-2005	0.4	0.6	516	9.4	28.3	22.3	On
EW-2006	0.7	1.0	948	9.0	25.3	22.3	On
EW-2007	1.8	5.3	2,393	8.0	22.1	21.2	On
EW-2008	0.5	3.1	702	2.6	23.9	22.2	On
EW-2009	1.1	2.6	1,431	3.4	24.2	22.2	On
EW-2010	0.3	0.7	259	6.2	23.1	14.1	On
EW-2011	0.0	0.7	322	9.4	21.6	16.1	Off
EW-2012	0.0	0.5	195	12.8	14.8	10.6	Off
EW-2013	0.0	0.6	358	18.0	14.8	16.5	Off
EW-2014	1.1	4.6	1,418	12.9	21.8	22.2	On
EW-2015	0.4	6.9	210	13.1	16.0	10.3	On
EW-2016	0.6	0.6	706	9.9	---	21.9	On
EW-2017	1.4	4.6	1,834	12.3	---	22.3	On
EW-2018	0.6	7.6	832	10.8	---	22.3	On
EW-2019	0.3	0.4	176	11.9	---	9.9	On
EW-2020	0.0	0.6	303	11.7	---	12.6	Off
EW-2021	0.3	0.5	240	12.7	---	12.5	On
EW-2022	0.3	0.5	398	13.0	---	18.7	On
EW-2023	0.0	0.6	442	11.5	---	16.7	Off
EW-2024	0.3	0.5	262	11.4	---	13.2	On
EW-2025	0.8	7.0	1,085	10.8	---	22.2	On
EW-2026	0.6	7.6	786	10.2	---	22.2	On
EW-2027	0.8	7.5	1,066	7.8	---	22.3	On
EW-2028	0.7	7.4	966	8.8	---	22.3	On
EW-2029	0.8	7.5	1,073	6.8	---	22.3	On
EW-2030	1.4	7.4	1,902	10.2	---	22.3	On
EW-2031	1.5	7.7	1,922	10.8	---	22.3	On
EW-2032	0.5	6.9	626	9.1	---	22.3	On
EW-2033	0.5	7.6	642	10.0	---	22.3	On
EW-2034	0.8	6.2	1,030	8.1	28.6	22.1	On
EW-2035	1.1	2.3	1,470	6.4	22.3	22.3	On
EW-2036	0.8	3.9	1,068	12.9	37.3	22.2	On
EW-2037	0.7	1.4	911	3.7	42.5	21.8	On
EW-2101	17.9	20.5	22,483	11.1	68.5	22.3	On
EW-2102	19.4	21.8	24,446	14.9	73.4	22.3	On
EW-2103	13.1	19.1	17,433	16.8	48.2	22.2	On
EW-2104	40.3	40.7	50,097	13.7	62.3	22.2	On
EW-3001	0.0	0.5	5	1.8	14.7	0.3	Off
EW-3002	0.0	0.6	249	2.0	13.8	12.2	Off
EW-3003	0.0	0.3	2	4.3	13.9	0.1	Off

Daily Log

June 17, 2016 12AM to June 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	17	1.2	---	1.1	Off
EW-3005	0.5	0.6	600	-0.1	---	22.1	On
EW-3006	0.0	0.5	11	1.4	---	0.6	Off
EW-3007	1.0	6.1	1,398	-0.9	---	22.1	On
EW-3008	0.0	0.7	626	-0.4	---	20.9	Off
EW-3009	3.1	7.0	4,227	-1.6	---	22.1	On
EW-3010	1.1	6.2	1,511	-2.4	---	22.1	On
EW-3011	0.0	0.9	20	-0.1	27.8	1.0	Off
EW-3012	0.5	6.2	692	-4.2	33.4	22.1	On
EW-3013	1.0	5.4	1,331	-6.2	42.9	22.1	On
EW-3014	0.3	0.7	227	-8.7	49.2	12.1	On
EW-3015	1.1	5.6	1,407	-6.2	58.7	22.0	On
EW-3016	0.8	3.1	1,140	-6.6	65.1	22.1	On
EW-3017	0.0	0.9	161	-7.4	66.9	7.9	Off
EW-3018	0.0	0.6	89	-9.5	66.6	4.8	Off
EW-3019	0.8	2.7	1,185	0.8	67.5	22.0	On
EW-3020	3.5	6.1	4,699	-2.2	43.0	22.1	On
EW-3021	0.3	0.7	363	-0.2	34.1	17.8	On
EW-3022	0.5	4.6	739	-2.3	43.1	22.1	On
EW-3023	2.8	6.4	3,839	-6.4	30.8	22.1	On
EW-3024	0.5	0.6	537	0.9	---	21.3	On
EW-3025	2.7	5.5	3,522	-4.5	45.9	22.1	On
EW-3026	3.2	5.3	4,229	-9.1	47.3	22.1	On
EW-3027	0.0	0.7	401	0.1	---	22.1	On
EW-4001	1.9	2.6	2,552	-1.9	37.7	21.9	On
EW-4002	2.1	6.9	2,776	-47.1	15.1	21.9	On
EW-4003	2.0	9.3	2,585	-24.6	---	21.9	On
EW-4004	1.6	1.8	2,044	-11.0	17.5	21.9	On
EW-4005	1.9	2.2	2,591	-15.3	---	21.9	On
EW-4006	1.4	5.5	1,856	-51.1	39.7	21.9	On
EW-4007	1.0	1.2	1,351	-8.0	44.3	21.9	On
EW-4008	2.0	2.8	2,607	-7.1	46.5	21.9	On
EW-4009	1.0	1.5	1,301	-26.6	43.9	21.9	On
EW-4010	2.0	2.7	2,737	0.1	52.7	21.9	On
EW-4011	2.1	2.5	2,755	-21.7	52.7	21.9	On
EW-5001	1.9	2.2	2,571	-22.1	---	21.9	On
EW-5002	0.0	0.0	0	3.5	22.5	0.0	Off
EW Totals	**160.8**		**209,786**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	209.4	173 GPM
FIT-500	68 GPM	176.3	242 GPM
Effluent Temp	94.9 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

June 17, 2016 12AM to June 18, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	30 GPM	0.0
RC-7003	FIT-665	30 GPM	34.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 17, 2016 12AM to June 18, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	51.2
Permeate Flow	FIT-642	69 GPM	36.9
Concentrate Flow	FIT-643	24 GPM	13.4

Inlet Conductivity	CIT-630	829.6 µS
Outlet Conductivity	CIT-642	23.7 µS
Hours Run		9.0 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 18, 2016 12AM to June 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.3	2,664	1.4	44.1	23.8	On
EW-2002	0.8	5.2	1,162	5.4	43.2	23.8	On
EW-2003	1.2	2.5	1,757	5.0	35.7	23.8	On
EW-2004	0.6	0.6	735	7.8	31.0	23.8	On
EW-2005	0.4	0.6	585	8.1	29.0	23.8	On
EW-2006	0.9	1.1	1,120	6.7	26.1	23.8	On
EW-2007	1.7	4.8	2,568	8.1	22.8	23.8	On
EW-2008	0.5	2.8	734	2.6	25.0	23.8	On
EW-2009	1.1	2.6	1,520	3.4	25.3	23.7	On
EW-2010	0.3	0.7	263	6.2	24.2	14.9	On
EW-2011	0.3	0.7	334	8.8	22.7	17.1	On
EW-2012	0.3	0.5	197	12.7	16.0	11.2	On
EW-2013	0.3	0.6	370	18.2	16.1	17.8	On
EW-2014	0.9	4.4	1,494	13.0	22.4	23.7	On
EW-2015	0.4	0.6	538	14.3	16.7	20.5	On
EW-2016	0.4	0.7	746	10.2	---	23.1	On
EW-2017	1.3	4.5	1,953	12.3	---	23.8	On
EW-2018	0.6	6.8	868	11.2	---	23.8	On
EW-2019	0.3	0.3	178	12.4	---	10.1	On
EW-2020	0.0	0.5	314	11.4	---	13.3	Off
EW-2021	0.3	0.5	245	13.5	---	12.9	On
EW-2022	0.3	0.6	426	11.4	---	20.2	On
EW-2023	0.4	0.7	463	11.3	---	17.9	On
EW-2024	0.0	0.6	272	11.0	---	13.9	Off
EW-2025	0.7	6.2	1,143	11.2	---	23.8	On
EW-2026	0.6	6.6	823	10.6	---	23.8	On
EW-2027	0.8	6.8	1,115	8.2	---	23.8	On
EW-2028	0.7	6.7	1,009	9.2	---	23.8	On
EW-2029	0.8	6.8	1,125	7.2	---	23.8	On
EW-2030	1.3	7.3	2,015	10.4	---	23.8	On
EW-2031	1.3	7.5	2,048	11.1	---	23.8	On
EW-2032	0.4	6.2	648	9.5	---	23.8	On
EW-2033	0.5	6.3	659	10.4	---	23.8	On
EW-2034	0.7	5.9	1,088	8.1	28.8	23.8	On
EW-2035	1.1	2.2	1,564	6.5	22.5	23.8	On
EW-2036	0.7	3.5	1,109	12.8	38.3	23.8	On
EW-2037	0.6	1.0	976	3.7	43.6	23.7	On
EW-2101	17.6	20.2	25,258	11.0	68.7	23.8	On
EW-2102	19.2	20.4	27,500	14.8	73.4	23.8	On
EW-2103	12.9	17.2	18,595	16.8	48.6	23.8	On
EW-2104	40.2	41.6	57,388	13.5	62.8	23.8	On
EW-3001	0.0	0.0	0	1.8	15.9	0.0	Off
EW-3002	0.0	0.5	190	2.1	14.8	10.2	Off
EW-3003	0.0	0.0	0	4.3	14.8	0.0	Off

Daily Log

June 18, 2016 12AM to June 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	3	1.3	---	0.2	Off
EW-3005	0.3	0.7	652	0.0	---	23.7	On
EW-3006	0.0	0.4	1	1.4	---	0.1	Off
EW-3007	0.8	5.9	1,390	-0.7	---	23.7	On
EW-3008	0.4	0.7	609	-0.6	---	21.9	On
EW-3009	3.0	6.8	4,417	-1.5	---	23.7	On
EW-3010	1.0	6.0	1,575	-2.1	---	23.7	On
EW-3011	0.0	0.7	5	-0.1	27.9	0.3	Off
EW-3012	0.4	5.3	711	-4.2	33.5	23.7	On
EW-3013	0.9	4.6	1,392	-6.2	43.2	23.7	On
EW-3014	0.3	0.5	227	-8.0	49.5	12.5	On
EW-3015	1.0	4.0	1,466	-6.0	58.8	23.7	On
EW-3016	0.8	2.4	1,191	-6.6	65.3	23.7	On
EW-3017	0.0	0.7	162	-7.5	67.1	8.6	Off
EW-3018	0.0	0.5	89	-9.0	66.9	4.9	Off
EW-3019	0.8	1.9	1,104	0.1	67.5	23.7	On
EW-3020	3.5	5.8	5,035	-2.1	43.3	23.7	On
EW-3021	0.3	0.5	360	-0.2	34.5	18.9	On
EW-3022	0.5	4.2	783	-2.4	43.0	23.7	On
EW-3023	2.7	5.5	3,913	-6.4	31.2	23.7	On
EW-3024	0.3	0.6	556	1.2	---	22.6	On
EW-3025	2.7	5.1	3,773	-4.5	45.6	23.7	On
EW-3026	3.1	4.5	4,518	-9.1	47.0	23.7	On
EW-3027	0.3	0.7	430	0.1	---	23.7	On
EW-4001	2.1	2.2	2,793	-2.6	38.7	23.6	On
EW-4002	2.1	6.4	2,933	-46.8	16.3	23.6	On
EW-4003	1.8	2.5	2,730	-25.1	---	23.6	On
EW-4004	1.5	1.8	2,202	-11.8	18.1	23.6	On
EW-4005	1.9	2.2	2,733	-16.2	---	23.6	On
EW-4006	1.4	5.4	1,974	-50.9	39.8	23.6	On
EW-4007	1.0	1.1	1,494	-8.1	44.1	23.6	On
EW-4008	2.0	2.2	2,814	-7.7	47.2	23.6	On
EW-4009	0.9	1.1	1,379	-26.9	44.1	23.6	On
EW-4010	2.3	2.5	3,015	-0.3	55.5	23.6	On
EW-4011	2.1	2.2	2,953	-21.8	55.4	23.6	On
EW-5001	1.8	2.2	2,733	-22.3	---	23.6	On
EW-5002	0.0	0.0	0	3.5	22.7	0.0	Off
EW Totals	**159.2**		**229,872**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	229.1	243 GPM
FIT-500	207 GPM	189.0	243 GPM
Effluent Temp	94.8 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

June 18, 2016 12AM to June 19, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	30 GPM	0.0
RC-7003	FIT-665	31 GPM	36.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 18, 2016 12AM to June 19, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	53.8
Permeate Flow	FIT-642	0 GPM	38.7
Concentrate Flow	FIT-643	0 GPM	14.2

Inlet Conductivity	CIT-630	863.7 µS
Outlet Conductivity	CIT-642	155.7 µS
Hours Run		8.9 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 19, 2016 12AM to June 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,658	1.4	43.6	24.0	On
EW-2002	0.8	0.8	1,150	5.4	42.8	24.0	On
EW-2003	1.2	1.2	1,705	5.1	35.0	24.0	On
EW-2004	0.5	0.6	771	8.7	30.3	24.0	On
EW-2005	0.4	0.5	646	8.0	28.3	24.0	On
EW-2006	0.9	1.0	1,342	7.1	25.3	24.0	On
EW-2007	1.8	1.8	2,548	8.0	22.0	24.0	On
EW-2008	0.5	0.6	732	2.5	24.3	24.0	On
EW-2009	1.1	1.1	1,527	3.4	24.6	24.0	On
EW-2010	0.3	0.4	262	6.0	23.5	14.9	On
EW-2011	0.3	0.5	330	9.0	21.9	16.8	On
EW-2012	0.3	0.4	196	12.3	15.3	11.0	On
EW-2013	0.3	0.5	368	18.3	15.3	17.3	On
EW-2014	1.0	1.1	1,471	12.8	21.8	24.0	On
EW-2015	0.4	0.6	541	14.2	16.0	20.2	On
EW-2016	0.5	0.6	769	10.0	---	23.8	On
EW-2017	1.4	1.4	1,961	12.1	---	24.0	On
EW-2018	0.6	0.9	868	11.1	---	24.0	On
EW-2019	0.0	0.3	179	12.6	---	10.1	Off
EW-2020	0.4	0.5	314	11.8	---	13.0	On
EW-2021	0.3	0.4	246	11.8	---	12.8	On
EW-2022	0.3	0.5	425	12.8	---	19.6	On
EW-2023	0.0	0.6	464	11.1	---	17.5	Off
EW-2024	0.3	0.5	270	11.6	---	13.6	On
EW-2025	0.8	1.0	1,142	10.9	---	24.0	On
EW-2026	0.6	0.8	822	10.3	---	24.0	On
EW-2027	0.8	1.0	1,114	7.9	---	24.0	On
EW-2028	0.7	0.9	1,010	8.9	---	24.0	On
EW-2029	0.8	1.0	1,125	6.9	---	24.0	On
EW-2030	1.4	1.5	2,016	10.1	---	24.0	On
EW-2031	1.4	1.5	2,046	10.9	---	24.0	On
EW-2032	0.4	0.7	645	9.2	---	24.0	On
EW-2033	0.5	0.8	661	10.1	---	24.0	On
EW-2034	0.8	0.9	1,082	8.0	28.3	24.0	On
EW-2035	1.1	1.1	1,568	6.5	21.8	24.0	On
EW-2036	0.8	0.8	1,092	12.7	38.0	24.0	On
EW-2037	0.7	0.7	974	3.4	43.4	24.0	On
EW-2101	17.6	17.8	25,264	10.9	68.5	24.0	On
EW-2102	19.1	19.4	27,443	14.8	72.9	24.0	On
EW-2103	13.1	13.2	18,768	16.7	48.5	24.0	On
EW-2104	40.4	40.6	57,921	13.4	63.4	24.0	On
EW-3001	0.0	0.0	0	1.8	15.2	0.0	Off
EW-3002	0.0	0.4	155	2.3	14.1	8.5	Off
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

June 19, 2016 12AM to June 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.5	643	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.0	1,342	-0.9	---	24.0	On
EW-3008	0.4	0.6	613	-0.6	---	21.7	On
EW-3009	3.1	3.1	4,418	-1.6	---	24.0	On
EW-3010	1.1	1.2	1,554	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	0.0	27.4	0.0	Off
EW-3012	0.5	0.7	712	-4.4	33.1	24.0	On
EW-3013	1.0	1.1	1,398	-6.4	42.9	24.0	On
EW-3014	0.0	0.5	228	-8.9	49.3	12.7	Off
EW-3015	1.1	1.2	1,472	-6.0	58.6	24.0	On
EW-3016	0.8	0.9	1,193	-6.7	65.0	24.0	On
EW-3017	0.0	0.7	159	-5.3	66.9	8.4	Off
EW-3018	0.0	0.6	90	-9.6	66.8	5.0	Off
EW-3019	0.7	0.8	1,054	1.5	67.5	24.0	On
EW-3020	3.5	3.5	5,069	-2.2	42.8	24.0	On
EW-3021	0.3	0.4	372	0.9	34.0	19.4	On
EW-3022	0.5	0.6	755	-2.6	42.6	24.0	On
EW-3023	2.6	2.7	3,832	-6.4	30.7	24.0	On
EW-3024	0.4	0.5	578	0.9	---	23.0	On
EW-3025	2.6	2.7	3,790	-4.6	45.3	24.0	On
EW-3026	3.1	3.2	4,533	-9.2	46.6	24.0	On
EW-3027	0.4	0.7	435	0.1	---	24.0	On
EW-4001	2.2	2.2	3,099	-2.7	38.4	24.0	On
EW-4002	2.0	2.2	2,938	-46.8	15.5	24.0	On
EW-4003	1.9	2.0	2,765	-25.9	---	24.0	On
EW-4004	1.6	1.7	2,302	-12.1	17.3	24.0	On
EW-4005	2.0	2.0	2,825	-16.5	---	24.0	On
EW-4006	1.3	1.4	1,951	-51.2	39.3	24.0	On
EW-4007	1.1	1.1	1,505	-8.5	43.8	24.0	On
EW-4008	2.0	2.2	2,929	-7.7	47.0	24.0	On
EW-4009	1.0	1.1	1,414	-27.9	43.9	24.0	On
EW-4010	2.3	2.4	3,314	-0.4	55.5	24.0	On
EW-4011	2.1	2.2	3,013	-22.6	55.3	24.0	On
EW-5001	2.0	2.0	2,763	-22.5	---	24.0	On
EW-5002	0.0	0.0	0	3.3	22.1	0.0	Off
EW Totals	**161.4**		**231,649**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	230.6	166 GPM
FIT-500	0 GPM	198.9	244 GPM
Effluent Temp	94.7 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

June 19, 2016 12AM to June 20, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	38.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 19, 2016 12AM to June 20, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	56.6
Permeate Flow	FIT-642	0 GPM	40.7
Concentrate Flow	FIT-643	0 GPM	14.9

Inlet Conductivity	CIT-630	847.8 µS
Outlet Conductivity	CIT-642	129.4 µS
Hours Run		9.2 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	95.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 20, 2016 12AM to June 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,618	1.7	42.9	24.0	On
EW-2002	0.8	0.9	1,141	5.4	42.1	24.0	On
EW-2003	1.2	1.2	1,694	5.1	34.6	24.0	On
EW-2004	0.4	0.5	682	9.2	29.9	24.0	On
EW-2005	0.4	0.5	600	8.6	28.0	24.0	On
EW-2006	0.8	1.0	1,240	7.8	25.1	24.0	On
EW-2007	1.8	1.9	2,527	8.0	21.8	24.0	On
EW-2008	0.6	0.6	727	2.4	23.9	24.0	On
EW-2009	1.1	1.1	1,529	3.3	24.1	24.0	On
EW-2010	0.0	0.5	260	5.9	23.0	14.7	Off
EW-2011	0.4	0.5	330	8.7	21.5	17.3	On
EW-2012	0.0	0.4	194	12.8	15.1	11.1	Off
EW-2013	0.3	0.5	366	17.2	15.2	17.9	On
EW-2014	1.0	1.1	1,480	12.7	21.8	24.0	On
EW-2015	0.4	0.6	538	14.5	16.0	20.7	On
EW-2016	0.4	0.6	752	12.4	---	23.3	On
EW-2017	1.4	1.4	1,958	12.1	---	24.0	On
EW-2018	0.6	0.9	869	10.9	---	24.0	On
EW-2019	0.3	0.3	182	10.9	---	10.3	On
EW-2020	0.0	0.5	314	12.0	---	15.1	Off
EW-2021	0.3	0.4	243	12.9	---	12.8	On
EW-2022	0.4	0.5	430	11.4	---	20.3	On
EW-2023	0.0	0.6	460	11.1	---	17.7	Off
EW-2024	0.0	0.5	271	11.9	---	13.7	Off
EW-2025	0.8	1.0	1,142	10.8	---	24.0	On
EW-2026	0.6	0.8	821	10.2	---	24.0	On
EW-2027	0.8	1.0	1,113	7.8	---	24.0	On
EW-2028	0.7	0.9	1,008	8.8	---	24.0	On
EW-2029	0.8	1.0	1,125	6.8	---	24.0	On
EW-2030	1.4	1.5	2,013	10.2	---	24.0	On
EW-2031	1.4	1.5	2,039	10.9	---	24.0	On
EW-2032	0.5	0.7	648	9.1	---	24.0	On
EW-2033	0.5	0.8	670	10.0	---	24.0	On
EW-2034	0.7	1.5	1,077	8.1	28.7	24.0	On
EW-2035	1.1	1.4	1,560	6.6	21.8	24.0	On
EW-2036	0.7	0.8	1,074	12.9	38.0	24.0	On
EW-2037	0.7	2.9	968	3.7	43.7	24.0	On
EW-2101	17.4	24.0	25,128	10.9	69.2	24.0	On
EW-2102	19.0	24.0	27,230	14.9	73.5	23.9	On
EW-2103	13.1	13.2	18,800	16.6	48.6	24.0	On
EW-2104	40.3	40.6	57,934	13.3	63.0	24.0	On
EW-3001	0.0	0.0	0	1.8	15.0	0.0	Off
EW-3002	0.3	0.4	162	2.1	14.1	8.8	On
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

June 20, 2016 12AM to June 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	661	-0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.0	1,328	-1.0	---	24.0	On
EW-3008	0.5	0.6	633	-0.8	---	23.3	On
EW-3009	3.0	3.1	4,366	-1.6	---	24.0	On
EW-3010	1.0	1.2	1,509	-2.4	---	24.0	On
EW-3011	0.0	0.7	43	-0.3	27.8	4.8	On
EW-3012	0.5	1.7	713	-4.2	33.6	24.0	On
EW-3013	0.9	2.4	1,394	-6.2	43.6	24.0	On
EW-3014	0.3	0.8	226	-8.6	50.1	12.5	On
EW-3015	1.0	2.7	1,468	-6.2	59.4	24.0	On
EW-3016	0.8	1.9	1,191	-6.6	65.8	24.0	On
EW-3017	0.3	0.7	163	-7.1	67.7	8.6	On
EW-3018	0.0	1.2	88	-8.9	67.4	4.9	Off
EW-3019	0.7	1.5	976	1.8	68.2	24.0	On
EW-3020	3.5	3.6	5,016	-1.9	42.2	24.0	On
EW-3021	0.0	0.4	373	0.3	33.7	19.6	Off
EW-3022	0.5	0.6	748	-2.5	42.4	24.0	On
EW-3023	2.5	3.2	3,725	-6.3	31.3	24.0	On
EW-3024	0.3	0.5	576	1.6	---	23.0	On
EW-3025	2.6	2.7	3,724	-4.5	45.0	24.0	On
EW-3026	3.1	3.2	4,500	-9.1	46.3	24.0	On
EW-3027	0.3	0.7	435	0.1	---	24.0	On
EW-4001	2.1	2.2	3,066	-2.9	38.4	24.0	On
EW-4002	2.0	2.2	2,933	-47.2	15.4	24.0	On
EW-4003	1.9	2.0	2,783	-26.1	---	24.0	On
EW-4004	1.6	1.8	2,291	-12.0	17.2	24.0	On
EW-4005	2.0	2.1	2,815	-16.7	---	24.0	On
EW-4006	1.3	1.4	1,930	-51.2	39.1	24.0	On
EW-4007	1.1	1.1	1,493	-8.6	43.6	24.0	On
EW-4008	2.0	2.2	2,895	-7.9	47.1	24.0	On
EW-4009	1.0	1.4	1,419	-28.8	44.7	24.0	On
EW-4010	2.3	2.4	3,276	-0.6	56.2	24.0	On
EW-4011	2.3	2.4	3,142	-25.6	56.1	24.0	On
EW-5001	2.0	2.1	2,796	-22.8	---	24.0	On
EW-5002	0.0	2.3	16	3.4	22.1	0.1	Off
EW Totals	**159.9**		**230,629**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	229.7	165 GPM
FIT-500	0 GPM	193.0	242 GPM
Effluent Temp	94.0 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

June 20, 2016 12AM to June 21, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	38.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 20, 2016 12AM to June 21, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	57.2
Permeate Flow	FIT-642	0 GPM	41.1
Concentrate Flow	FIT-643	0 GPM	15.1

Inlet Conductivity	CIT-630	857.7 µS
Outlet Conductivity	CIT-642	53.8 µS
Hours Run		10.1 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 21, 2016 12AM to June 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.8	2,596	1.6	42.9	24.0	On
EW-2002	0.8	0.8	1,130	5.5	42.0	24.0	On
EW-2003	1.2	1.2	1,674	5.1	34.5	24.0	On
EW-2004	0.4	0.5	618	9.5	29.7	24.0	On
EW-2005	0.4	0.5	579	8.5	27.8	24.0	On
EW-2006	0.8	0.8	1,160	7.9	24.8	24.0	On
EW-2007	1.8	1.8	2,509	8.0	21.5	24.0	On
EW-2008	0.5	0.7	720	2.4	23.0	24.0	On
EW-2009	1.1	1.1	1,526	3.2	23.2	24.0	On
EW-2010	0.0	0.4	258	6.3	22.1	14.6	Off
EW-2011	0.0	0.5	327	9.0	20.6	16.9	Off
EW-2012	0.3	0.4	191	13.3	15.5	11.0	On
EW-2013	0.3	0.5	361	17.4	15.6	17.6	On
EW-2014	1.0	1.3	1,477	12.9	21.9	24.0	On
EW-2015	0.4	0.6	542	13.5	16.1	20.7	On
EW-2016	0.6	0.6	740	11.0	---	23.2	On
EW-2017	1.4	1.4	1,939	12.2	---	24.0	On
EW-2018	0.6	0.9	865	10.8	---	24.0	On
EW-2019	0.0	0.3	181	12.0	---	10.3	Off
EW-2020	0.4	0.4	313	11.0	---	16.4	On
EW-2021	0.0	0.4	243	13.5	---	12.8	Off
EW-2022	0.0	0.5	426	11.6	---	20.3	Off
EW-2023	0.5	0.6	459	11.0	---	17.8	On
EW-2024	0.3	0.5	270	11.3	---	13.9	On
EW-2025	0.8	1.0	1,139	10.8	---	24.0	On
EW-2026	0.6	0.8	818	10.2	---	24.0	On
EW-2027	0.8	1.0	1,110	7.8	---	24.0	On
EW-2028	0.7	0.9	1,005	8.8	---	24.0	On
EW-2029	0.8	1.0	1,122	6.8	---	24.0	On
EW-2030	1.4	1.5	2,007	10.3	---	24.0	On
EW-2031	1.4	1.5	2,026	10.9	---	24.0	On
EW-2032	0.4	0.7	645	9.1	---	24.0	On
EW-2033	0.5	0.9	670	10.0	---	24.0	On
EW-2034	0.8	0.9	1,072	8.1	28.6	24.0	On
EW-2035	1.1	1.1	1,561	6.5	21.8	24.0	On
EW-2036	0.7	0.9	1,061	12.9	37.6	24.0	On
EW-2037	0.7	1.3	953	3.8	43.8	24.0	On
EW-2101	17.3	17.6	25,015	10.9	69.2	24.0	On
EW-2102	18.5	19.1	26,992	14.9	73.2	24.0	On
EW-2103	13.0	13.9	18,780	16.6	48.5	24.0	On
EW-2104	40.1	40.5	57,889	13.2	62.6	24.0	On
EW-3001	0.0	0.0	0	1.8	15.4	0.0	Off
EW-3002	0.3	0.4	170	1.8	14.3	9.2	On
EW-3003	0.0	0.0	0	4.3	14.2	0.0	Off

Daily Log

June 21, 2016 12AM to June 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	662	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.0	1,299	-0.9	---	24.0	On
EW-3008	0.5	0.5	662	-0.7	---	24.0	On
EW-3009	3.0	3.0	4,338	-1.5	---	24.0	On
EW-3010	1.1	1.1	1,455	-2.4	---	24.0	On
EW-3011	0.0	0.7	57	0.1	27.7	6.1	Off
EW-3012	0.5	0.7	715	-4.3	33.5	24.0	On
EW-3013	1.0	1.1	1,392	-6.2	43.7	24.0	On
EW-3014	0.3	0.5	225	-8.2	50.1	12.5	On
EW-3015	1.0	1.2	1,464	-6.2	59.4	24.0	On
EW-3016	0.8	0.9	1,186	-6.6	65.7	24.0	On
EW-3017	0.0	0.6	158	-6.0	67.5	8.3	Off
EW-3018	0.0	0.6	90	-9.6	67.2	5.0	Off
EW-3019	0.7	0.7	959	1.8	68.0	24.0	On
EW-3020	3.5	3.5	4,999	-2.0	42.1	24.0	On
EW-3021	0.3	0.6	386	-0.3	34.0	20.1	On
EW-3022	0.5	0.7	736	-2.3	42.3	24.0	On
EW-3023	2.5	2.6	3,660	-6.4	31.4	24.0	On
EW-3024	0.5	0.5	574	0.8	---	23.0	On
EW-3025	2.6	2.6	3,707	-4.5	44.9	24.0	On
EW-3026	3.1	3.2	4,482	-9.1	46.2	24.0	On
EW-3027	0.4	0.7	435	0.2	---	24.0	On
EW-4001	1.9	2.3	2,840	-2.3	38.0	24.0	On
EW-4002	2.1	2.2	2,924	-47.1	15.8	24.0	On
EW-4003	2.0	2.0	2,781	-26.2	---	24.0	On
EW-4004	1.6	1.6	2,269	-12.0	17.1	24.0	On
EW-4005	2.0	2.0	2,804	-16.6	---	24.0	On
EW-4006	1.4	1.6	1,914	-51.0	39.2	24.0	On
EW-4007	1.0	1.1	1,471	-8.3	43.5	24.0	On
EW-4008	1.9	2.4	2,840	-7.6	46.9	24.0	On
EW-4009	1.0	1.1	1,454	-29.3	44.6	24.0	On
EW-4010	2.3	2.4	3,331	-0.6	56.5	24.0	On
EW-4011	2.2	2.4	3,195	-25.0	56.5	24.0	On
EW-5001	2.0	2.0	2,798	-22.7	---	24.0	On
EW-5002	0.0	0.0	0	3.4	22.0	0.0	Off
EW Totals	**159.3**		**229,399**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	228.4	164 GPM
FIT-500	201 GPM	183.3	242 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

June 21, 2016 12AM to June 22, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	40.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 21, 2016 12AM to June 22, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	60.2
Permeate Flow	FIT-642	0 GPM	43.2
Concentrate Flow	FIT-643	0 GPM	15.8

Inlet Conductivity	CIT-630	825.8 µS
Outlet Conductivity	CIT-642	22.9 µS
Hours Run		10.2 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	95.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 22, 2016 12AM to June 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.8	2,583	1.6	42.7	24.0	On
EW-2002	0.8	0.8	1,110	5.5	41.9	24.0	On
EW-2003	1.1	1.2	1,661	5.1	34.2	24.0	On
EW-2004	0.4	0.4	593	9.6	29.6	24.0	On
EW-2005	0.5	0.5	574	8.3	27.7	24.0	On
EW-2006	0.8	0.8	1,099	8.2	24.7	24.0	On
EW-2007	1.7	1.8	2,483	7.9	21.4	24.0	On
EW-2008	0.5	0.7	722	2.4	22.9	24.0	On
EW-2009	1.1	1.1	1,520	3.2	23.2	24.0	On
EW-2010	0.0	0.4	259	6.7	22.0	14.7	On
EW-2011	0.0	0.5	325	9.3	20.5	16.2	Off
EW-2012	0.3	0.4	194	12.9	14.9	11.0	On
EW-2013	0.0	0.5	359	18.1	14.9	17.1	Off
EW-2014	1.1	1.4	1,472	12.7	21.6	24.0	On
EW-2015	0.0	0.6	536	13.4	15.9	20.1	Off
EW-2016	0.6	0.6	761	10.1	---	23.7	On
EW-2017	1.4	1.4	1,934	12.2	---	24.0	On
EW-2018	0.6	0.9	862	10.9	---	24.0	On
EW-2019	0.0	0.3	180	12.5	---	10.1	Off
EW-2020	0.0	0.4	312	10.3	---	16.1	Off
EW-2021	0.3	0.4	242	13.5	---	12.7	On
EW-2022	0.4	0.4	426	11.6	---	19.9	On
EW-2023	0.4	0.5	459	13.0	---	17.8	On
EW-2024	0.0	0.5	268	11.4	---	13.5	Off
EW-2025	0.8	1.0	1,131	10.8	---	24.0	On
EW-2026	0.6	0.8	813	10.2	---	24.0	On
EW-2027	0.8	1.0	1,103	7.8	---	24.0	On
EW-2028	0.7	0.9	999	8.8	---	24.0	On
EW-2029	0.8	1.0	1,115	6.8	---	24.0	On
EW-2030	1.4	1.5	1,994	10.1	---	24.0	On
EW-2031	1.4	1.5	2,011	10.8	---	24.0	On
EW-2032	0.4	0.7	637	9.1	---	24.0	On
EW-2033	0.5	0.9	661	10.0	---	24.0	On
EW-2034	0.7	0.8	1,064	7.9	28.5	24.0	On
EW-2035	1.1	1.1	1,560	6.4	21.7	24.0	On
EW-2036	0.7	1.0	1,058	12.7	37.5	24.0	On
EW-2037	0.7	1.5	950	3.7	43.5	24.0	On
EW-2101	17.3	17.4	24,772	10.8	69.0	24.0	On
EW-2102	18.2	18.7	26,477	14.9	73.0	24.0	On
EW-2103	13.2	13.9	18,767	16.5	48.3	24.0	On
EW-2104	40.1	40.5	57,788	13.1	62.2	24.0	On
EW-3001	0.0	0.0	0	1.8	14.8	0.0	Off
EW-3002	0.0	0.4	201	2.2	13.8	10.8	Off
EW-3003	0.0	0.0	0	4.3	13.9	0.0	Off

Daily Log

June 22, 2016 12AM to June 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	641	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.0	1,264	-0.9	---	24.0	On
EW-3008	0.5	0.5	638	-0.8	---	24.0	On
EW-3009	3.0	3.1	4,326	-1.6	---	24.0	On
EW-3010	1.0	1.1	1,427	-2.4	---	24.0	On
EW-3011	0.0	0.6	1	0.2	27.7	0.1	Off
EW-3012	0.5	0.6	718	-4.5	33.5	24.0	On
EW-3013	0.9	1.1	1,391	-6.5	43.6	24.0	On
EW-3014	0.3	0.5	225	-7.6	50.1	12.5	On
EW-3015	1.0	1.2	1,463	-6.3	59.2	24.0	On
EW-3016	0.8	0.9	1,184	-6.8	65.6	24.0	On
EW-3017	0.0	0.8	158	-5.2	67.6	8.4	Off
EW-3018	0.0	0.7	88	-9.0	67.2	4.9	Off
EW-3019	0.7	0.7	947	1.5	67.8	24.0	On
EW-3020	3.5	3.5	4,996	-2.1	42.0	24.0	On
EW-3021	0.0	0.6	447	-0.1	33.4	22.5	Off
EW-3022	0.5	0.8	728	-2.4	41.9	24.0	On
EW-3023	2.5	2.6	3,621	-6.3	31.7	24.0	On
EW-3024	0.4	0.5	586	0.9	---	23.1	On
EW-3025	2.6	2.7	3,698	-4.5	44.5	24.0	On
EW-3026	3.1	3.2	4,455	-9.1	45.8	24.0	On
EW-3027	0.4	0.7	435	0.1	---	24.0	On
EW-4001	1.9	2.3	2,666	-2.2	37.8	24.0	On
EW-4002	2.0	2.2	2,921	-47.1	15.2	24.0	On
EW-4003	2.0	2.0	2,772	-26.4	---	24.0	On
EW-4004	1.6	1.7	2,268	-12.2	17.0	24.0	On
EW-4005	2.0	2.0	2,790	-16.8	---	24.0	On
EW-4006	1.4	1.6	1,905	-51.1	38.7	24.0	On
EW-4007	1.0	1.1	1,419	-8.1	43.0	24.0	On
EW-4008	2.0	2.4	2,821	-7.6	46.6	24.0	On
EW-4009	1.0	1.1	1,472	-29.3	44.7	24.0	On
EW-4010	2.3	2.4	3,374	-0.4	56.1	24.0	On
EW-4011	2.2	2.4	3,177	-25.3	55.8	24.0	On
EW-5001	2.0	2.0	2,789	-22.8	---	24.0	On
EW-5002	0.0	0.0	0	3.4	22.0	0.0	Off
EW Totals	**157.3**		**227,842**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	227.0	164 GPM
FIT-500	202 GPM	198.3	242 GPM
Effluent Temp	94.1 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

June 22, 2016 12AM to June 23, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	30 GPM	0.0
RC-7003	FIT-665	31 GPM	37.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 22, 2016 12AM to June 23, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	55.1
Permeate Flow	FIT-642	0 GPM	39.6
Concentrate Flow	FIT-643	0 GPM	14.5

Inlet Conductivity	CIT-630	826.4 µS
Outlet Conductivity	CIT-642	103.3 µS
Hours Run		9.9 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 23, 2016 12AM to June 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.3	2,565	1.4	43.0	23.6	On
EW-2002	0.8	5.5	1,101	5.4	42.2	23.6	On
EW-2003	1.2	2.0	1,674	4.9	34.6	23.6	On
EW-2004	0.5	0.6	682	8.0	29.8	23.6	On
EW-2005	0.5	0.7	611	7.7	27.7	23.6	On
EW-2006	0.9	1.0	1,117	7.3	24.5	23.6	On
EW-2007	1.7	5.1	2,440	8.0	21.0	23.5	On
EW-2008	0.0	2.9	634	19.3	21.3	20.7	Off
EW-2009	1.1	2.6	1,503	3.2	21.6	23.5	On
EW-2010	0.0	0.8	259	6.5	20.8	14.5	Off
EW-2011	0.0	0.7	325	8.3	19.4	16.1	Off
EW-2012	0.3	0.5	187	13.1	15.0	10.7	On
EW-2013	0.3	0.5	351	18.5	15.0	17.3	On
EW-2014	1.1	4.6	1,452	12.7	21.0	23.5	On
EW-2015	0.0	0.8	527	13.2	15.5	20.1	Off
EW-2016	0.6	0.7	736	10.5	---	23.1	On
EW-2017	1.4	4.6	1,909	12.1	---	23.6	On
EW-2018	0.6	7.5	854	10.8	---	23.6	On
EW-2019	0.0	0.3	180	12.8	---	10.2	Off
EW-2020	0.0	0.4	304	12.1	---	15.9	Off
EW-2021	0.0	0.4	241	13.7	---	12.7	Off
EW-2022	0.0	0.5	419	11.7	---	19.9	Off
EW-2023	0.0	0.6	456	11.9	---	17.9	Off
EW-2024	0.3	0.6	268	9.7	---	13.6	On
EW-2025	0.8	6.9	1,050	10.8	---	21.8	On
EW-2026	0.6	7.4	806	10.2	---	23.5	On
EW-2027	0.8	7.3	1,095	7.8	---	23.6	On
EW-2028	0.7	7.3	992	8.8	---	23.6	On
EW-2029	0.8	7.3	1,106	6.8	---	23.6	On
EW-2030	1.4	7.3	1,973	10.1	---	23.6	On
EW-2031	1.4	7.6	1,984	10.8	---	23.6	On
EW-2032	0.4	6.7	632	9.1	---	23.6	On
EW-2033	0.5	7.4	658	10.0	---	23.6	On
EW-2034	0.8	5.3	1,057	7.9	28.1	23.6	On
EW-2035	1.1	2.2	1,537	6.4	21.4	23.6	On
EW-2036	0.7	4.0	1,042	12.7	34.5	23.5	On
EW-2037	0.7	6.5	942	3.6	42.4	23.5	On
EW-2101	17.3	19.7	24,241	10.9	68.8	23.6	On
EW-2102	18.1	19.6	25,584	15.0	72.7	23.6	On
EW-2103	13.2	18.1	18,426	16.5	47.2	23.5	On
EW-2104	40.1	42.2	56,447	13.1	61.3	23.5	On
EW-3001	0.0	0.0	0	1.8	14.8	0.0	Off
EW-3002	0.0	0.5	231	2.3	13.8	12.1	Off
EW-3003	0.0	0.0	0	4.3	13.7	0.0	Off

Daily Log

June 23, 2016 12AM to June 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	6	1.3	---	0.4	Off
EW-3005	0.5	0.5	632	-0.1	---	23.4	On
EW-3006	0.0	0.5	3	1.4	---	0.2	Off
EW-3007	0.9	6.0	1,283	-1.0	---	23.4	On
EW-3008	0.5	0.5	629	-0.8	---	23.4	On
EW-3009	3.1	6.9	4,339	-1.6	---	23.4	On
EW-3010	1.0	6.1	1,414	-2.4	---	23.4	On
EW-3011	0.0	5.1	13	0.1	27.3	0.6	Off
EW-3012	0.5	5.4	710	-4.5	33.0	23.4	On
EW-3013	1.0	4.7	1,377	-6.5	43.3	23.4	On
EW-3014	0.0	0.5	225	-7.6	49.7	12.4	Off
EW-3015	1.0	4.0	1,446	-6.3	58.9	23.4	On
EW-3016	0.9	2.1	1,172	-6.6	65.4	23.4	On
EW-3017	0.0	0.7	158	-6.2	67.3	8.3	Off
EW-3018	0.0	0.6	89	-9.6	67.0	5.0	Off
EW-3019	0.7	1.8	977	1.4	67.9	23.4	On
EW-3020	3.4	5.9	4,881	-2.2	42.2	23.4	On
EW-3021	0.0	0.5	430	0.1	32.7	21.4	Off
EW-3022	0.6	4.3	722	-2.5	41.5	23.4	On
EW-3023	2.6	4.6	3,611	-6.4	31.2	23.4	On
EW-3024	0.0	0.6	570	1.4	---	22.6	Off
EW-3025	2.6	5.1	3,666	-4.5	44.2	23.4	On
EW-3026	3.1	4.6	4,396	-9.1	45.4	23.4	On
EW-3027	0.3	0.7	349	0.1	---	19.3	On
EW-4001	0.0	2.1	2,215	0.9	34.6	18.9	Off
EW-4002	2.0	6.7	2,889	-47.2	15.2	23.4	On
EW-4003	2.0	9.0	2,691	-26.6	---	23.4	On
EW-4004	1.7	1.7	2,187	-12.6	16.6	23.4	On
EW-4005	2.0	2.0	2,681	-16.3	---	23.4	On
EW-4006	1.4	4.6	1,890	-51.2	38.1	23.4	On
EW-4007	1.1	1.1	1,431	-8.5	42.7	23.4	On
EW-4008	2.1	2.3	2,832	-7.9	45.6	23.4	On
EW-4009	1.0	1.1	1,392	-28.2	44.3	23.4	On
EW-4010	2.4	2.6	3,305	-0.4	55.1	23.4	On
EW-4011	2.1	2.3	3,005	-23.4	55.0	23.4	On
EW-5001	0.0	2.0	2,666	-10.5	---	23.1	Off
EW-5002	0.0	2.2	10	3.5	21.5	0.1	Off
EW Totals	**152.9**		**222,889**				

	Value	Total (KGal)	Peak Flow
FIT-100	152 GPM	222.0	186 GPM
FIT-500	203 GPM	182.3	242 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

June 23, 2016 12AM to June 24, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	39.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 23, 2016 12AM to June 24, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	58.8
Permeate Flow	FIT-642	0 GPM	42.3
Concentrate Flow	FIT-643	0 GPM	15.4

Inlet Conductivity	CIT-630	818.3 µS
Outlet Conductivity	CIT-642	34.5 µS
Hours Run		10.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 24, 2016 12AM to June 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.8	2,567	1.7	43.0	24.0	On
EW-2002	0.8	0.9	1,104	5.5	42.2	24.0	On
EW-2003	1.1	1.2	1,639	5.1	34.9	24.0	On
EW-2004	0.6	0.7	813	7.6	30.2	24.0	On
EW-2005	0.5	0.5	627	8.0	28.3	24.0	On
EW-2006	0.8	0.9	1,166	7.7	25.0	24.0	On
EW-2007	1.7	5.1	2,289	8.0	21.5	22.1	On
EW-2008	0.5	3.4	687	2.4	23.5	21.9	On
EW-2009	1.1	1.2	1,521	3.2	23.8	24.0	On
EW-2010	0.4	0.6	258	6.0	22.7	14.6	On
EW-2011	0.0	0.5	323	8.8	21.2	16.6	Off
EW-2012	0.0	0.4	187	13.4	15.3	10.8	Off
EW-2013	0.4	0.5	353	17.4	15.4	17.4	On
EW-2014	1.0	1.1	1,471	13.0	21.3	24.0	On
EW-2015	0.5	0.6	533	13.2	15.8	20.4	On
EW-2016	0.6	0.6	737	10.6	---	23.1	On
EW-2017	1.3	1.4	1,919	12.2	---	24.0	On
EW-2018	0.6	0.9	859	10.8	---	24.0	On
EW-2019	0.3	0.3	182	12.2	---	10.3	On
EW-2020	0.0	0.4	278	19.1	---	14.6	Off
EW-2021	0.3	0.4	245	11.7	---	13.0	On
EW-2022	0.4	0.4	422	12.2	---	20.3	On
EW-2023	0.5	0.5	459	12.0	---	18.1	On
EW-2024	0.3	0.5	264	11.7	---	13.4	On
EW-2025	0.8	1.0	1,145	10.8	---	24.0	On
EW-2026	0.6	0.9	810	10.2	---	24.0	On
EW-2027	0.8	1.0	1,101	7.8	---	24.0	On
EW-2028	0.7	0.9	999	8.8	---	24.0	On
EW-2029	0.8	7.4	1,009	6.8	---	21.5	On
EW-2030	1.4	1.5	2,000	10.3	---	24.0	On
EW-2031	1.5	1.5	2,004	10.8	---	24.0	On
EW-2032	0.4	0.7	633	9.1	---	24.0	On
EW-2033	0.5	0.8	671	10.0	---	24.0	On
EW-2034	0.8	0.9	1,062	7.9	28.1	24.0	On
EW-2035	1.1	1.1	1,547	6.6	21.5	24.0	On
EW-2036	0.7	0.8	1,038	12.9	36.9	24.0	On
EW-2037	0.7	1.1	941	3.8	39.2	24.0	On
EW-2101	17.2	17.3	24,640	10.8	69.0	24.0	On
EW-2102	17.6	18.2	25,680	15.0	72.7	24.0	On
EW-2103	13.0	13.3	18,786	16.4	47.2	24.0	On
EW-2104	40.4	40.5	57,588	13.0	61.2	24.0	On
EW-3001	0.0	0.0	0	1.8	15.2	0.0	Off
EW-3002	0.4	0.4	256	1.5	14.2	12.6	On
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

June 24, 2016 12AM to June 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.2	0.5	60	1.7	---	4.5	On
EW-3005	0.5	0.5	663	1.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.4	1.5	1,413	-0.7	---	24.0	On
EW-3008	0.5	0.5	661	0.5	---	24.0	On
EW-3009	0.0	3.1	3,467	1.3	---	19.1	Off
EW-3010	1.3	1.3	1,484	-2.2	---	24.0	On
EW-3011	0.0	0.8	66	0.2	27.5	2.8	Off
EW-3012	0.5	0.7	714	-4.5	33.4	24.0	On
EW-3013	1.0	1.1	1,389	-6.5	43.8	24.0	On
EW-3014	0.0	0.5	225	-8.2	50.0	12.5	Off
EW-3015	1.1	1.2	1,461	-6.2	59.2	24.0	On
EW-3016	0.8	0.9	1,181	-6.6	65.5	24.0	On
EW-3017	0.0	1.0	156	-6.2	67.5	8.3	Off
EW-3018	0.0	0.6	88	-9.5	67.2	5.0	Off
EW-3019	0.7	0.8	975	1.5	68.1	24.0	On
EW-3020	3.4	3.5	4,923	-2.0	42.3	24.0	On
EW-3021	0.4	0.4	418	0.6	33.5	21.2	On
EW-3022	0.6	0.6	729	-2.2	42.1	24.0	On
EW-3023	2.6	2.6	3,638	-6.4	31.9	24.0	On
EW-3024	0.5	0.5	585	1.4	---	23.1	On
EW-3025	2.6	2.7	3,726	-4.2	44.8	24.0	On
EW-3026	3.1	3.2	4,485	-8.8	46.0	24.0	On
EW-3027	0.5	0.7	435	1.4	---	24.0	On
EW-4001	2.1	2.4	2,215	-2.4	37.4	17.9	On
EW-4002	2.1	2.2	2,920	-47.1	15.6	24.0	On
EW-4003	2.0	2.0	2,804	-26.4	---	24.0	On
EW-4004	1.7	1.8	2,359	-12.4	16.8	24.0	On
EW-4005	1.9	2.0	2,766	-16.2	---	24.0	On
EW-4006	1.3	1.4	1,910	-51.1	38.8	24.0	On
EW-4007	1.0	1.1	1,436	-7.8	43.2	24.0	On
EW-4008	2.1	2.2	2,885	-7.7	45.7	24.0	On
EW-4009	1.1	1.1	1,435	-28.7	44.7	24.0	On
EW-4010	2.4	2.6	3,402	-0.1	43.7	24.0	On
EW-4011	0.0	2.2	2,431	1.1	43.1	19.1	Off
EW-5001	2.0	4.2	1,096	-20.2	---	9.4	On
EW-5002	0.0	0.0	0	4.3	21.7	0.0	Off
EW Totals	**155.9**		**223,412**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	222.5	162 GPM
FIT-500	204 GPM	179.6	241 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

June 24, 2016 12AM to June 25, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	30 GPM	0.0
RC-7003	FIT-665	30 GPM	40.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 24, 2016 12AM to June 25, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	59.0
Permeate Flow	FIT-642	0 GPM	42.7
Concentrate Flow	FIT-643	0 GPM	15.3

Inlet Conductivity	CIT-630	813.1 µS
Outlet Conductivity	CIT-642	84.2 µS
Hours Run		10.0 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 25, 2016 12AM to June 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.5	2,587	1.5	39.3	24.0	On
EW-2002	0.8	5.7	993	5.5	38.5	21.3	On
EW-2003	0.0	1.6	1,781	11.4	30.7	23.6	Off
EW-2004	0.6	0.6	841	6.9	27.5	24.0	On
EW-2005	0.5	0.6	628	7.5	25.9	24.0	On
EW-2006	0.7	1.0	1,074	9.4	23.4	22.4	On
EW-2007	1.7	1.9	2,448	8.0	20.7	24.0	On
EW-2008	0.5	0.7	731	2.5	22.7	24.0	On
EW-2009	1.1	1.1	1,520	3.4	23.0	24.0	On
EW-2010	0.3	0.5	188	5.9	21.9	10.5	On
EW-2011	0.0	0.5	177	22.3	20.4	9.0	Off
EW-2012	0.0	0.4	186	12.2	15.3	10.7	Off
EW-2013	0.4	0.5	352	17.5	15.3	17.0	On
EW-2014	1.0	4.6	1,299	12.9	21.8	21.1	On
EW-2015	0.4	0.6	528	13.7	16.0	19.8	On
EW-2016	0.4	0.6	752	12.3	---	23.5	On
EW-2017	1.4	4.5	1,797	12.2	---	22.3	On
EW-2018	0.6	0.9	855	10.8	---	24.0	On
EW-2019	0.3	0.3	182	11.0	---	10.3	On
EW-2020	0.4	0.4	277	10.8	---	14.3	On
EW-2021	0.0	0.4	241	12.3	---	12.6	Off
EW-2022	0.0	0.4	424	11.8	---	20.1	Off
EW-2023	0.5	0.5	456	10.7	---	17.9	On
EW-2024	0.4	0.5	266	10.4	---	13.4	On
EW-2025	0.8	1.0	1,135	10.8	---	24.0	On
EW-2026	0.6	0.8	803	10.2	---	24.0	On
EW-2027	0.8	1.0	1,101	7.8	---	24.0	On
EW-2028	0.7	7.3	912	8.8	---	21.8	On
EW-2029	0.8	1.0	1,119	6.8	---	24.0	On
EW-2030	1.4	1.5	1,988	10.1	---	24.0	On
EW-2031	1.4	7.7	1,881	10.8	---	22.5	On
EW-2032	0.5	0.7	623	9.1	---	24.0	On
EW-2033	0.5	7.6	593	10.0	---	21.0	On
EW-2034	0.8	2.1	1,056	8.0	28.4	24.0	On
EW-2035	1.1	1.1	1,544	6.4	21.3	24.0	On
EW-2036	0.7	0.7	1,024	12.9	37.7	24.0	On
EW-2037	0.6	1.2	935	3.9	43.6	24.0	On
EW-2101	17.0	17.3	24,534	10.8	69.0	24.0	On
EW-2102	17.5	17.9	25,259	15.0	72.5	24.0	On
EW-2103	13.1	13.2	18,758	16.3	48.6	24.0	On
EW-2104	40.3	40.7	57,861	13.0	62.7	24.0	On
EW-3001	0.0	0.0	0	1.8	15.1	0.0	Off
EW-3002	0.3	0.4	259	1.8	14.2	13.6	On
EW-3003	0.0	0.0	0	4.3	14.1	0.0	Off

Daily Log

June 25, 2016 12AM to June 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	6	1.3	---	0.4	Off
EW-3005	0.5	0.5	638	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.5	1,295	-0.9	---	24.0	On
EW-3008	0.5	0.5	637	-0.8	---	24.0	On
EW-3009	3.1	6.0	4,354	-1.5	---	23.6	On
EW-3010	1.0	5.6	1,267	-2.4	---	21.4	On
EW-3011	0.0	0.8	46	0.2	27.5	2.1	Off
EW-3012	0.5	1.1	725	-4.5	33.3	24.0	On
EW-3013	1.0	5.0	1,269	-6.4	43.6	21.4	On
EW-3014	0.0	0.5	224	-7.5	49.9	12.4	On
EW-3015	1.0	1.5	1,464	-6.3	59.0	24.0	On
EW-3016	0.8	1.1	1,181	-6.8	65.6	24.0	On
EW-3017	0.0	0.8	156	-6.2	67.4	8.2	Off
EW-3018	0.0	0.6	75	-2.5	67.3	4.2	Off
EW-3019	0.7	2.2	952	1.0	68.1	22.3	On
EW-3020	3.5	6.0	3,828	-1.8	38.6	18.3	On
EW-3021	0.3	0.4	451	0.1	33.7	22.5	On
EW-3022	0.5	0.6	703	-2.3	41.7	24.0	On
EW-3023	2.5	2.7	3,592	-6.2	32.1	24.0	On
EW-3024	0.5	0.5	598	0.8	---	23.4	On
EW-3025	2.5	2.7	3,672	-4.3	44.2	24.0	On
EW-3026	3.1	3.2	4,458	-9.0	45.5	24.0	On
EW-3027	0.0	0.7	435	0.2	---	24.0	On
EW-4001	2.0	2.2	2,986	-2.1	38.1	24.0	On
EW-4002	2.0	2.2	2,924	-47.2	15.5	24.0	On
EW-4003	2.0	5.8	2,203	-25.1	---	19.1	On
EW-4004	1.8	1.8	2,398	-13.2	16.6	24.0	On
EW-4005	0.0	2.0	2,457	-1.1	---	21.3	Off
EW-4006	1.3	1.4	1,908	-50.9	38.6	24.0	On
EW-4007	1.0	1.1	1,426	-7.6	42.9	24.0	On
EW-4008	2.0	2.2	2,857	-7.1	46.9	24.0	On
EW-4009	1.1	1.1	1,463	-30.6	44.6	24.0	On
EW-4010	2.3	2.6	2,826	-0.1	55.9	21.9	On
EW-4011	2.2	2.5	2,335	-23.9	55.8	18.5	On
EW-5001	2.0	2.0	2,765	-21.7	---	24.0	On
EW-5002	0.0	0.0	0	3.9	21.5	0.0	Off
EW Totals	**154.9**		**222,547**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	221.4	162 GPM
FIT-500	202 GPM	190.1	243 GPM
Effluent Temp	95.2 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

June 25, 2016 12AM to June 26, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	39.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 25, 2016 12AM to June 26, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	58.0
Permeate Flow	FIT-642	0 GPM	41.8
Concentrate Flow	FIT-643	0 GPM	15.2

Inlet Conductivity	CIT-630	857.7 µS
Outlet Conductivity	CIT-642	54.7 µS
Hours Run		10.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 26, 2016 12AM to June 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.4	2,536	1.5	45.0	23.3	On
EW-2002	0.8	5.5	1,098	5.5	44.2	23.3	On
EW-2003	1.2	1.5	1,499	4.9	36.5	21.1	On
EW-2004	0.6	0.6	666	7.2	31.5	20.7	On
EW-2005	0.4	0.5	512	7.7	29.4	19.4	On
EW-2006	1.0	1.0	1,061	6.7	26.2	23.3	On
EW-2007	1.7	5.1	2,389	8.2	22.4	23.3	On
EW-2008	0.5	3.1	727	2.6	24.3	23.2	On
EW-2009	1.1	2.6	1,488	3.4	24.6	23.2	On
EW-2010	0.3	0.8	264	5.5	23.5	14.9	On
EW-2011	0.0	0.0	0	22.7	22.0	0.0	Off
EW-2012	0.3	0.5	187	12.3	16.5	10.6	On
EW-2013	0.3	0.5	360	18.2	16.6	17.1	On
EW-2014	0.9	4.6	1,422	13.0	22.6	23.2	On
EW-2015	0.5	0.6	529	12.6	17.0	20.1	On
EW-2016	0.4	0.6	701	12.4	---	22.4	On
EW-2017	1.3	4.6	1,894	12.3	---	23.3	On
EW-2018	0.6	7.6	836	11.2	---	23.3	On
EW-2019	0.3	0.4	180	11.7	---	10.2	On
EW-2020	0.3	0.4	306	11.1	---	16.0	On
EW-2021	0.3	0.4	234	13.6	---	12.4	On
EW-2022	0.3	0.5	426	11.9	---	20.3	On
EW-2023	0.4	0.5	440	11.6	---	17.4	On
EW-2024	0.3	0.5	264	10.5	---	13.5	On
EW-2025	0.8	7.2	1,116	11.2	---	23.2	On
EW-2026	0.5	7.4	790	10.6	---	23.2	On
EW-2027	0.0	7.4	872	16.9	---	18.8	Off
EW-2028	0.8	7.3	998	9.2	---	23.3	On
EW-2029	0.8	7.4	1,098	7.2	---	23.3	On
EW-2030	1.3	7.4	1,947	10.5	---	23.3	On
EW-2031	1.4	7.6	1,996	11.2	---	23.3	On
EW-2032	0.5	6.8	620	9.5	---	23.3	On
EW-2033	0.5	7.5	669	10.4	---	23.3	On
EW-2034	0.7	5.1	944	8.3	29.1	20.4	On
EW-2035	1.1	2.2	1,512	6.6	22.2	23.3	On
EW-2036	0.8	3.7	1,060	12.8	38.8	23.2	On
EW-2037	0.6	5.8	942	3.8	44.2	23.2	On
EW-2101	17.1	19.4	23,745	10.9	69.1	23.3	On
EW-2102	17.2	18.4	24,110	15.1	72.2	23.3	On
EW-2103	12.9	17.6	18,196	16.4	48.9	23.2	On
EW-2104	39.8	41.0	55,803	13.0	63.3	23.2	On
EW-3001	0.0	0.6	3	1.8	16.4	0.2	Off
EW-3002	0.3	0.6	274	1.7	15.3	13.5	On
EW-3003	0.0	0.4	1	4.3	15.1	0.1	Off

Daily Log

June 26, 2016 12AM to June 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	10	1.2	---	0.8	Off
EW-3005	0.3	0.5	640	0.1	---	23.2	On
EW-3006	0.0	0.5	5	1.4	---	0.3	Off
EW-3007	0.7	6.1	1,290	-0.6	---	23.2	On
EW-3008	0.3	0.6	532	-0.5	---	19.4	On
EW-3009	3.0	7.0	4,384	-1.4	---	23.2	On
EW-3010	1.0	6.1	1,451	-2.0	---	23.2	On
EW-3011	0.0	0.8	15	0.1	28.2	0.6	Off
EW-3012	0.5	5.4	716	-4.1	33.8	23.2	On
EW-3013	1.0	4.7	1,399	-6.1	43.8	23.2	On
EW-3014	0.0	0.5	231	-8.7	50.1	12.6	Off
EW-3015	1.2	4.0	1,465	-6.0	58.9	23.2	On
EW-3016	0.0	2.1	941	10.7	65.3	18.7	Off
EW-3017	0.3	0.8	158	-7.3	67.4	8.3	On
EW-3018	0.0	0.7	84	-9.0	67.3	4.4	Off
EW-3019	0.7	1.8	971	1.2	68.2	23.2	On
EW-3020	3.5	5.7	4,847	-2.1	44.2	23.2	On
EW-3021	0.3	0.5	428	0.5	34.8	21.1	On
EW-3022	0.5	4.2	713	-2.4	43.1	23.2	On
EW-3023	2.6	3.7	3,511	-6.6	32.9	23.2	On
EW-3024	0.4	0.5	561	1.2	---	22.4	On
EW-3025	2.6	5.1	3,583	-4.5	45.8	23.2	On
EW-3026	3.1	4.7	4,347	-9.2	47.0	23.2	On
EW-3027	0.0	0.7	421	0.2	---	23.2	On
EW-4001	2.1	2.2	2,833	-2.1	39.1	23.1	On
EW-4002	2.0	6.8	2,869	-46.8	16.8	23.1	On
EW-4003	1.8	4.1	2,678	-25.2	---	23.1	On
EW-4004	1.4	1.8	2,297	-11.3	17.7	23.1	On
EW-4005	1.8	2.0	2,032	-15.2	---	17.8	On
EW-4006	1.3	5.1	1,891	-50.9	39.9	23.1	On
EW-4007	1.0	1.1	1,391	-7.9	44.3	23.1	On
EW-4008	2.0	2.2	2,760	-7.4	47.4	23.1	On
EW-4009	0.9	1.1	967	-27.3	44.8	16.3	On
EW-4010	2.3	2.6	3,239	0.3	56.2	23.1	On
EW-4011	2.1	2.3	2,946	-21.0	55.9	23.1	On
EW-5001	1.8	2.0	2,679	-21.5	---	23.1	On
EW-5002	0.0	0.0	0	3.9	22.4	0.0	Off
EW Totals	**155.2**		**218,001**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	217.0	190 GPM
FIT-500	184 GPM	190.0	241 GPM
Effluent Temp	94.0 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 26, 2016 12AM to June 27, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	28.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 26, 2016 12AM to June 27, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	41.6
Permeate Flow	FIT-642	0 GPM	29.9
Concentrate Flow	FIT-643	0 GPM	10.9

Inlet Conductivity	CIT-630	857.9 µS
Outlet Conductivity	CIT-642	66.0 µS
Hours Run		9.9 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 27, 2016 12AM to June 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,638	1.8	43.8	24.0	On
EW-2002	0.8	1.0	1,147	5.6	43.0	24.0	On
EW-2003	1.2	1.2	1,696	5.1	35.5	24.0	On
EW-2004	0.5	0.6	807	8.2	30.5	24.0	On
EW-2005	0.4	0.5	608	8.7	28.4	24.0	On
EW-2006	0.8	1.0	1,302	8.6	25.2	24.0	On
EW-2007	1.8	2.0	2,496	8.1	21.6	24.0	On
EW-2008	0.5	0.7	752	2.5	23.3	24.0	On
EW-2009	1.0	1.2	1,547	3.3	23.6	24.0	On
EW-2010	0.3	0.5	273	6.5	22.5	15.4	On
EW-2011	0.0	0.5	294	9.0	21.0	15.0	Off
EW-2012	0.0	0.5	181	13.3	14.8	10.4	Off
EW-2013	0.0	0.5	400	17.8	14.8	18.8	Off
EW-2014	1.1	1.7	1,488	12.9	21.5	24.0	On
EW-2015	0.4	0.7	548	13.5	16.0	20.9	On
EW-2016	0.6	0.6	734	11.0	---	23.2	On
EW-2017	1.4	1.5	1,940	12.2	---	24.0	On
EW-2018	0.6	1.1	854	10.8	---	24.0	On
EW-2019	0.3	0.4	190	12.3	---	10.6	On
EW-2020	0.0	0.5	312	10.4	---	16.2	Off
EW-2021	0.0	0.4	240	13.3	---	12.8	Off
EW-2022	0.0	0.4	470	12.0	---	21.9	Off
EW-2023	0.0	0.5	451	12.4	---	18.0	Off
EW-2024	0.3	0.5	264	11.1	---	13.3	On
EW-2025	0.8	1.0	1,145	10.8	---	24.0	On
EW-2026	0.6	0.8	799	10.2	---	24.0	On
EW-2027	0.8	7.4	1,126	7.8	---	23.9	On
EW-2028	0.7	1.0	1,006	8.8	---	24.0	On
EW-2029	0.8	1.0	1,132	6.8	---	24.0	On
EW-2030	0.0	1.5	1,621	19.0	---	19.4	Off
EW-2031	1.5	1.7	2,080	10.8	---	24.0	On
EW-2032	0.4	0.7	635	9.1	---	24.0	On
EW-2033	0.5	1.2	687	10.0	---	24.0	On
EW-2034	0.8	1.7	1,106	8.2	29.0	24.0	On
EW-2035	1.1	1.2	1,546	6.6	21.6	24.0	On
EW-2036	0.8	1.5	1,194	12.8	37.8	24.0	On
EW-2037	0.7	2.1	1,005	3.7	42.8	24.0	On
EW-2101	17.1	18.5	19,446	11.1	69.8	23.9	On
EW-2102	17.0	19.9	19,395	15.2	72.8	24.0	On
EW-2103	13.1	18.1	15,215	16.5	48.1	24.0	On
EW-2104	39.9	41.5	43,562	13.4	62.3	24.0	On
EW-3001	0.0	0.0	0	1.8	14.7	0.0	Off
EW-3002	0.0	0.6	217	2.0	13.8	11.3	Off
EW-3003	0.0	0.0	0	4.3	13.9	0.0	Off

Daily Log

June 27, 2016 12AM to June 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.5	662	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,308	-0.9	---	24.0	On
EW-3008	0.5	0.6	662	-0.8	---	24.0	On
EW-3009	2.9	3.2	4,343	-1.4	---	24.0	On
EW-3010	1.0	1.2	1,463	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.2	28.1	0.0	Off
EW-3012	0.5	2.0	723	-4.3	34.0	24.0	On
EW-3013	1.0	2.2	1,420	-6.2	44.4	24.0	On
EW-3014	0.0	0.7	224	-8.7	50.7	12.3	Off
EW-3015	1.0	5.2	1,492	-6.0	59.6	23.9	On
EW-3016	0.8	3.0	1,006	-6.5	66.1	19.7	On
EW-3017	0.3	0.9	156	-6.8	68.3	8.3	On
EW-3018	0.0	0.8	91	-9.0	68.0	5.1	Off
EW-3019	0.6	1.7	973	2.5	68.6	24.0	On
EW-3020	3.4	3.6	4,958	-1.8	43.1	24.0	On
EW-3021	0.4	0.5	388	-0.3	32.1	20.0	On
EW-3022	0.5	1.4	743	-2.4	39.2	24.0	On
EW-3023	2.5	3.1	3,615	-6.3	33.1	24.0	On
EW-3024	0.5	0.5	583	0.8	---	23.2	On
EW-3025	2.6	3.6	3,754	-4.5	41.9	24.0	On
EW-3026	3.1	3.8	4,488	-9.1	43.0	24.0	On
EW-3027	0.6	0.7	436	0.2	---	24.0	On
EW-4001	2.2	2.6	3,090	-2.5	38.1	24.0	On
EW-4002	2.0	2.4	2,935	-47.1	15.1	24.0	On
EW-4003	2.0	2.2	2,854	-26.4	---	24.0	On
EW-4004	1.6	1.8	2,266	-11.9	16.9	24.0	On
EW-4005	2.0	2.1	2,824	-15.9	---	24.0	On
EW-4006	0.0	2.0	1,560	-3.5	35.9	19.4	Off
EW-4007	1.1	1.2	1,464	-8.1	40.4	24.0	On
EW-4008	2.0	2.8	3,003	-7.7	46.3	24.0	On
EW-4009	1.0	1.4	1,438	-30.1	45.4	24.0	On
EW-4010	2.0	2.6	3,232	0.1	53.1	24.0	On
EW-4011	2.2	2.6	3,128	-23.7	53.3	24.0	On
EW-5001	2.0	2.2	2,866	-22.6	---	24.0	On
EW-5002	0.0	0.0	0	3.7	21.8	0.0	Off
EW Totals	**154.2**		**198,694**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	198.3	164 GPM
FIT-500	210 GPM	173.1	241 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 27, 2016 12AM to June 28, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	27.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 27, 2016 12AM to June 28, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	43.8
Permeate Flow	FIT-642	0 GPM	31.2
Concentrate Flow	FIT-643	0 GPM	11.8

Inlet Conductivity	CIT-630	831.3 µS
Outlet Conductivity	CIT-642	57.6 µS
Hours Run		7.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 28, 2016 12AM to June 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,618	1.7	44.7	24.0	On
EW-2002	0.8	1.1	1,141	5.5	43.9	24.0	On
EW-2003	1.2	1.2	1,695	5.2	36.1	24.0	On
EW-2004	0.5	0.6	736	8.6	31.0	24.0	On
EW-2005	0.4	0.5	581	8.6	28.8	24.0	On
EW-2006	0.7	0.9	1,126	9.1	25.4	24.0	On
EW-2007	1.7	2.0	2,495	8.1	21.8	24.0	On
EW-2008	0.6	0.7	743	2.5	24.3	24.0	On
EW-2009	1.1	1.2	1,541	3.3	24.6	24.0	On
EW-2010	0.3	0.5	270	5.6	23.5	15.2	On
EW-2011	0.4	0.5	345	9.0	22.0	17.1	On
EW-2012	0.4	0.4	184	12.4	15.9	10.5	On
EW-2013	0.0	0.6	401	17.9	15.9	18.4	Off
EW-2014	1.1	1.8	1,499	12.9	22.2	24.0	On
EW-2015	0.5	0.7	554	11.8	16.5	20.6	On
EW-2016	0.6	0.6	753	10.4	---	23.6	On
EW-2017	1.4	1.5	1,938	12.2	---	24.0	On
EW-2018	0.6	0.9	855	10.8	---	24.0	On
EW-2019	0.3	0.4	193	13.3	---	10.6	On
EW-2020	0.4	0.5	311	10.7	---	16.1	On
EW-2021	0.4	0.4	242	11.7	---	12.7	On
EW-2022	0.4	0.5	464	11.7	---	21.5	On
EW-2023	0.5	0.6	456	11.1	---	18.0	On
EW-2024	0.0	0.5	267	9.8	---	13.4	Off
EW-2025	0.8	1.0	1,145	10.8	---	24.0	On
EW-2026	0.6	0.9	799	10.2	---	24.0	On
EW-2027	0.8	1.0	1,122	7.8	---	24.0	On
EW-2028	0.7	1.0	1,010	8.8	---	24.0	On
EW-2029	0.8	1.0	1,133	6.8	---	24.0	On
EW-2030	1.5	7.4	1,884	10.1	---	22.0	On
EW-2031	1.5	1.6	2,089	10.8	---	24.0	On
EW-2032	0.0	0.7	558	18.4	---	21.2	Off
EW-2033	0.5	1.1	693	10.0	---	24.0	On
EW-2034	0.8	1.9	1,142	8.1	29.2	24.0	On
EW-2035	0.0	1.2	1,363	19.4	-3.2	21.2	Off
EW-2036	0.8	1.2	1,192	12.7	38.2	24.0	On
EW-2037	0.7	2.2	992	3.8	43.4	24.0	On
EW-2101	17.4	22.7	19,249	11.1	68.5	24.0	On
EW-2102	16.9	18.8	19,034	15.3	71.7	24.0	On
EW-2103	13.1	15.2	18,792	16.5	48.8	24.0	On
EW-2104	39.7	40.4	40,712	13.6	62.8	24.0	On
EW-3001	0.0	0.0	0	1.8	15.5	0.0	Off
EW-3002	0.0	0.6	375	1.7	14.3	17.1	Off
EW-3003	0.0	0.0	0	4.3	14.3	0.0	Off

Daily Log

June 28, 2016 12AM to June 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.6	639	0.0	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.3	1,372	-0.9	---	24.0	On
EW-3008	0.5	0.6	639	-0.6	---	24.0	On
EW-3009	3.0	3.4	4,438	-1.4	---	24.0	On
EW-3010	1.0	1.2	1,473	-2.4	---	24.0	On
EW-3011	0.3	0.8	53	0.0	28.2	2.4	On
EW-3012	0.6	2.3	729	-4.5	34.0	24.0	On
EW-3013	1.0	2.7	1,416	-6.3	44.2	24.0	On
EW-3014	0.0	0.6	222	-8.4	50.2	12.1	Off
EW-3015	1.1	5.2	1,450	-6.1	58.7	23.9	On
EW-3016	0.8	3.1	1,199	-6.7	64.9	23.9	On
EW-3017	0.0	0.7	152	-6.1	66.7	8.1	Off
EW-3018	0.0	0.6	90	-9.6	66.5	5.2	Off
EW-3019	0.0	1.7	689	11.4	67.1	16.9	Off
EW-3020	3.5	3.6	4,975	-1.9	44.0	24.0	On
EW-3021	0.4	0.7	471	-0.3	34.7	22.6	On
EW-3022	0.5	1.6	801	-2.4	43.4	24.0	On
EW-3023	2.5	3.1	3,580	-6.4	33.6	24.0	On
EW-3024	0.5	0.6	616	1.0	---	23.8	On
EW-3025	2.7	4.1	4,047	-4.5	46.1	24.0	On
EW-3026	3.2	5.4	3,254	-9.0	47.4	17.0	On
EW-3027	0.3	0.7	435	0.3	---	24.0	On
EW-4001	1.9	2.6	2,915	-1.8	38.4	24.0	On
EW-4002	2.1	7.0	2,158	-47.2	16.2	16.9	On
EW-4003	2.0	2.2	2,880	-26.1	---	24.0	On
EW-4004	1.6	1.8	2,298	-12.0	17.0	24.0	On
EW-4005	2.0	2.2	2,839	-15.9	---	24.0	On
EW-4006	1.4	5.8	1,921	-51.0	40.1	22.0	On
EW-4007	1.0	1.2	1,433	-7.8	44.5	24.0	On
EW-4008	2.0	2.8	2,883	-7.4	47.0	24.0	On
EW-4009	1.0	1.4	1,468	-31.4	45.3	24.0	On
EW-4010	2.0	2.5	3,099	0.2	53.6	24.0	On
EW-4011	2.1	2.5	3,158	-23.4	53.7	24.0	On
EW-5001	2.0	2.2	2,863	-22.5	---	24.0	On
EW-5002	0.0	0.0	0	3.6	17.0	0.0	Off
EW Totals	**156.9**		**197,348**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	196.9	162 GPM
FIT-500	204 GPM	163.6	242 GPM
Effluent Temp	94.9 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 28, 2016 12AM to June 29, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	33.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 28, 2016 12AM to June 29, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	49.0
Permeate Flow	FIT-642	0 GPM	35.2
Concentrate Flow	FIT-643	0 GPM	12.9

Inlet Conductivity	CIT-630	822.6 µS
Outlet Conductivity	CIT-642	75.3 µS
Hours Run		7.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 29, 2016 12AM to June 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.9	2,532	1.4	44.8	23.3	On
EW-2002	0.8	5.2	1,112	5.3	43.9	23.3	On
EW-2003	1.2	3.9	1,592	4.7	36.2	22.9	On
EW-2004	0.6	0.6	715	7.4	31.3	23.3	On
EW-2005	0.4	0.5	583	7.7	29.3	23.3	On
EW-2006	1.0	1.0	1,018	6.7	26.2	23.3	On
EW-2007	1.7	5.0	2,433	8.0	22.8	23.3	On
EW-2008	0.5	2.8	729	2.5	24.9	23.3	On
EW-2009	1.1	2.6	1,492	3.3	25.2	23.3	On
EW-2010	0.3	0.7	263	5.6	24.1	14.6	On
EW-2011	0.3	0.7	339	9.1	22.7	16.8	On
EW-2012	0.0	0.5	182	13.3	17.0	10.3	Off
EW-2013	0.3	0.6	383	18.2	17.2	17.8	On
EW-2014	1.0	4.5	1,468	12.7	24.2	23.3	On
EW-2015	0.5	0.7	535	14.7	18.0	20.1	On
EW-2016	0.4	0.7	724	10.8	---	22.9	On
EW-2017	1.3	4.6	1,914	12.0	---	23.3	On
EW-2018	0.4	7.6	843	10.8	---	23.3	On
EW-2019	0.3	0.5	182	13.0	---	10.0	On
EW-2020	0.3	0.5	305	11.9	---	15.6	On
EW-2021	0.3	0.5	240	13.7	---	12.6	On
EW-2022	0.3	0.5	447	13.1	---	20.6	On
EW-2023	0.4	0.6	447	12.6	---	17.6	On
EW-2024	0.3	0.6	264	10.1	---	13.1	On
EW-2025	0.6	7.1	1,128	10.9	---	23.3	On
EW-2026	0.3	7.4	791	10.2	---	23.3	On
EW-2027	0.6	7.4	1,110	7.9	---	23.3	On
EW-2028	0.5	7.3	1,000	8.9	---	23.3	On
EW-2029	0.6	7.4	1,116	6.9	---	23.3	On
EW-2030	1.3	7.3	2,016	10.1	---	23.3	On
EW-2031	1.4	7.6	2,067	10.8	---	23.3	On
EW-2032	0.3	6.9	598	9.1	---	21.0	On
EW-2033	0.3	7.5	696	10.1	---	23.3	On
EW-2034	0.8	4.6	1,162	8.0	30.1	23.3	On
EW-2035	1.1	2.2	1,377	6.4	22.6	21.0	On
EW-2036	0.8	4.0	1,151	12.6	41.7	23.2	On
EW-2037	0.6	5.6	968	3.6	47.6	23.3	On
EW-2101	16.9	19.4	23,745	11.2	70.1	23.3	On
EW-2102	16.4	17.5	23,108	15.3	72.8	23.3	On
EW-2103	13.1	16.7	18,251	16.5	53.1	23.3	On
EW-2104	42.7	43.7	56,847	13.4	70.0	23.2	On
EW-3001	0.0	0.0	0	1.8	16.8	0.0	Off
EW-3002	0.3	0.5	269	1.4	15.8	13.0	On
EW-3003	0.0	0.0	0	4.3	15.7	0.0	Off

Daily Log

June 29, 2016 12AM to June 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	8	1.2	---	0.5	Off
EW-3005	0.3	0.6	620	-0.1	---	23.3	On
EW-3006	0.0	0.5	4	1.4	---	0.2	Off
EW-3007	0.8	6.0	1,317	-1.0	---	23.3	On
EW-3008	0.3	1.1	623	-0.8	---	23.3	On
EW-3009	3.2	6.8	4,262	-1.6	---	23.3	On
EW-3010	0.9	6.0	1,414	-2.4	---	23.3	On
EW-3011	0.0	86.2	105	0.1	29.2	3.8	Off
EW-3012	0.5	5.7	559	-4.4	34.9	17.3	On
EW-3013	1.0	4.4	1,399	-6.3	45.2	23.3	On
EW-3014	0.0	0.8	222	-8.3	51.4	11.9	Off
EW-3015	1.0	5.3	1,428	-6.0	60.1	23.2	On
EW-3016	0.8	3.4	1,177	-6.7	66.4	23.2	On
EW-3017	0.3	0.9	152	-6.4	68.6	7.9	On
EW-3018	0.0	0.6	88	-9.4	68.4	5.3	Off
EW-3019	0.9	5.0	782	-2.2	69.2	13.7	On
EW-3020	3.5	5.5	4,867	-2.2	44.0	23.3	On
EW-3021	0.0	0.7	430	0.0	36.9	20.9	Off
EW-3022	0.5	3.7	729	-2.6	46.0	23.3	On
EW-3023	2.6	3.5	3,508	-6.6	34.2	23.2	On
EW-3024	0.3	0.6	571	0.8	---	22.7	On
EW-3025	2.7	4.0	3,679	-4.6	48.9	23.3	On
EW-3026	3.3	4.1	4,432	-9.2	50.2	23.3	On
EW-3027	0.3	0.7	423	0.2	---	23.3	On
EW-4001	2.2	2.6	2,741	-2.2	41.9	23.3	On
EW-4002	2.0	6.6	2,924	-47.1	17.3	23.3	On
EW-4003	1.8	3.4	2,729	-24.4	---	23.3	On
EW-4004	1.5	1.8	2,245	-11.8	18.0	23.3	On
EW-4005	1.9	2.2	2,740	-15.1	---	23.3	On
EW-4006	1.4	4.1	1,999	-51.2	42.6	23.3	On
EW-4007	1.1	1.2	1,022	-7.9	47.2	17.2	On
EW-4008	2.1	2.8	2,796	-7.6	51.7	23.3	On
EW-4009	0.9	1.4	1,429	-25.4	46.2	23.3	On
EW-4010	2.4	2.5	2,860	0.1	60.5	23.3	On
EW-4011	2.2	2.5	2,965	-22.6	60.5	23.3	On
EW-5001	1.9	2.2	2,757	-21.3	---	23.3	On
EW-5002	0.0	0.0	0	3.6	22.8	0.0	Off
EW Totals	**158.4**		**220,148**				

	Value	Total (KGal)	Peak Flow
FIT-100	157 GPM	219.2	210 GPM
FIT-500	201 GPM	185.4	242 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 29, 2016 12AM to June 30, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	30 GPM	36.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 29, 2016 12AM to June 30, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	53.8
Permeate Flow	FIT-642	0 GPM	38.6
Concentrate Flow	FIT-643	0 GPM	14.2

Inlet Conductivity	CIT-630	846.9 µS
Outlet Conductivity	CIT-642	35.3 µS
Hours Run		8.7 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

June 30, 2016 12AM to July 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.6	1,903	1.4	41.7	17.2	On
EW-2002	0.8	3.8	832	5.4	40.8	17.2	On
EW-2003	1.2	2.9	1,217	4.7	33.1	17.2	On
EW-2004	0.6	0.7	610	7.2	28.2	17.2	On
EW-2005	0.5	0.6	458	7.9	26.3	17.2	On
EW-2006	1.0	1.1	999	6.8	23.4	17.2	On
EW-2007	1.7	4.6	1,809	8.0	20.0	17.2	On
EW-2008	0.5	3.2	551	2.5	22.0	17.2	On
EW-2009	1.0	2.5	1,103	3.3	22.3	17.2	On
EW-2010	0.3	0.7	200	6.5	21.2	11.0	On
EW-2011	0.3	0.7	256	9.0	19.7	12.7	On
EW-2012	0.0	0.4	184	12.3	14.7	10.7	Off
EW-2013	0.3	0.5	384	18.3	14.7	18.3	On
EW-2014	1.0	1.5	1,486	12.7	21.4	24.0	On
EW-2015	0.4	0.6	554	14.7	15.6	20.9	On
EW-2016	0.0	0.7	702	20.7	---	21.9	Off
EW-2017	1.4	1.5	1,966	12.1	---	24.0	On
EW-2018	0.6	1.2	858	11.0	---	24.0	On
EW-2019	0.0	0.5	184	12.9	---	10.1	Off
EW-2020	0.0	0.5	311	11.4	---	16.0	Off
EW-2021	0.3	0.5	245	12.8	---	12.9	On
EW-2022	0.3	0.5	459	12.9	---	21.5	On
EW-2023	0.4	0.6	457	12.5	---	18.2	On
EW-2024	0.0	0.6	265	11.9	---	13.1	Off
EW-2025	0.8	1.2	1,156	10.9	---	24.0	On
EW-2026	0.6	7.5	725	10.3	---	21.1	On
EW-2027	0.8	1.3	1,133	7.9	---	24.0	On
EW-2028	0.7	1.2	1,024	8.9	---	24.0	On
EW-2029	0.8	1.2	1,140	6.9	---	24.0	On
EW-2030	1.5	1.9	2,075	10.1	---	24.0	On
EW-2031	1.5	1.9	2,135	10.9	---	24.0	On
EW-2032	0.5	0.9	662	9.2	---	24.0	On
EW-2033	0.5	1.1	712	10.1	---	24.0	On
EW-2034	0.0	3.9	829	9.1	17.7	10.6	Off
EW-2035	1.1	2.0	1,130	6.4	20.1	17.2	On
EW-2036	0.8	1.3	1,160	12.8	37.3	24.0	On
EW-2037	0.7	1.7	969	3.6	43.2	24.0	On
EW-2101	15.1	26.1	17,781	11.7	32.7	17.3	On
EW-2102	15.9	22.0	17,717	15.4	37.0	17.3	On
EW-2103	13.1	18.1	20,358	16.4	48.1	24.0	On
EW-2104	40.0	43.3	60,027	13.2	62.8	24.0	On
EW-3001	0.0	0.0	0	1.8	14.6	0.0	Off
EW-3002	0.0	0.5	329	2.3	13.6	15.5	Off
EW-3003	0.0	0.0	0	4.3	13.6	0.0	Off

Daily Log

June 30, 2016 12AM to July 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	7	1.2	---	0.8	Off
EW-3005	0.0	0.6	534	0.4	---	19.6	Off
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.3	1,436	-0.9	---	24.0	On
EW-3008	0.5	0.6	658	-0.7	---	24.0	On
EW-3009	3.1	3.8	4,685	-1.4	---	24.0	On
EW-3010	1.0	1.5	1,573	-2.4	---	24.0	On
EW-3011	0.0	2.6	15	0.0	17.3	0.2	Off
EW-3012	0.6	6.3	562	-5.0	18.7	17.3	On
EW-3013	1.1	5.5	1,042	-6.3	22.1	17.3	On
EW-3014	0.0	0.8	181	-7.9	24.3	9.0	Off
EW-3015	1.1	5.2	1,087	-6.1	28.3	17.3	On
EW-3016	0.9	2.8	898	-6.9	31.1	17.3	On
EW-3017	0.0	0.8	129	-5.6	31.4	6.4	Off
EW-3018	0.0	0.6	79	-9.7	31.1	4.6	Off
EW-3019	1.0	4.8	990	-2.2	31.9	17.3	On
EW-3020	3.5	6.6	3,650	-2.2	41.0	17.3	On
EW-3021	0.4	0.7	461	-0.3	33.6	22.4	On
EW-3022	0.5	0.9	754	-2.4	41.9	24.0	On
EW-3023	2.7	3.5	2,783	-6.3	20.5	17.3	On
EW-3024	0.5	0.6	621	0.8	---	23.6	On
EW-3025	2.6	2.9	3,784	-4.3	44.5	24.0	On
EW-3026	3.1	3.4	4,579	-8.9	45.8	24.0	On
EW-3027	0.6	0.7	435	0.3	---	24.0	On
EW-4001	1.9	2.5	2,870	-2.0	37.6	24.0	On
EW-4002	2.1	2.3	2,975	-47.1	14.8	24.0	On
EW-4003	2.1	2.2	2,922	-28.5	---	24.0	On
EW-4004	0.0	1.9	1,239	2.7	15.0	12.9	Off
EW-4005	2.2	2.2	2,947	-18.2	---	24.0	On
EW-4006	1.4	1.9	2,024	-51.1	38.7	24.0	On
EW-4007	0.9	1.2	1,414	-7.7	43.0	24.0	On
EW-4008	2.0	2.7	2,896	-7.2	46.5	24.0	On
EW-4009	1.1	1.5	1,037	-31.3	24.3	17.3	On
EW-4010	2.3	2.5	3,354	-0.2	55.2	24.0	On
EW-4011	2.2	2.5	3,123	-24.8	55.3	24.0	On
EW-5001	2.1	2.2	2,941	-24.8	---	24.0	On
EW-5002	0.0	0.0	0	3.5	20.3	0.0	Off
EW Totals	**152.9**		**209,738**				

	Value	Total (KGal)	Peak Flow
FIT-100	152 GPM	208.0	199 GPM
FIT-500	202 GPM	174.6	239 GPM
Effluent Temp	95.6 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

June 30, 2016 12AM to July 1, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	37.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

June 30, 2016 12AM to July 1, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	54.2
Permeate Flow	FIT-642	0 GPM	39.0
Concentrate Flow	FIT-643	0 GPM	14.2

Inlet Conductivity	CIT-630	802.4 µS
Outlet Conductivity	CIT-642	102.2 µS
Hours Run		8.8 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 1, 2016 12AM to July 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,589	1.5	42.9	24.0	On
EW-2002	0.8	1.0	1,115	5.6	42.0	24.0	On
EW-2003	1.1	1.3	1,629	5.1	34.4	24.0	On
EW-2004	0.5	0.6	751	8.2	29.7	24.0	On
EW-2005	0.5	0.5	596	8.4	27.9	24.0	On
EW-2006	0.7	1.0	1,150	8.7	25.0	24.0	On
EW-2007	1.7	2.0	2,464	8.2	21.9	24.0	On
EW-2008	0.6	0.7	744	2.4	24.0	24.0	On
EW-2009	1.1	1.1	1,529	3.2	24.3	24.0	On
EW-2010	0.0	0.4	262	6.3	23.2	14.8	Off
EW-2011	0.4	0.5	339	8.4	21.7	16.6	On
EW-2012	0.3	0.4	180	12.6	15.6	10.5	On
EW-2013	0.4	0.6	380	18.3	15.7	18.2	On
EW-2014	1.1	1.9	1,484	12.9	21.3	24.0	On
EW-2015	0.0	0.7	551	14.6	15.8	20.8	Off
EW-2016	0.6	0.9	678	10.9	---	21.1	On
EW-2017	1.4	1.5	1,955	12.3	---	24.0	On
EW-2018	0.0	1.0	794	20.1	---	22.3	Off
EW-2019	0.3	0.4	184	11.6	---	10.1	On
EW-2020	0.0	0.4	310	11.9	---	16.2	Off
EW-2021	0.4	0.4	244	12.5	---	12.9	On
EW-2022	0.4	0.5	463	11.4	---	21.8	On
EW-2023	0.0	0.5	461	13.0	---	18.5	Off
EW-2024	0.0	0.5	268	10.8	---	13.5	Off
EW-2025	1.0	1.1	1,148	11.0	---	24.0	On
EW-2026	0.8	1.0	824	10.3	---	24.0	On
EW-2027	1.0	1.1	1,125	7.9	---	24.0	On
EW-2028	0.9	1.1	1,016	8.9	---	24.0	On
EW-2029	1.0	1.1	1,130	6.9	---	24.0	On
EW-2030	1.5	1.7	2,053	10.4	---	24.0	On
EW-2031	1.6	1.7	2,108	11.1	---	24.0	On
EW-2032	0.7	0.8	654	9.2	---	24.0	On
EW-2033	0.8	0.9	709	10.1	---	24.0	On
EW-2034	0.0	3.5	1,077	9.6	21.8	7.3	Off
EW-2035	1.1	1.4	1,555	6.6	22.1	24.0	On
EW-2036	0.8	3.9	1,013	12.7	37.3	21.2	On
EW-2037	0.7	2.4	957	3.9	42.4	24.0	On
EW-2101	20.0	22.5	25,979	9.9	45.4	24.0	On
EW-2102	20.4	20.9	26,493	14.9	52.4	24.0	On
EW-2103	13.1	15.3	18,755	16.3	46.8	24.0	On
EW-2104	40.1	43.3	55,355	13.2	61.6	24.0	On
EW-3001	0.0	0.0	0	1.8	15.6	0.0	Off
EW-3002	0.4	0.5	291	1.6	14.4	14.6	On
EW-3003	0.0	0.0	0	4.3	14.2	0.0	Off

Daily Log

July 1, 2016 12AM to July 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	624	0.2	---	23.5	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.1	3.0	1,133	-0.8	---	21.2	On
EW-3008	0.5	0.6	639	-0.4	---	24.0	On
EW-3009	3.3	3.3	4,441	-1.4	---	24.0	On
EW-3010	1.2	1.3	1,435	-2.2	---	24.0	On
EW-3011	1.8	2.6	112	0.3	21.4	1.0	On
EW-3012	0.4	0.8	767	-2.0	23.5	24.0	On
EW-3013	1.2	1.8	1,406	-6.4	28.6	24.0	On
EW-3014	0.0	0.5	223	-7.8	31.8	10.8	Off
EW-3015	1.1	2.2	1,445	-6.2	38.5	24.0	On
EW-3016	0.8	1.5	1,195	-6.6	42.2	24.0	On
EW-3017	0.4	0.7	151	-6.7	43.4	7.4	On
EW-3018	0.0	0.5	89	-9.7	43.2	5.3	Off
EW-3019	1.1	2.3	1,339	-2.4	43.9	24.0	On
EW-3020	3.4	3.5	4,953	-2.1	42.1	24.0	On
EW-3021	0.4	0.7	465	-0.1	33.6	22.9	On
EW-3022	0.5	1.4	699	-2.2	42.1	24.0	On
EW-3023	0.0	2.9	3,441	4.8	22.2	22.3	Off
EW-3024	0.5	0.6	599	1.3	---	23.5	On
EW-3025	2.6	3.4	3,739	-4.3	44.7	24.0	On
EW-3026	3.1	3.8	4,513	-8.9	46.0	24.0	On
EW-3027	0.0	0.7	436	0.4	---	24.0	On
EW-4001	2.2	2.6	2,871	-2.4	37.5	24.0	On
EW-4002	2.1	2.3	2,966	-46.9	15.8	24.0	On
EW-4003	2.1	2.2	2,960	-27.8	---	24.0	On
EW-4004	1.7	1.7	1,686	-11.8	17.3	17.6	On
EW-4005	2.1	2.2	2,913	-16.5	---	24.0	On
EW-4006	1.4	2.3	2,006	-51.1	38.9	24.0	On
EW-4007	1.0	1.2	1,439	-7.5	43.3	24.0	On
EW-4008	0.0	2.8	2,322	0.1	44.9	19.4	Off
EW-4009	1.0	1.3	1,484	-30.8	30.4	24.0	On
EW-4010	2.3	2.5	3,178	-0.1	54.2	24.0	On
EW-4011	2.2	2.5	3,054	-24.2	54.3	24.0	On
EW-5001	2.1	2.2	2,940	-23.9	---	24.0	On
EW-5002	0.0	2.4	14	3.5	22.3	0.1	Off
EW Totals	**164.0**		**227,040**				

	Value	Total (KGal)	Peak Flow
FIT-100	164 GPM	226.1	171 GPM
FIT-500	201 GPM	187.7	243 GPM
Effluent Temp	94.3 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 1, 2016 12AM to July 2, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	38.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 1, 2016 12AM to July 2, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	57.1
Permeate Flow	FIT-642	0 GPM	41.1
Concentrate Flow	FIT-643	0 GPM	15.0

Inlet Conductivity	CIT-630	884.3 µS
Outlet Conductivity	CIT-642	62.2 µS
Hours Run		9.8 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 2, 2016 12AM to July 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,570	1.8	44.0	24.0	On
EW-2002	0.7	0.9	1,095	5.6	43.2	24.0	On
EW-2003	1.1	1.2	1,611	5.1	36.2	24.0	On
EW-2004	0.4	0.5	696	8.7	31.7	24.0	On
EW-2005	0.3	0.5	582	8.6	30.0	24.0	On
EW-2006	0.6	0.8	1,010	9.4	27.4	24.0	On
EW-2007	1.6	1.8	2,427	8.3	24.6	24.0	On
EW-2008	0.5	0.7	738	2.6	27.3	24.0	On
EW-2009	1.1	1.1	1,525	3.4	27.4	24.0	On
EW-2010	0.3	0.5	259	6.4	26.3	14.6	On
EW-2011	0.3	0.5	336	8.3	24.7	17.0	On
EW-2012	0.0	0.4	178	12.9	18.4	10.4	Off
EW-2013	0.3	0.5	369	17.8	18.5	17.8	On
EW-2014	1.0	1.2	1,488	13.1	25.0	24.0	On
EW-2015	0.4	0.6	555	13.3	19.3	21.1	On
EW-2016	0.5	0.7	762	10.9	---	24.0	On
EW-2017	1.3	1.5	1,961	12.3	---	24.0	On
EW-2018	0.6	7.6	731	11.2	---	20.1	On
EW-2019	0.0	0.4	183	11.7	---	10.2	Off
EW-2020	0.3	0.5	313	11.1	---	16.5	On
EW-2021	0.3	0.4	242	13.8	---	12.9	On
EW-2022	0.3	0.5	460	11.8	---	21.6	On
EW-2023	0.0	0.5	421	18.3	---	17.0	Off
EW-2024	0.3	0.5	267	11.8	---	13.3	On
EW-2025	0.8	1.0	1,144	11.1	---	24.0	On
EW-2026	0.6	0.9	816	10.6	---	24.0	On
EW-2027	0.8	1.0	1,117	8.2	---	24.0	On
EW-2028	0.7	1.0	1,008	9.2	---	24.0	On
EW-2029	0.8	1.0	1,122	7.2	---	24.0	On
EW-2030	1.4	1.6	2,045	10.5	---	24.0	On
EW-2031	1.4	1.6	2,095	11.2	---	24.0	On
EW-2032	0.4	0.8	652	9.5	---	24.0	On
EW-2033	0.5	0.9	710	10.4	---	24.0	On
EW-2034	3.0	3.4	1,062	8.7	30.2	7.6	On
EW-2035	1.0	1.1	1,551	6.7	24.7	24.0	On
EW-2036	0.8	0.9	1,132	12.8	41.1	24.0	On
EW-2037	0.6	5.0	863	4.0	46.9	21.3	On
EW-2101	17.9	20.2	26,715	10.4	45.3	24.0	On
EW-2102	20.2	21.0	29,539	14.8	52.7	24.0	On
EW-2103	12.8	13.3	18,756	16.3	51.6	24.0	On
EW-2104	40.1	40.3	57,607	13.1	66.1	24.0	On
EW-3001	0.0	0.0	0	1.8	18.4	0.0	Off
EW-3002	0.3	0.5	266	1.6	17.4	13.3	On
EW-3003	0.0	0.0	0	4.3	17.3	0.0	Off

Daily Log

July 2, 2016 12AM to July 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.3	0.6	615	0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	2.0	1,352	-0.6	---	24.0	On
EW-3008	0.3	0.6	625	-0.4	---	24.0	On
EW-3009	2.9	3.4	4,409	-1.3	---	24.0	On
EW-3010	0.9	1.2	1,415	-2.0	---	24.0	On
EW-3011	0.0	2.6	60	0.2	24.4	0.6	Off
EW-3012	0.4	0.7	765	-4.3	26.3	24.0	On
EW-3013	1.0	1.3	1,402	-6.1	30.9	24.0	On
EW-3014	0.3	0.5	223	-8.4	33.7	11.1	On
EW-3015	0.0	1.2	1,253	8.8	39.3	21.0	Off
EW-3016	0.9	1.1	1,201	-6.5	42.9	24.0	On
EW-3017	0.0	0.7	149	-7.3	43.7	7.3	Off
EW-3018	0.0	0.5	87	-9.6	43.5	5.3	Off
EW-3019	0.9	1.2	1,333	-2.2	44.1	24.0	On
EW-3020	3.4	3.5	4,926	-1.8	43.4	24.0	On
EW-3021	0.3	0.5	464	0.3	37.1	22.8	On
EW-3022	0.4	4.5	692	-2.2	45.4	22.2	On
EW-3023	2.5	3.4	3,684	-6.4	28.0	23.3	On
EW-3024	0.3	0.6	597	1.3	---	23.9	On
EW-3025	2.6	5.5	3,088	-4.4	48.0	19.5	On
EW-3026	3.1	3.9	4,595	-9.1	49.2	24.0	On
EW-3027	0.2	0.7	435	0.3	---	24.0	On
EW-4001	2.0	2.2	2,855	-2.3	41.3	24.0	On
EW-4002	2.0	2.2	2,949	-46.8	18.6	24.0	On
EW-4003	1.8	2.2	2,909	-26.1	---	24.0	On
EW-4004	1.4	1.8	2,301	-11.5	20.2	24.0	On
EW-4005	1.8	2.2	2,855	-15.7	---	24.0	On
EW-4006	1.4	2.0	1,997	-50.9	42.3	24.0	On
EW-4007	1.0	1.2	1,424	-8.0	46.6	24.0	On
EW-4008	2.0	2.2	2,104	-7.5	50.2	17.8	On
EW-4009	0.9	1.1	1,480	-31.6	32.7	24.0	On
EW-4010	2.3	2.4	3,305	-0.2	59.2	24.0	On
EW-4011	2.3	2.5	3,082	-25.8	59.4	24.0	On
EW-5001	1.8	2.2	2,892	-22.6	---	24.0	On
EW-5002	0.0	0.0	0	3.5	25.0	0.0	Off
EW Totals	**160.5**		**232,505**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	231.7	169 GPM
FIT-500	234 GPM	193.7	242 GPM
Effluent Temp	94.5 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 2, 2016 12AM to July 3, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	40.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 2, 2016 12AM to July 3, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	60.8
Permeate Flow	FIT-642	70 GPM	43.8
Concentrate Flow	FIT-643	25 GPM	16.0

Inlet Conductivity	CIT-630	825.2 µS
Outlet Conductivity	CIT-642	23.2 µS
Hours Run		10.2 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	95.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 3, 2016 12AM to July 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.7	1.8	2,552	1.8	42.0	24.0	On
EW-2002	0.8	0.9	1,093	5.5	41.3	24.0	On
EW-2003	1.1	1.2	1,597	5.1	34.0	24.0	On
EW-2004	0.5	0.5	676	8.6	29.4	24.0	On
EW-2005	0.4	0.5	606	8.1	27.6	24.0	On
EW-2006	0.7	0.7	977	9.0	24.8	24.0	On
EW-2007	1.7	1.9	2,412	8.1	21.8	24.0	On
EW-2008	0.5	0.7	731	2.4	23.5	24.0	On
EW-2009	1.1	1.1	1,526	3.2	23.7	24.0	On
EW-2010	0.0	0.5	257	6.4	22.6	14.4	Off
EW-2011	0.0	0.5	333	8.6	21.1	17.0	Off
EW-2012	0.3	0.3	179	12.6	16.4	10.4	On
EW-2013	0.3	0.6	358	18.1	16.5	17.4	On
EW-2014	1.0	1.3	1,486	12.8	22.8	24.0	On
EW-2015	0.3	0.6	550	13.5	17.0	20.9	On
EW-2016	0.5	0.7	783	10.3	---	24.0	On
EW-2017	1.3	1.6	1,956	12.2	---	24.0	On
EW-2018	0.6	0.9	861	11.2	---	24.0	On
EW-2019	0.0	0.5	181	13.0	---	10.1	Off
EW-2020	0.3	0.5	308	10.5	---	16.0	On
EW-2021	0.0	0.4	242	13.9	---	12.9	Off
EW-2022	0.3	0.5	456	11.7	---	21.2	On
EW-2023	0.0	0.6	450	11.9	---	18.1	Off
EW-2024	0.3	0.6	268	9.8	---	13.3	On
EW-2025	0.8	1.0	1,144	10.9	---	24.0	On
EW-2026	0.5	0.9	815	10.5	---	24.0	On
EW-2027	0.7	1.0	1,116	8.0	---	24.0	On
EW-2028	0.7	1.0	1,007	9.1	---	24.0	On
EW-2029	0.7	1.1	1,121	7.2	---	24.0	On
EW-2030	1.4	1.6	2,045	10.2	---	24.0	On
EW-2031	1.4	1.6	2,087	10.9	---	24.0	On
EW-2032	0.4	0.7	651	9.4	---	24.0	On
EW-2033	0.4	1.0	707	10.4	---	24.0	On
EW-2034	2.1	3.3	1,052	7.7	23.7	7.4	On
EW-2035	1.1	1.2	1,551	6.6	21.9	24.0	On
EW-2036	0.8	0.9	1,107	12.7	39.3	24.0	On
EW-2037	0.6	1.0	945	3.9	45.0	24.0	On
EW-2101	13.9	18.2	23,213	11.7	39.9	24.0	On
EW-2102	20.5	21.2	28,869	14.7	48.9	24.0	On
EW-2103	13.1	13.3	18,776	16.3	49.8	24.0	On
EW-2104	40.0	40.3	57,608	13.0	64.3	24.0	On
EW-3001	0.0	0.0	0	1.8	16.3	0.0	Off
EW-3002	0.3	0.5	223	1.4	15.3	11.7	On
EW-3003	0.0	0.0	0	4.3	15.1	0.0	Off

Daily Log

July 3, 2016 12AM to July 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.4	0.6	643	0.0	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.4	1,279	-0.9	---	24.0	On
EW-3008	0.4	0.6	649	-0.7	---	24.0	On
EW-3009	2.9	3.2	4,257	-1.4	---	24.0	On
EW-3010	0.9	1.2	1,360	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	0.1	20.9	0.0	Off
EW-3012	0.5	0.7	766	-5.0	22.7	24.0	On
EW-3013	0.9	1.4	1,394	-6.2	27.1	24.0	On
EW-3014	0.0	0.6	220	-7.5	29.8	10.8	On
EW-3015	1.0	5.5	1,378	-5.9	35.1	22.8	On
EW-3016	0.9	1.2	1,203	-6.5	38.5	24.0	On
EW-3017	0.4	0.9	147	-6.8	39.1	7.3	On
EW-3018	0.0	0.7	87	-9.8	38.8	5.2	Off
EW-3019	1.0	1.4	1,329	-2.1	39.6	24.0	On
EW-3020	3.4	3.4	4,873	-1.9	41.4	24.0	On
EW-3021	0.3	0.5	428	-0.1	35.1	21.5	On
EW-3022	0.5	0.8	692	-2.4	43.3	24.0	On
EW-3023	2.5	2.6	3,628	-6.6	24.8	24.0	On
EW-3024	0.4	0.6	585	1.0	---	23.3	On
EW-3025	2.6	2.8	3,747	-4.4	45.9	24.0	On
EW-3026	3.1	3.2	4,494	-9.0	47.2	24.0	On
EW-3027	0.5	0.7	436	0.2	---	24.0	On
EW-4001	2.1	2.2	3,075	-2.6	39.5	24.0	On
EW-4002	2.0	2.3	2,937	-46.8	16.5	24.0	On
EW-4003	2.0	2.2	2,917	-27.7	---	24.0	On
EW-4004	1.6	1.8	2,369	-12.1	17.3	24.0	On
EW-4005	2.0	2.2	2,950	-17.6	---	24.0	On
EW-4006	1.4	1.6	1,972	-50.9	40.2	24.0	On
EW-4007	1.0	1.1	1,474	-8.1	44.5	24.0	On
EW-4008	2.0	2.2	2,973	-7.7	48.3	24.0	On
EW-4009	1.0	1.2	1,480	-32.3	29.0	24.0	On
EW-4010	2.4	2.4	3,399	-0.4	57.7	24.0	On
EW-4011	2.3	2.4	3,294	-26.6	57.9	24.0	On
EW-5001	2.0	2.2	2,939	-23.9	---	24.0	On
EW-5002	0.0	0.0	0	3.4	22.2	0.0	Off
EW Totals	**158.4**		**230,250**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	229.5	172 GPM
FIT-500	202 GPM	186.7	241 GPM
Effluent Temp	96.8 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

July 3, 2016 12AM to July 4, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	30 GPM	40.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 3, 2016 12AM to July 4, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	72 GPM	56.9
Permeate Flow	FIT-642	61 GPM	41.0
Concentrate Flow	FIT-643	9 GPM	14.9

Inlet Conductivity	CIT-630	799.8 µS
Outlet Conductivity	CIT-642	112.9 µS
Hours Run		10.0 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 4, 2016 12AM to July 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	0.0	1.8	2,083	15.8	30.9	19.8	Off
EW-2002	0.8	1.6	1,085	5.4	30.8	24.0	On
EW-2003	1.1	1.4	1,584	5.1	27.5	24.0	On
EW-2004	0.5	0.5	667	8.1	24.6	24.0	On
EW-2005	0.4	0.5	587	8.3	23.5	24.0	On
EW-2006	0.8	0.8	983	7.9	21.8	24.0	On
EW-2007	1.7	1.9	2,399	8.1	19.6	24.0	On
EW-2008	0.5	0.7	728	2.4	20.0	24.0	On
EW-2009	0.6	1.1	1,257	18.1	20.2	19.8	Off
EW-2010	0.0	0.5	256	6.2	19.5	14.4	Off
EW-2011	0.0	0.5	329	9.3	18.0	16.4	Off
EW-2012	0.3	0.5	179	12.2	16.6	10.3	On
EW-2013	0.4	0.6	355	17.5	16.6	17.0	On
EW-2014	1.0	1.3	1,476	12.9	22.7	24.0	On
EW-2015	0.4	0.6	548	12.5	16.9	21.1	On
EW-2016	0.5	0.7	739	10.9	---	23.9	On
EW-2017	1.3	1.5	1,940	12.3	---	24.0	On
EW-2018	0.6	1.0	852	10.8	---	24.0	On
EW-2019	0.3	0.4	185	12.1	---	10.1	On
EW-2020	0.3	0.5	305	11.6	---	16.0	On
EW-2021	0.3	0.4	242	13.4	---	12.8	On
EW-2022	0.4	0.5	454	11.5	---	21.5	On
EW-2023	0.3	0.5	468	13.1	---	18.9	On
EW-2024	0.4	0.5	264	10.7	---	13.3	On
EW-2025	0.8	1.0	1,129	10.8	---	24.0	On
EW-2026	0.6	1.0	804	10.2	---	24.0	On
EW-2027	0.8	1.1	1,105	7.8	---	24.0	On
EW-2028	0.7	1.0	995	8.8	---	24.0	On
EW-2029	0.8	1.1	1,112	6.8	---	24.0	On
EW-2030	1.4	1.6	2,024	10.1	---	24.0	On
EW-2031	1.4	1.6	2,059	10.8	---	24.0	On
EW-2032	0.4	0.8	643	9.1	---	24.0	On
EW-2033	0.5	1.1	703	10.0	---	24.0	On
EW-2034	0.0	3.2	1,040	9.0	19.4	7.5	Off
EW-2035	1.1	1.1	1,539	6.6	21.0	24.0	On
EW-2036	0.8	1.3	1,089	12.9	39.0	24.0	On
EW-2037	0.7	1.6	937	3.9	44.6	24.0	On
EW-2101	13.1	18.1	18,408	12.2	36.1	24.0	On
EW-2102	18.0	21.7	27,963	14.8	42.7	24.0	On
EW-2103	13.0	13.5	18,742	16.2	49.5	24.0	On
EW-2104	39.9	40.4	57,601	12.9	64.2	24.0	On
EW-3001	0.0	0.0	0	1.8	16.6	0.0	Off
EW-3002	0.4	0.6	268	1.5	15.3	13.6	On
EW-3003	0.0	0.0	0	4.3	15.1	0.0	Off

Daily Log

July 4, 2016 12AM to July 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.4	0.6	593	0.0	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.2	1,281	-0.9	---	24.0	On
EW-3008	0.4	0.6	605	-0.6	---	24.0	On
EW-3009	2.9	3.1	4,171	-1.4	---	24.0	On
EW-3010	0.9	1.2	1,334	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.2	18.9	0.0	Off
EW-3012	0.6	0.8	765	-5.0	20.6	24.0	On
EW-3013	1.1	1.6	1,390	-6.2	24.6	24.0	On
EW-3014	0.4	0.5	220	-8.4	27.1	10.9	On
EW-3015	1.1	1.8	1,425	-6.1	31.6	24.0	On
EW-3016	0.9	1.6	1,192	-6.6	34.9	24.0	On
EW-3017	0.0	0.8	148	-7.5	35.2	7.2	Off
EW-3018	0.0	0.6	87	-9.7	35.0	5.1	Off
EW-3019	1.1	1.9	1,330	-2.4	35.8	24.0	On
EW-3020	3.3	3.6	4,825	-1.8	31.5	24.0	On
EW-3021	0.3	0.6	462	-0.2	35.0	22.8	On
EW-3022	0.5	1.5	684	-2.2	43.2	24.0	On
EW-3023	2.4	2.6	3,569	-6.3	22.5	24.0	On
EW-3024	0.4	0.6	581	1.1	---	23.9	On
EW-3025	2.6	3.4	3,708	-4.4	45.7	24.0	On
EW-3026	3.1	3.7	4,440	-9.0	47.0	24.0	On
EW-3027	0.4	0.7	435	0.2	---	24.0	On
EW-4001	2.1	2.2	2,763	-2.6	39.3	22.3	On
EW-4002	2.0	6.8	2,788	-47.2	16.9	22.3	On
EW-4003	2.0	3.2	2,615	-26.8	---	22.3	On
EW-4004	1.7	1.8	2,152	-12.2	16.0	22.3	On
EW-4005	2.0	2.2	2,649	-17.1	---	22.3	On
EW-4006	1.4	5.5	1,901	-51.0	40.1	22.3	On
EW-4007	1.0	1.1	1,303	-8.0	44.3	22.3	On
EW-4008	2.1	2.2	2,658	-7.6	48.0	22.3	On
EW-4009	1.1	1.3	1,365	-31.0	26.6	22.3	On
EW-4010	2.4	2.5	3,124	-0.4	56.5	22.3	On
EW-4011	2.1	2.4	2,937	-23.1	56.5	22.3	On
EW-5001	2.0	2.2	2,633	-22.9	---	22.3	On
EW-5002	0.0	0.0	0	3.6	21.2	0.0	Off
EW Totals	**153.1**		**220,258**				

	Value	Total (KGal)	Peak Flow
FIT-100	152 GPM	219.7	165 GPM
FIT-500	201 GPM	186.3	241 GPM
Effluent Temp	95.9 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 4, 2016 12AM to July 5, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	40.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 4, 2016 12AM to July 5, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	61.2
Permeate Flow	FIT-642	70 GPM	44.2
Concentrate Flow	FIT-643	25 GPM	16.0

Inlet Conductivity	CIT-630	839.4 µS
Outlet Conductivity	CIT-642	21.4 µS
Hours Run		10.5 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 5, 2016 12AM to July 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.2	1,996	1.6	44.9	18.2	On
EW-2002	0.8	5.3	1,082	5.4	44.1	23.5	On
EW-2003	1.1	4.3	1,568	4.9	36.7	23.5	On
EW-2004	0.6	0.6	746	7.3	32.0	23.5	On
EW-2005	0.4	0.6	577	7.9	30.2	23.5	On
EW-2006	1.0	1.0	1,187	6.5	27.3	23.5	On
EW-2007	1.8	5.2	2,447	8.0	23.9	23.5	On
EW-2008	0.5	2.8	718	2.6	25.9	23.4	On
EW-2009	1.0	3.0	1,161	3.3	26.2	18.0	On
EW-2010	0.3	0.7	253	6.1	25.2	14.0	On
EW-2011	0.3	0.7	327	9.5	23.6	15.9	On
EW-2012	0.3	0.5	177	12.2	17.5	10.1	On
EW-2013	0.3	0.6	342	18.4	17.6	16.4	On
EW-2014	1.0	4.5	1,447	12.7	24.7	23.4	On
EW-2015	0.4	0.7	541	12.4	18.5	20.6	On
EW-2016	0.5	0.7	733	10.4	---	23.5	On
EW-2017	1.4	4.6	1,911	12.1	---	23.5	On
EW-2018	0.6	7.5	843	11.0	---	23.5	On
EW-2019	0.3	0.5	188	10.9	---	10.2	On
EW-2020	0.3	0.5	306	12.0	---	15.7	On
EW-2021	0.0	0.5	242	13.7	---	12.6	Off
EW-2022	0.0	0.6	443	12.9	---	20.6	Off
EW-2023	0.0	0.6	463	11.3	---	18.5	Off
EW-2024	0.3	0.6	263	11.8	---	13.2	On
EW-2025	0.8	7.0	1,117	10.9	---	23.4	On
EW-2026	0.5	7.4	797	10.4	---	23.5	On
EW-2027	0.7	7.3	1,096	7.9	---	23.5	On
EW-2028	0.7	7.3	986	8.9	---	23.5	On
EW-2029	0.7	7.4	1,101	7.0	---	23.5	On
EW-2030	1.4	7.3	2,000	10.2	---	23.5	On
EW-2031	1.4	7.6	2,028	10.9	---	23.5	On
EW-2032	0.4	6.8	640	9.3	---	23.5	On
EW-2033	0.5	7.4	693	10.2	---	23.5	On
EW-2034	0.0	4.3	1,025	10.8	23.7	7.1	Off
EW-2035	1.1	2.2	1,514	6.5	23.9	23.5	On
EW-2036	0.8	5.0	1,064	12.7	41.5	23.4	On
EW-2037	0.6	6.6	922	3.6	47.3	23.4	On
EW-2101	20.1	22.0	21,294	10.0	48.0	23.5	On
EW-2102	18.7	19.9	22,058	14.9	53.5	23.5	On
EW-2103	13.1	17.2	14,178	16.3	53.2	18.1	On
EW-2104	42.4	44.0	47,932	13.0	70.1	23.4	On
EW-3001	0.0	0.0	0	1.8	17.3	0.0	Off
EW-3002	0.0	0.6	245	2.3	16.3	12.2	Off
EW-3003	0.0	0.0	0	4.3	16.2	0.0	Off

Daily Log

July 5, 2016 12AM to July 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	8	1.2	---	0.5	Off
EW-3005	0.4	0.6	588	-0.1	---	23.3	On
EW-3006	0.0	0.7	3	1.4	---	0.2	Off
EW-3007	0.9	5.9	1,208	-1.0	---	22.2	On
EW-3008	0.4	0.6	594	-0.8	---	23.3	On
EW-3009	3.0	6.9	4,282	-1.6	---	23.3	On
EW-3010	0.9	5.9	1,320	-2.3	---	23.3	On
EW-3011	0.0	1.9	39	0.0	23.3	1.7	Off
EW-3012	0.6	0.8	743	-5.2	25.9	23.3	On
EW-3013	1.0	5.9	1,373	-6.5	31.0	23.3	On
EW-3014	0.0	0.7	217	-7.6	34.3	10.6	Off
EW-3015	1.0	6.2	1,417	-6.3	40.7	23.3	On
EW-3016	0.8	3.7	1,184	-6.9	44.9	23.3	On
EW-3017	0.0	0.7	146	-6.8	46.0	7.2	Off
EW-3018	0.0	0.7	87	-9.5	45.7	4.8	Off
EW-3019	0.9	6.8	1,300	-2.5	0.0	22.7	On
EW-3020	3.4	6.2	4,763	-2.1	44.3	23.3	On
EW-3021	0.3	0.8	424	-0.4	37.4	20.8	On
EW-3022	0.5	4.6	683	-2.4	45.7	23.3	On
EW-3023	2.5	2.8	3,492	-6.4	27.3	23.3	On
EW-3024	0.4	0.6	557	1.0	---	23.0	On
EW-3025	2.6	5.1	3,654	-4.5	48.4	23.3	On
EW-3026	3.1	5.0	4,377	-9.1	49.5	23.3	On
EW-3027	0.6	0.8	423	0.1	---	23.3	On
EW-4001	1.9	2.7	2,831	-1.9	41.6	23.2	On
EW-4002	2.0	6.6	2,916	-46.9	17.7	23.2	On
EW-4003	2.0	3.1	2,724	-26.4	---	23.2	On
EW-4004	1.6	1.9	2,227	-12.4	19.2	23.2	On
EW-4005	1.9	2.2	2,728	-15.7	---	23.2	On
EW-4006	1.4	5.1	2,021	-51.1	42.6	23.2	On
EW-4007	1.0	1.2	1,389	-7.9	46.9	23.2	On
EW-4008	1.9	2.8	2,770	-7.0	51.6	23.2	On
EW-4009	1.1	1.4	1,421	-31.3	32.7	23.2	On
EW-4010	2.3	2.6	3,205	-0.2	58.6	23.2	On
EW-4011	2.1	2.6	2,919	-22.6	58.7	23.2	On
EW-5001	2.0	2.2	2,735	-22.5	---	23.2	On
EW-5002	0.0	0.0	0	3.6	24.2	0.0	Off
EW Totals	**163.3**		**203,421**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	202.9	196 GPM
FIT-500	201 GPM	162.2	242 GPM
Effluent Temp	95.4 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 5, 2016 12AM to July 6, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	41.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 5, 2016 12AM to July 6, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	61.2
Permeate Flow	FIT-642	0 GPM	44.1
Concentrate Flow	FIT-643	0 GPM	16.0

Inlet Conductivity	CIT-630	846.4 µS
Outlet Conductivity	CIT-642	26.9 µS
Hours Run		10.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 6, 2016 12AM to July 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.2	2,212	1.4	44.1	20.6	On
EW-2002	0.8	1.7	1,081	5.5	43.3	24.0	On
EW-2003	1.1	1.4	1,566	4.9	35.6	24.0	On
EW-2004	0.5	0.6	814	7.7	30.8	24.0	On
EW-2005	0.4	0.5	586	7.9	28.9	24.0	On
EW-2006	0.7	1.0	1,284	8.4	26.0	24.0	On
EW-2007	1.7	2.1	2,495	8.1	22.8	24.0	On
EW-2008	0.6	0.9	723	2.5	23.3	24.0	On
EW-2009	0.6	2.8	1,440	17.9	23.5	22.7	Off
EW-2010	0.0	0.6	253	5.9	22.8	14.2	Off
EW-2011	0.4	0.8	329	8.7	21.3	16.5	On
EW-2012	0.0	0.4	175	13.2	16.9	10.1	Off
EW-2013	0.4	0.5	344	17.3	17.0	17.0	On
EW-2014	1.0	1.9	1,445	13.0	23.9	24.0	On
EW-2015	0.5	0.7	543	12.8	17.7	20.9	On
EW-2016	0.6	0.7	762	10.5	---	23.8	On
EW-2017	1.4	1.5	1,926	12.3	---	24.0	On
EW-2018	0.9	1.1	847	11.0	---	24.0	On
EW-2019	0.0	0.4	180	12.9	---	10.0	Off
EW-2020	0.4	0.5	306	11.9	---	15.9	On
EW-2021	0.4	0.5	242	13.2	---	12.7	On
EW-2022	0.4	0.5	446	11.2	---	21.0	On
EW-2023	0.4	0.6	467	11.9	---	18.9	On
EW-2024	0.5	0.6	264	9.7	---	13.2	On
EW-2025	1.0	1.2	1,127	11.0	---	24.0	On
EW-2026	0.8	1.1	799	10.4	---	24.0	On
EW-2027	1.0	1.2	1,101	8.1	---	24.0	On
EW-2028	0.9	1.2	990	9.0	---	24.0	On
EW-2029	1.0	1.2	1,105	7.0	---	24.0	On
EW-2030	1.5	1.7	2,014	10.4	---	24.0	On
EW-2031	1.5	1.8	2,039	11.1	---	24.0	On
EW-2032	0.7	0.9	639	9.3	---	24.0	On
EW-2033	0.8	1.1	694	10.2	---	24.0	On
EW-2034	0.0	3.5	1,027	10.5	23.8	7.2	Off
EW-2035	1.1	1.3	1,528	6.7	23.2	24.0	On
EW-2036	0.7	2.2	1,062	12.9	40.5	24.0	On
EW-2037	0.7	2.0	922	3.9	46.2	24.0	On
EW-2101	21.6	22.5	23,851	9.4	50.7	23.9	On
EW-2102	18.3	19.8	20,585	15.0	55.1	23.9	On
EW-2103	13.1	17.0	15,162	16.3	52.3	24.0	On
EW-2104	42.5	43.9	46,651	13.1	69.2	24.0	On
EW-3001	0.0	0.0	0	1.8	16.8	0.0	Off
EW-3002	0.4	0.5	188	1.4	15.7	9.9	On
EW-3003	0.0	0.0	0	4.3	15.6	0.0	Off

Daily Log

July 6, 2016 12AM to July 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.6	631	0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	5.6	1,255	-0.7	---	23.8	On
EW-3008	0.5	0.6	639	-0.5	---	24.0	On
EW-3009	2.8	3.2	4,223	-1.3	---	24.0	On
EW-3010	1.1	1.2	1,311	-2.1	---	24.0	On
EW-3011	0.0	0.0	0	0.2	23.4	0.0	Off
EW-3012	0.6	0.8	770	-5.0	26.0	24.0	On
EW-3013	1.0	2.5	1,375	-6.3	31.5	24.0	On
EW-3014	0.4	0.7	219	-9.0	35.3	10.8	On
EW-3015	1.0	5.3	1,425	-5.9	42.3	23.9	On
EW-3016	0.8	2.3	1,189	-6.5	46.6	24.0	On
EW-3017	0.3	1.0	143	-5.2	48.3	7.2	On
EW-3018	0.4	1.0	87	-9.0	48.1	4.8	On
EW-3019	0.9	4.9	1,319	-2.1	0.0	23.9	On
EW-3020	3.4	3.7	4,863	-2.2	43.3	24.0	On
EW-3021	0.4	0.7	417	-0.2	36.4	21.0	On
EW-3022	0.5	1.6	666	-2.2	44.4	24.0	On
EW-3023	2.4	2.7	3,514	-5.6	27.6	24.0	On
EW-3024	0.5	0.6	581	1.1	---	23.5	On
EW-3025	2.5	3.4	3,640	-4.3	46.9	24.0	On
EW-3026	3.1	3.8	4,449	-8.9	48.1	24.0	On
EW-3027	0.4	0.7	434	0.3	---	24.0	On
EW-4001	1.9	2.6	2,845	-1.9	40.7	24.0	On
EW-4002	2.1	2.5	2,942	-46.9	17.1	24.0	On
EW-4003	2.0	2.2	2,909	-26.6	---	24.0	On
EW-4004	1.7	1.8	2,340	-13.0	18.4	24.0	On
EW-4005	2.0	2.2	2,920	-15.8	---	24.0	On
EW-4006	1.4	2.4	2,019	-51.1	41.3	24.0	On
EW-4007	1.0	1.2	1,410	-7.8	45.6	24.0	On
EW-4008	2.0	2.8	2,912	-7.0	50.8	24.0	On
EW-4009	1.1	1.4	1,484	-32.1	33.3	24.0	On
EW-4010	2.0	2.6	3,207	-0.1	56.4	24.0	On
EW-4011	2.2	2.6	3,191	-24.8	56.6	24.0	On
EW-5001	2.0	2.2	2,905	-22.7	---	24.0	On
EW-5002	0.0	0.0	0	3.4	23.5	0.0	Off
EW Totals	**168.7**		**206,449**				

	Value	Total (KGal)	Peak Flow
FIT-100	167 GPM	205.7	174 GPM
FIT-500	208 GPM	161.5	241 GPM
Effluent Temp	95.4 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 6, 2016 12AM to July 7, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	30 GPM	42.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 6, 2016 12AM to July 7, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	61.2
Permeate Flow	FIT-642	0 GPM	44.2
Concentrate Flow	FIT-643	0 GPM	15.9

Inlet Conductivity	CIT-630	877.0 µS
Outlet Conductivity	CIT-642	26.4 µS
Hours Run		10.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 7, 2016 12AM to July 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,583	1.4	42.0	24.0	On
EW-2002	0.8	1.1	1,073	5.3	41.1	24.0	On
EW-2003	1.1	1.4	1,574	4.8	33.3	24.0	On
EW-2004	0.5	0.6	743	7.5	28.2	24.0	On
EW-2005	0.5	0.5	595	7.4	26.2	24.0	On
EW-2006	0.8	0.8	1,093	7.9	23.1	24.0	On
EW-2007	1.7	2.0	2,472	8.0	19.7	24.0	On
EW-2008	0.5	0.8	721	2.6	21.9	24.0	On
EW-2009	1.1	2.9	1,431	3.4	22.2	22.2	On
EW-2010	0.3	0.5	253	5.6	21.1	14.3	On
EW-2011	0.3	0.5	325	9.0	19.5	16.5	On
EW-2012	0.0	0.4	175	13.3	15.8	10.1	Off
EW-2013	0.3	0.5	336	18.5	15.9	16.4	On
EW-2014	1.0	1.4	1,444	12.7	23.1	24.0	On
EW-2015	0.4	0.6	544	12.8	16.9	20.8	On
EW-2016	0.6	0.7	760	9.9	---	24.0	On
EW-2017	1.4	1.5	1,930	12.1	---	24.0	On
EW-2018	0.6	1.1	844	10.9	---	24.0	On
EW-2019	0.3	0.4	183	11.7	---	10.1	On
EW-2020	0.3	0.5	306	11.9	---	15.9	On
EW-2021	0.3	0.5	242	13.5	---	12.8	On
EW-2022	0.3	0.5	448	13.1	---	21.0	On
EW-2023	0.4	0.5	470	10.7	---	19.0	On
EW-2024	0.3	0.5	259	12.0	---	13.0	On
EW-2025	0.8	1.2	1,124	10.8	---	24.0	On
EW-2026	0.5	1.1	795	10.3	---	24.0	On
EW-2027	0.7	1.2	1,097	7.8	---	24.0	On
EW-2028	0.7	1.2	987	8.9	---	24.0	On
EW-2029	0.7	1.2	1,103	6.9	---	24.0	On
EW-2030	1.4	1.7	2,003	10.1	---	24.0	On
EW-2031	1.4	1.7	2,025	10.9	---	24.0	On
EW-2032	0.4	0.9	634	9.1	---	24.0	On
EW-2033	0.5	1.1	696	10.1	---	24.0	On
EW-2034	0.8	3.3	1,091	8.2	16.3	18.6	On
EW-2035	1.1	2.1	1,521	6.5	19.3	23.9	On
EW-2036	0.7	1.2	1,050	12.9	39.9	24.0	On
EW-2037	0.6	1.6	918	3.8	45.7	24.0	On
EW-2101	20.0	22.2	22,226	9.8	26.1	17.7	On
EW-2102	0.0	21.6	22,022	16.0	22.7	19.1	Off
EW-2103	13.1	14.7	18,755	16.2	51.8	24.0	On
EW-2104	42.6	42.9	61,196	12.7	68.7	24.0	On
EW-3001	0.0	0.0	0	1.8	15.8	0.0	Off
EW-3002	0.3	0.5	209	1.5	14.8	10.9	On
EW-3003	0.0	0.0	0	4.3	14.7	0.0	Off

Daily Log

July 7, 2016 12AM to July 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.4	0.6	613	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.2	1,256	-1.0	---	24.0	On
EW-3008	0.5	0.6	619	-0.9	---	24.0	On
EW-3009	3.0	3.1	4,243	-1.6	---	24.0	On
EW-3010	0.9	1.3	1,289	-2.3	---	24.0	On
EW-3011	0.0	0.7	23	0.2	15.6	1.6	Off
EW-3012	0.5	0.8	763	-5.0	16.0	24.0	On
EW-3013	0.9	2.3	1,380	-6.4	18.3	24.0	On
EW-3014	0.3	0.7	217	-8.5	19.4	11.1	On
EW-3015	1.0	2.7	1,426	-6.2	21.1	24.0	On
EW-3016	0.8	1.7	1,187	-6.8	22.8	24.0	On
EW-3017	0.0	0.8	147	-6.3	23.7	7.3	Off
EW-3018	0.0	0.9	87	-8.8	23.4	4.8	Off
EW-3019	0.0	5.1	462	10.6	46.3	9.1	Off
EW-3020	3.5	3.6	4,950	-2.2	41.3	24.0	On
EW-3021	0.3	0.6	415	-0.3	35.6	21.1	On
EW-3022	0.4	0.8	665	-2.3	43.7	24.0	On
EW-3023	2.4	2.5	3,421	-6.4	19.1	24.0	On
EW-3024	0.4	0.6	572	1.0	---	23.3	On
EW-3025	2.5	2.6	3,623	-4.4	46.2	24.0	On
EW-3026	3.1	3.2	4,416	-9.0	47.4	24.0	On
EW-3027	0.5	0.7	435	0.1	---	24.0	On
EW-4001	1.9	2.4	2,706	-2.3	40.1	24.0	On
EW-4002	2.0	2.3	2,936	-47.1	16.1	24.0	On
EW-4003	2.1	2.2	2,855	-29.0	---	24.0	On
EW-4004	1.7	1.8	2,381	-13.8	15.1	24.0	On
EW-4005	2.1	2.2	2,875	-18.2	---	24.0	On
EW-4006	1.4	1.8	1,999	-51.2	40.6	24.0	On
EW-4007	1.0	1.2	1,410	-8.3	44.8	24.0	On
EW-4008	1.9	2.7	2,815	-7.6	50.2	24.0	On
EW-4009	1.0	1.4	1,472	-33.0	20.4	24.0	On
EW-4010	2.1	2.2	2,932	-0.4	56.1	24.0	On
EW-4011	2.2	2.4	3,123	-25.4	56.3	24.0	On
EW-5001	2.1	2.2	2,921	-25.2	---	24.0	On
EW-5002	0.0	0.0	0	3.4	19.5	0.0	Off
EW Totals	**145.7**		**222,892**				

	Value	Total (KGal)	Peak Flow
FIT-100	145 GPM	222.1	173 GPM
FIT-500	0 GPM	190.3	243 GPM
Effluent Temp	96.6 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 7, 2016 12AM to July 8, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	30 GPM	40.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 7, 2016 12AM to July 8, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	59.3
Permeate Flow	FIT-642	0 GPM	42.8
Concentrate Flow	FIT-643	0 GPM	15.5

Inlet Conductivity	CIT-630	851.3 µS
Outlet Conductivity	CIT-642	168.1 µS
Hours Run		10.9 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 8, 2016 12AM to July 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.1	2,552	1.4	44.2	23.6	On
EW-2002	0.7	5.2	1,062	5.5	43.4	23.6	On
EW-2003	1.1	4.3	1,566	4.9	35.6	23.6	On
EW-2004	0.5	0.6	729	8.2	30.7	23.6	On
EW-2005	0.4	0.6	603	8.0	28.7	23.6	On
EW-2006	0.7	1.0	1,107	9.0	25.7	23.6	On
EW-2007	1.7	5.2	2,403	8.2	22.5	23.6	On
EW-2008	0.5	2.8	714	2.4	23.2	23.5	On
EW-2009	0.7	2.6	1,534	3.9	23.4	23.5	On
EW-2010	0.0	0.8	250	6.5	22.6	13.4	Off
EW-2011	0.0	0.7	323	9.4	21.0	15.6	Off
EW-2012	0.3	0.5	174	13.1	16.4	10.0	On
EW-2013	0.3	0.6	330	17.6	16.5	16.3	On
EW-2014	1.0	4.6	1,432	13.1	20.7	23.5	On
EW-2015	0.4	0.6	534	13.8	16.4	20.5	On
EW-2016	0.4	0.8	746	10.4	---	23.3	On
EW-2017	1.3	4.5	1,915	12.4	---	23.6	On
EW-2018	0.6	7.4	839	11.2	---	23.6	On
EW-2019	0.0	0.5	183	11.9	---	10.1	Off
EW-2020	0.3	0.6	304	11.1	---	15.7	On
EW-2021	0.0	0.5	240	13.6	---	12.5	Off
EW-2022	0.3	0.6	439	12.7	---	20.6	On
EW-2023	0.4	0.6	456	12.9	---	18.4	On
EW-2024	0.3	0.7	261	10.4	---	13.1	On
EW-2025	0.8	7.0	1,114	11.2	---	23.5	On
EW-2026	0.5	7.3	790	10.6	---	23.5	On
EW-2027	0.7	7.2	1,090	8.2	---	23.6	On
EW-2028	0.7	7.2	981	9.2	---	23.6	On
EW-2029	0.8	7.2	1,094	7.2	---	23.6	On
EW-2030	1.4	7.3	1,988	10.5	---	23.6	On
EW-2031	1.4	7.5	2,006	11.2	---	23.6	On
EW-2032	0.4	6.7	633	9.5	---	23.6	On
EW-2033	0.5	7.3	696	10.3	---	23.6	On
EW-2034	0.7	2.4	1,102	8.2	24.3	23.6	On
EW-2035	1.0	2.1	1,502	6.7	22.9	23.6	On
EW-2036	0.6	5.0	1,033	12.9	33.7	23.5	On
EW-2037	0.6	6.3	908	4.0	38.4	23.5	On
EW-2101	21.7	25.2	23,657	9.3	49.6	23.6	On
EW-2102	17.9	18.3	8,168	15.4	53.9	7.6	On
EW-2103	0.0	19.8	12,595	16.9	38.5	16.4	Off
EW-2104	44.3	44.7	43,228	13.0	59.9	23.5	On
EW-3001	0.0	0.0	0	1.8	16.4	0.0	Off
EW-3002	0.3	0.6	212	1.6	15.3	10.7	On
EW-3003	0.0	0.0	0	4.3	15.2	0.0	Off

Daily Log

July 8, 2016 12AM to July 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	8	1.2	---	0.5	Off
EW-3005	0.3	0.7	610	0.1	---	23.3	On
EW-3006	0.0	0.5	4	1.4	---	0.2	Off
EW-3007	0.8	5.9	1,251	-0.6	---	23.2	On
EW-3008	0.3	0.7	619	-0.5	---	23.3	On
EW-3009	3.0	6.9	4,267	-1.4	---	23.3	On
EW-3010	0.9	6.0	1,285	-2.0	---	23.2	On
EW-3011	0.3	0.7	83	0.0	23.5	4.2	On
EW-3012	0.4	0.8	737	-4.2	26.0	23.3	On
EW-3013	1.0	6.1	1,374	-6.1	31.2	23.3	On
EW-3014	0.0	0.7	217	-8.3	34.7	11.1	Off
EW-3015	1.0	6.4	1,420	-6.0	41.4	23.3	On
EW-3016	0.8	3.7	1,180	-6.5	45.8	23.3	On
EW-3017	0.0	1.0	144	-5.2	47.0	7.3	Off
EW-3018	0.0	1.1	89	-9.5	46.7	4.9	Off
EW-3019	0.0	6.9	100	10.5	0.0	1.1	Off
EW-3020	3.6	6.5	4,949	-2.1	43.6	23.3	On
EW-3021	0.3	0.7	370	0.2	31.2	18.6	On
EW-3022	0.4	4.2	663	-2.3	39.1	23.3	On
EW-3023	2.3	2.5	3,301	-4.5	27.5	23.3	On
EW-3024	0.3	0.7	548	1.6	---	22.4	On
EW-3025	2.5	4.7	3,597	-4.5	41.7	23.3	On
EW-3026	3.1	4.9	4,367	-9.1	42.9	23.3	On
EW-3027	0.2	0.7	423	0.2	---	23.3	On
EW-4001	2.1	2.6	2,844	-2.7	34.0	23.3	On
EW-4002	2.0	6.6	2,904	-46.8	16.7	23.3	On
EW-4003	1.9	2.9	2,798	-28.4	---	23.3	On
EW-4004	1.6	1.9	2,319	-12.9	18.4	23.3	On
EW-4005	1.9	2.3	2,818	-16.8	---	23.3	On
EW-4006	1.4	4.7	1,982	-50.8	36.1	23.3	On
EW-4007	1.0	1.5	1,424	-8.2	40.3	23.3	On
EW-4008	1.9	6.5	2,851	-7.8	39.2	23.3	On
EW-4009	1.0	1.3	1,420	-32.0	32.8	23.3	On
EW-4010	2.3	2.6	3,098	-0.4	50.3	23.3	On
EW-4011	2.2	2.6	3,049	-26.6	50.4	23.3	On
EW-5001	1.9	2.3	2,839	-24.0	---	23.3	On
EW-5002	0.0	0.0	0	3.5	23.1	0.0	Off
EW Totals	**150.8**		**185,445**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	184.8	168 GPM
FIT-500	200 GPM	145.4	242 GPM
Effluent Temp	96.5 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

July 8, 2016 12AM to July 9, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	30 GPM	0.0
RC-7003	FIT-665	30 GPM	42.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 8, 2016 12AM to July 9, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	60.8
Permeate Flow	FIT-642	69 GPM	44.1
Concentrate Flow	FIT-643	26 GPM	15.5

Inlet Conductivity	CIT-630	874.1 µS
Outlet Conductivity	CIT-642	23.7 µS
Hours Run		10.1 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	97.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 9, 2016 12AM to July 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.1	2,548	1.6	45.4	23.7	On
EW-2002	0.7	4.9	1,061	5.3	44.5	23.7	On
EW-2003	1.1	4.2	1,549	4.7	36.6	23.7	On
EW-2004	0.5	0.6	709	7.8	31.6	23.7	On
EW-2005	0.5	0.5	604	7.4	29.6	23.7	On
EW-2006	0.8	1.0	1,072	7.7	26.4	23.7	On
EW-2007	1.7	4.7	2,384	7.9	23.0	23.7	On
EW-2008	0.5	2.7	720	2.5	23.6	23.7	On
EW-2009	0.7	3.0	1,555	4.7	24.1	23.7	On
EW-2010	0.3	0.9	254	6.5	23.1	13.0	On
EW-2011	0.0	0.9	327	8.8	21.5	15.2	Off
EW-2012	0.0	0.5	177	12.8	16.9	10.2	Off
EW-2013	0.3	0.8	334	18.3	17.0	16.1	On
EW-2014	1.0	4.5	1,423	12.7	24.3	23.6	On
EW-2015	0.5	0.7	538	12.4	18.1	20.6	On
EW-2016	0.6	0.6	745	10.4	---	23.2	On
EW-2017	1.4	4.6	1,910	12.0	---	23.7	On
EW-2018	0.6	7.4	837	10.8	---	23.7	On
EW-2019	0.0	0.4	192	11.5	---	10.6	Off
EW-2020	0.0	0.5	302	11.1	---	15.3	Off
EW-2021	0.3	0.5	240	12.2	---	12.5	On
EW-2022	0.0	0.5	439	12.1	---	20.2	Off
EW-2023	0.0	0.5	455	12.1	---	18.3	Off
EW-2024	0.0	0.5	261	10.9	---	12.5	Off
EW-2025	0.8	7.1	1,116	10.8	---	23.6	On
EW-2026	0.6	7.3	787	10.2	---	23.6	On
EW-2027	0.8	7.2	1,092	7.8	---	23.7	On
EW-2028	0.7	7.2	980	8.8	---	23.7	On
EW-2029	0.8	7.2	1,094	6.8	---	23.7	On
EW-2030	1.4	7.3	1,998	10.1	---	23.7	On
EW-2031	1.4	7.5	2,015	10.8	---	23.7	On
EW-2032	0.4	6.7	634	9.1	---	23.7	On
EW-2033	0.5	7.3	693	10.0	---	23.7	On
EW-2034	0.8	2.1	1,103	8.0	24.8	23.7	On
EW-2035	1.1	2.1	1,505	6.5	23.5	23.7	On
EW-2036	0.7	5.1	1,050	12.9	41.1	23.7	On
EW-2037	0.7	6.4	934	3.6	46.6	23.7	On
EW-2101	21.5	22.7	30,871	8.9	50.9	23.7	On
EW-2102	17.3	18.4	25,219	15.1	54.5	23.7	On
EW-2103	13.1	20.3	14,512	16.4	52.9	18.5	On
EW-2104	42.5	44.7	15,272	14.7	69.8	5.8	On
EW-3001	0.0	0.0	0	1.8	16.9	0.0	Off
EW-3002	0.0	0.5	192	2.2	15.8	9.8	Off
EW-3003	0.0	0.0	0	4.3	15.8	0.0	Off

Daily Log

July 9, 2016 12AM to July 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	6	1.3	---	0.4	Off
EW-3005	0.5	0.6	626	-0.1	---	23.6	On
EW-3006	0.0	0.5	2	1.4	---	0.1	Off
EW-3007	0.9	6.0	1,253	-1.0	---	23.6	On
EW-3008	0.5	0.6	636	-0.8	---	23.6	On
EW-3009	3.0	6.9	4,342	-1.5	---	23.6	On
EW-3010	0.9	6.0	1,296	-2.4	---	23.6	On
EW-3011	0.0	0.7	98	0.3	23.9	5.8	Off
EW-3012	0.5	0.8	748	-5.1	26.4	23.6	On
EW-3013	0.9	5.4	1,384	-6.4	32.0	23.6	On
EW-3014	0.5	0.5	222	-8.8	35.5	11.4	On
EW-3015	0.9	5.2	1,426	-6.1	42.3	23.6	On
EW-3016	0.8	2.8	1,176	-6.8	47.1	23.6	On
EW-3017	0.2	0.7	144	-5.0	49.1	7.2	On
EW-3018	0.2	0.6	87	-8.8	49.8	4.8	On
EW-3019	0.0	0.0	0	10.4	0.0	0.0	Off
EW-3020	3.5	6.0	5,043	-1.9	44.6	23.6	On
EW-3021	0.0	0.7	331	0.1	36.6	16.5	Off
EW-3022	0.5	4.6	670	-2.6	45.1	23.6	On
EW-3023	2.3	2.3	3,228	-4.6	27.9	23.6	On
EW-3024	0.5	0.6	571	0.8	---	22.8	On
EW-3025	2.6	5.7	3,641	-4.4	47.7	23.6	On
EW-3026	3.1	5.5	4,406	-8.9	48.9	23.6	On
EW-3027	0.2	0.7	428	0.2	---	23.6	On
EW-4001	1.9	2.6	2,946	-2.1	41.3	23.5	On
EW-4002	2.0	6.7	2,910	-47.1	17.2	23.5	On
EW-4003	2.0	3.4	2,836	-27.3	---	23.5	On
EW-4004	1.8	1.8	2,363	-13.6	18.7	23.5	On
EW-4005	2.0	2.2	2,819	-16.2	---	23.5	On
EW-4006	1.4	6.0	1,980	-51.2	42.0	23.5	On
EW-4007	1.1	1.2	1,428	-8.0	46.4	23.5	On
EW-4008	2.0	2.8	2,851	-7.2	51.2	23.5	On
EW-4009	1.1	1.1	1,449	-32.7	33.3	23.5	On
EW-4010	2.0	2.6	3,237	0.1	56.7	23.5	On
EW-4011	2.1	2.5	3,079	-21.8	56.8	23.5	On
EW-5001	2.1	2.2	2,860	-23.5	---	23.5	On
EW-5002	0.0	0.0	0	3.4	23.7	0.0	Off
EW Totals	**162.3**		**184,230**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	184.2	176 GPM
FIT-500	0 GPM	149.8	240 GPM
Effluent Temp	94.1 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 9, 2016 12AM to July 10, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	28.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 9, 2016 12AM to July 10, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	45.3
Permeate Flow	FIT-642	0 GPM	32.3
Concentrate Flow	FIT-643	0 GPM	12.0

Inlet Conductivity	CIT-630	979.8 µS
Outlet Conductivity	CIT-642	55.9 µS
Hours Run		10.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 10, 2016 12AM to July 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,583	1.6	44.1	24.0	On
EW-2002	0.8	0.9	1,062	5.5	43.3	24.0	On
EW-2003	1.1	1.2	1,541	4.9	35.4	24.0	On
EW-2004	0.5	0.5	737	7.6	30.4	24.0	On
EW-2005	0.5	0.5	618	7.5	28.4	24.0	On
EW-2006	0.8	0.9	1,182	7.6	25.2	24.0	On
EW-2007	1.7	2.0	2,381	8.2	21.7	24.0	On
EW-2008	0.5	1.5	722	2.4	22.3	24.0	On
EW-2009	0.6	3.0	1,563	3.5	22.5	24.0	On
EW-2010	0.4	1.0	256	6.1	21.8	13.3	On
EW-2011	0.0	0.9	326	9.2	20.3	15.5	Off
EW-2012	0.0	0.4	173	13.4	15.6	10.2	Off
EW-2013	0.0	0.5	333	18.4	15.7	16.1	Off
EW-2014	1.0	1.2	1,407	12.8	23.4	24.0	On
EW-2015	0.0	0.6	531	13.3	17.0	20.3	Off
EW-2016	0.6	0.7	767	10.1	---	23.9	On
EW-2017	1.4	1.6	1,916	12.1	---	24.0	On
EW-2018	0.6	0.9	839	10.8	---	24.0	On
EW-2019	0.3	0.3	180	12.9	---	10.1	On
EW-2020	0.4	0.4	303	10.5	---	15.9	On
EW-2021	0.0	0.5	237	13.9	---	12.4	Off
EW-2022	0.0	0.5	438	12.0	---	20.9	Off
EW-2023	0.4	0.5	456	12.4	---	18.6	On
EW-2024	0.0	0.6	259	10.7	---	13.1	Off
EW-2025	0.8	1.1	1,121	10.8	---	24.0	On
EW-2026	0.6	0.9	790	10.3	---	24.0	On
EW-2027	0.8	1.1	1,098	7.9	---	24.0	On
EW-2028	0.7	1.0	989	8.9	---	24.0	On
EW-2029	0.8	1.1	1,099	6.9	---	24.0	On
EW-2030	1.4	1.7	2,010	10.1	---	24.0	On
EW-2031	1.4	1.6	2,053	10.9	---	24.0	On
EW-2032	0.5	0.8	630	9.2	---	24.0	On
EW-2033	0.5	0.9	692	10.1	---	24.0	On
EW-2034	0.8	0.9	1,118	8.1	23.1	24.0	On
EW-2035	1.1	1.1	1,521	6.6	22.1	24.0	On
EW-2036	0.7	0.9	1,067	12.7	40.5	24.0	On
EW-2037	0.7	1.3	959	3.7	46.1	24.0	On
EW-2101	20.0	21.9	29,368	9.3	48.2	24.0	On
EW-2102	17.3	18.5	25,187	15.0	52.6	24.0	On
EW-2103	13.2	19.9	18,777	16.3	52.3	24.0	On
EW-2104	42.4	42.9	61,224	13.2	69.2	24.0	On
EW-3001	0.0	0.0	0	1.8	15.5	0.0	Off
EW-3002	0.0	0.5	158	2.3	14.6	8.4	Off
EW-3003	0.0	0.0	0	4.3	14.6	0.0	Off

Daily Log

July 10, 2016 12AM to July 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.6	633	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.2	1,223	-1.0	---	24.0	On
EW-3008	0.5	0.6	636	-0.8	---	24.0	On
EW-3009	3.0	3.2	4,301	-1.5	---	24.0	On
EW-3010	0.9	1.2	1,276	-2.4	---	24.0	On
EW-3011	0.0	0.7	66	-0.2	22.2	4.4	Off
EW-3012	0.6	0.8	754	-4.7	24.8	24.0	On
EW-3013	1.0	1.5	1,377	-6.5	30.2	24.0	On
EW-3014	0.0	0.7	216	-7.8	33.8	11.0	Off
EW-3015	1.0	2.0	1,425	-6.3	40.4	24.0	On
EW-3016	0.9	1.3	1,173	-6.6	44.9	24.0	On
EW-3017	0.4	0.6	145	-6.8	46.1	7.3	On
EW-3018	0.0	0.6	89	-9.6	45.8	4.8	Off
EW-3019	0.0	0.0	0	10.3	0.0	0.0	Off
EW-3020	3.5	3.6	5,036	-2.0	43.4	24.0	On
EW-3021	0.4	0.5	388	-0.4	36.0	20.0	On
EW-3022	0.5	0.7	642	-2.3	44.2	24.0	On
EW-3023	2.3	2.3	3,293	-4.9	26.3	24.0	On
EW-3024	0.5	0.6	582	0.8	---	23.3	On
EW-3025	2.5	2.7	3,680	-4.4	46.7	24.0	On
EW-3026	3.1	3.2	4,456	-9.0	47.9	24.0	On
EW-3027	0.5	0.7	435	0.2	---	24.0	On
EW-4001	2.1	2.3	2,910	-2.5	40.7	24.0	On
EW-4002	2.0	2.3	2,928	-47.1	15.9	24.0	On
EW-4003	2.0	2.2	2,893	-27.9	---	24.0	On
EW-4004	1.8	1.8	2,431	-13.4	17.3	24.0	On
EW-4005	2.1	2.2	2,942	-17.2	---	24.0	On
EW-4006	1.4	1.6	1,978	-51.2	41.1	24.0	On
EW-4007	1.0	1.1	1,480	-8.1	45.3	24.0	On
EW-4008	2.1	2.6	2,934	-7.8	50.7	24.0	On
EW-4009	1.1	1.3	1,483	-32.7	31.8	24.0	On
EW-4010	2.1	2.1	2,991	-0.1	56.7	24.0	On
EW-4011	2.1	2.3	3,058	-24.6	56.8	24.0	On
EW-5001	2.0	2.2	2,920	-23.8	---	24.0	On
EW-5002	0.0	0.0	0	3.4	22.2	0.0	Off
EW Totals	**161.4**		**233,446**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	232.5	171 GPM
FIT-500	231 GPM	205.9	243 GPM
Effluent Temp	94.7 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

July 10, 2016 12AM to July 11, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	31 GPM	0.0
RC-7003	FIT-665	31 GPM	33.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 10, 2016 12AM to July 11, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	49.5
Permeate Flow	FIT-642	69 GPM	35.4
Concentrate Flow	FIT-643	25 GPM	13.1

Inlet Conductivity	CIT-630	848.1 µS
Outlet Conductivity	CIT-642	21.7 µS
Hours Run		7.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 11, 2016 12AM to July 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.1	2,416	1.4	45.4	22.3	On
EW-2002	0.5	5.2	1,007	5.6	44.5	22.3	On
EW-2003	0.9	4.2	1,471	4.9	37.5	22.3	On
EW-2004	0.5	0.6	687	7.3	33.2	22.3	On
EW-2005	0.3	0.7	575	7.7	31.5	22.3	On
EW-2006	0.8	1.0	1,113	7.0	29.0	22.3	On
EW-2007	1.6	5.1	2,228	8.3	26.2	22.3	On
EW-2008	0.7	2.9	693	2.7	52.4	22.3	On
EW-2009	2.9	3.0	1,459	3.5	53.5	22.3	On
EW-2010	0.3	1.0	245	6.3	45.6	12.6	On
EW-2011	0.3	0.9	313	8.4	43.2	14.8	On
EW-2012	0.0	0.5	172	12.1	17.4	10.0	Off
EW-2013	0.4	0.5	314	17.9	17.5	15.3	On
EW-2014	0.9	4.5	1,325	12.9	24.5	22.3	On
EW-2015	0.5	0.8	420	11.6	18.4	16.0	On
EW-2016	0.4	0.7	697	10.8	---	22.0	On
EW-2017	1.3	4.6	1,818	12.3	---	22.3	On
EW-2018	0.6	7.6	804	11.2	---	22.3	On
EW-2019	0.3	0.4	184	11.2	---	10.3	On
EW-2020	0.0	0.4	287	11.8	---	15.1	Off
EW-2021	0.0	0.4	216	18.3	---	11.4	Off
EW-2022	0.3	0.5	343	11.3	---	16.2	On
EW-2023	0.4	0.5	433	10.9	---	17.7	On
EW-2024	0.0	0.5	253	9.9	---	12.4	Off
EW-2025	0.8	7.2	1,071	11.2	---	22.2	On
EW-2026	0.6	7.5	767	10.6	---	22.2	On
EW-2027	0.8	7.5	1,055	8.2	---	22.3	On
EW-2028	0.7	7.4	950	9.2	---	22.3	On
EW-2029	0.8	7.5	1,055	7.2	---	22.3	On
EW-2030	1.2	7.4	1,910	10.5	---	22.3	On
EW-2031	1.2	7.7	1,953	11.2	---	22.3	On
EW-2032	0.4	6.9	611	9.5	---	22.3	On
EW-2033	0.5	7.6	666	10.4	---	22.3	On
EW-2034	0.7	2.1	1,070	8.2	25.0	22.3	On
EW-2035	1.0	2.1	1,421	6.6	23.7	22.3	On
EW-2036	0.7	4.2	1,018	12.9	40.9	22.3	On
EW-2037	0.6	5.7	912	3.8	46.3	22.3	On
EW-2101	19.9	20.4	26,756	9.3	50.4	22.3	On
EW-2102	16.8	18.6	22,689	15.0	54.2	22.3	On
EW-2103	12.8	17.1	17,415	16.3	52.7	22.3	On
EW-2104	42.2	44.2	55,366	13.1	69.5	22.3	On
EW-3001	0.0	0.5	2	1.8	17.4	0.1	Off
EW-3002	0.0	0.6	229	2.2	16.3	11.3	Off
EW-3003	0.0	0.4	1	4.3	16.2	0.1	Off

Daily Log

July 11, 2016 12AM to July 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	19	1.3	---	1.3	Off
EW-3005	0.3	0.6	585	0.0	---	22.1	On
EW-3006	0.0	0.6	12	1.4	---	0.6	Off
EW-3007	0.7	6.1	1,276	-0.7	---	22.1	On
EW-3008	0.3	0.6	589	-0.6	---	22.1	On
EW-3009	3.0	6.9	4,238	-1.5	---	22.1	On
EW-3010	0.9	6.1	1,309	-2.0	---	22.1	On
EW-3011	0.0	0.8	108	0.2	24.2	5.6	Off
EW-3012	0.4	0.7	698	-4.6	26.7	22.1	On
EW-3013	0.9	5.4	1,319	-6.1	32.0	22.1	On
EW-3014	0.0	0.5	216	-8.8	35.8	10.8	Off
EW-3015	1.0	5.1	1,365	-5.9	42.3	22.1	On
EW-3016	0.7	2.8	1,128	-6.5	47.0	22.1	On
EW-3017	0.3	0.8	141	-5.9	48.3	7.0	On
EW-3018	0.0	0.6	87	-9.2	48.0	4.7	Off
EW-3019	0.0	0.0	0	10.2	0.0	0.0	Off
EW-3020	3.5	5.9	4,695	-2.1	44.9	22.1	On
EW-3021	0.0	0.7	356	1.3	36.8	17.5	Off
EW-3022	0.5	4.2	686	-2.5	45.4	22.1	On
EW-3023	2.3	2.3	3,031	-3.9	28.2	22.1	On
EW-3024	0.3	0.6	432	1.1	---	17.7	On
EW-3025	2.6	5.1	3,497	-4.6	48.1	22.1	On
EW-3026	3.2	4.3	4,198	-9.2	49.4	22.1	On
EW-3027	0.0	0.7	401	0.1	---	22.1	On
EW-4001	1.8	2.6	2,624	-2.0	41.2	22.0	On
EW-4002	2.1	6.8	2,784	-46.9	17.7	22.0	On
EW-4003	1.8	9.8	2,583	-26.6	---	22.0	On
EW-4004	1.4	1.8	2,222	-12.8	20.0	22.0	On
EW-4005	1.8	2.1	2,606	-15.8	---	22.0	On
EW-4006	1.4	4.8	1,913	-51.0	42.1	22.0	On
EW-4007	1.0	1.2	1,352	-8.2	46.5	22.0	On
EW-4008	2.0	2.8	2,665	-7.1	51.0	22.0	On
EW-4009	0.9	1.1	1,351	-31.7	33.4	22.0	On
EW-4010	2.0	2.5	2,710	0.0	56.4	22.0	On
EW-4011	2.1	2.6	2,825	-24.0	56.5	22.0	On
EW-5001	1.8	2.1	2,605	-22.7	---	22.0	On
EW-5002	0.0	0.0	0	3.5	23.9	0.0	Off
EW Totals	**158.0**		**215,017**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	214.3	189 GPM
FIT-500	0 GPM	180.4	242 GPM
Effluent Temp	95.7 °F		
Effluent pH	7.3		

Recharge and Injection Daily Report

July 11, 2016 12AM to July 12, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	33 GPM	0.0
RC-7003	FIT-665	33 GPM	35.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 11, 2016 12AM to July 12, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	52.6
Permeate Flow	FIT-642	69 GPM	37.8
Concentrate Flow	FIT-643	26 GPM	13.9

Inlet Conductivity	CIT-630	821.2 µS
Outlet Conductivity	CIT-642	23.2 µS
Hours Run		8.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 12, 2016 12AM to July 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.8	2,560	1.8	43.8	24.0	On
EW-2002	0.8	0.9	1,059	5.4	43.0	24.0	On
EW-2003	1.1	1.2	1,538	5.0	35.5	24.0	On
EW-2004	0.5	0.5	759	7.2	30.6	24.0	On
EW-2005	0.5	0.5	594	8.0	28.7	23.9	On
EW-2006	0.8	0.9	1,240	7.4	25.8	24.0	On
EW-2007	1.7	2.0	2,368	8.1	22.5	24.0	On
EW-2008	0.5	1.5	729	2.4	24.1	24.0	On
EW-2009	1.1	6.3	1,476	3.4	24.6	22.3	On
EW-2010	0.0	0.9	254	5.8	23.3	13.9	Off
EW-2011	0.0	0.9	326	8.6	21.8	16.1	Off
EW-2012	0.3	0.4	174	12.9	16.7	10.3	On
EW-2013	0.0	1.4	329	17.6	16.7	16.3	Off
EW-2014	1.0	2.0	1,399	12.7	23.9	24.0	On
EW-2015	0.4	0.6	541	13.2	17.7	20.6	On
EW-2016	0.6	0.6	745	10.2	---	23.4	On
EW-2017	1.4	1.4	1,942	12.1	---	24.0	On
EW-2018	0.6	1.0	840	10.8	---	24.0	On
EW-2019	0.0	0.5	89	18.0	---	4.7	Off
EW-2020	0.4	0.4	303	10.5	---	15.8	On
EW-2021	0.0	0.4	94	18.9	---	4.9	Off
EW-2022	0.4	0.4	454	12.2	---	21.1	On
EW-2023	0.4	0.4	454	10.8	---	18.6	On
EW-2024	0.0	0.5	260	9.8	---	12.8	Off
EW-2025	0.8	1.1	1,131	10.8	---	24.0	On
EW-2026	0.6	1.1	806	10.2	---	24.0	On
EW-2027	0.8	1.2	1,107	7.8	---	24.0	On
EW-2028	0.7	1.2	996	8.8	---	24.0	On
EW-2029	0.8	1.2	1,109	6.8	---	24.0	On
EW-2030	1.4	1.7	2,030	10.1	---	24.0	On
EW-2031	1.5	1.7	2,088	10.8	---	24.0	On
EW-2032	0.5	0.9	635	9.1	---	24.0	On
EW-2033	0.5	1.0	682	10.0	---	24.0	On
EW-2034	0.8	1.0	1,127	8.3	24.3	24.0	On
EW-2035	1.1	1.2	1,511	6.5	22.7	24.0	On
EW-2036	0.7	0.9	1,066	12.9	40.6	24.0	On
EW-2037	0.7	0.8	946	3.6	46.3	24.0	On
EW-2101	20.0	21.1	28,817	9.0	51.8	24.0	On
EW-2102	16.2	17.0	23,664	14.0	54.8	24.0	On
EW-2103	13.2	13.3	18,782	16.2	52.6	24.0	On
EW-2104	42.2	42.5	60,819	12.9	69.4	24.0	On
EW-3001	0.0	0.0	0	1.8	16.6	0.0	Off
EW-3002	0.3	0.4	55	1.6	15.6	3.0	On
EW-3003	0.0	0.0	0	4.3	15.5	0.0	Off

Daily Log

July 12, 2016 12AM to July 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.6	643	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,296	-1.0	---	24.0	On
EW-3008	0.5	0.6	649	-0.8	---	24.0	On
EW-3009	3.0	3.2	4,366	-1.5	---	24.0	On
EW-3010	1.0	1.3	1,408	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.2	23.4	0.0	Off
EW-3012	0.6	0.8	768	-5.1	26.2	24.0	On
EW-3013	0.9	2.3	1,364	-6.5	32.0	24.0	On
EW-3014	0.0	0.7	218	-8.2	36.1	11.5	Off
EW-3015	1.0	2.8	1,418	-6.3	43.0	24.0	On
EW-3016	1.0	3.2	1,209	-4.7	48.0	23.4	On
EW-3017	0.0	2.0	141	-5.7	49.7	7.2	Off
EW-3018	0.0	0.9	87	-9.0	49.5	4.8	Off
EW-3019	0.0	4.9	2	-2.4	50.1	10.6	On
EW-3020	3.3	3.5	4,946	-2.0	43.1	24.0	On
EW-3021	0.3	0.7	293	-0.1	36.7	15.7	On
EW-3022	0.5	0.6	728	-2.2	45.1	24.0	On
EW-3023	2.3	2.5	3,321	-4.7	27.5	24.0	On
EW-3024	0.5	0.6	557	1.0	---	22.7	On
EW-3025	2.6	2.6	3,703	-4.5	47.7	24.0	On
EW-3026	3.1	3.2	4,545	-9.1	49.1	24.0	On
EW-3027	0.0	0.7	423	0.1	---	23.4	On
EW-4001	1.9	1.9	2,726	-2.0	40.9	24.0	On
EW-4002	2.0	2.3	2,935	-47.2	17.0	24.0	On
EW-4003	2.0	2.1	2,818	-27.0	---	24.0	On
EW-4004	1.6	1.8	2,375	-11.9	18.1	24.0	On
EW-4005	2.0	2.1	2,798	-15.9	---	24.0	On
EW-4006	1.4	1.6	2,013	-51.2	41.9	24.0	On
EW-4007	1.0	1.1	1,499	-7.9	46.3	24.0	On
EW-4008	1.9	2.1	2,815	-7.1	50.9	24.0	On
EW-4009	1.1	1.3	1,488	-32.2	33.4	24.0	On
EW-4010	2.0	2.0	2,907	0.0	56.6	24.0	On
EW-4011	2.1	2.2	3,035	-24.2	56.5	24.0	On
EW-5001	2.0	2.2	2,841	-23.0	---	24.0	On
EW-5002	0.0	0.0	0	3.5	22.9	0.0	Off
EW Totals	**160.0**		**230,234**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	229.9	168 GPM
FIT-500	206 GPM	194.0	244 GPM
Effluent Temp	94.5 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

July 12, 2016 12AM to July 13, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	33 GPM	0.0
RC-7003	FIT-665	33 GPM	33.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 12, 2016 12AM to July 13, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	8 GPM	48.5
Permeate Flow	FIT-642	0 GPM	34.7
Concentrate Flow	FIT-643	1 GPM	12.9

Inlet Conductivity	CIT-630	873.3 µS
Outlet Conductivity	CIT-642	254.9 µS
Hours Run		9.4 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	95.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 13, 2016 12AM to July 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,576	1.7	43.0	24.0	On
EW-2002	0.8	0.9	1,071	5.4	42.2	24.0	On
EW-2003	1.1	1.2	1,518	5.0	34.6	24.0	On
EW-2004	0.5	0.5	744	7.3	29.7	24.0	On
EW-2005	0.4	0.5	576	8.0	27.8	24.0	On
EW-2006	0.8	1.0	1,226	7.2	24.8	24.0	On
EW-2007	1.6	1.8	2,349	8.1	21.5	24.0	On
EW-2008	0.6	0.8	750	2.5	23.8	24.0	On
EW-2009	1.1	3.0	1,576	3.5	24.2	24.0	On
EW-2010	0.3	0.5	264	5.6	22.9	15.0	On
EW-2011	0.0	0.5	333	9.1	21.3	16.5	Off
EW-2012	0.0	0.3	138	25.5	15.1	8.1	Off
EW-2013	0.3	0.6	335	18.5	15.2	15.9	On
EW-2014	1.0	1.2	1,390	12.8	21.9	24.0	On
EW-2015	0.4	0.6	545	11.9	16.1	20.4	On
EW-2016	0.5	0.7	737	11.4	---	23.3	On
EW-2017	1.4	1.4	1,940	12.2	---	24.0	On
EW-2018	0.6	1.1	842	10.9	---	24.0	On
EW-2019	0.3	0.4	160	12.4	---	8.9	On
EW-2020	0.3	0.5	304	10.6	---	16.0	On
EW-2021	0.0	0.4	207	13.1	---	11.0	Off
EW-2022	0.4	0.5	461	12.1	---	21.7	On
EW-2023	0.4	0.5	451	12.5	---	18.6	On
EW-2024	0.0	0.5	198	18.5	---	9.9	Off
EW-2025	0.8	1.0	1,125	10.9	---	24.0	On
EW-2026	0.6	1.0	805	10.3	---	24.0	On
EW-2027	0.8	1.1	1,105	7.8	---	24.0	On
EW-2028	0.7	1.1	995	8.9	---	24.0	On
EW-2029	0.8	1.1	1,110	6.9	---	24.0	On
EW-2030	1.4	1.6	2,018	10.1	---	24.0	On
EW-2031	1.5	1.6	2,096	10.8	---	24.0	On
EW-2032	0.4	0.8	628	9.2	---	24.0	On
EW-2033	0.4	1.0	649	10.0	---	24.0	On
EW-2034	0.8	1.0	1,137	8.3	23.7	24.0	On
EW-2035	0.9	1.4	1,473	8.9	21.2	24.0	On
EW-2036	0.8	1.0	1,069	12.9	38.0	24.0	On
EW-2037	0.7	1.5	963	3.7	43.7	24.0	On
EW-2101	20.0	20.2	28,701	9.0	52.8	23.9	On
EW-2102	16.1	19.3	23,348	14.1	55.9	23.9	On
EW-2103	13.1	14.7	18,756	16.2	49.0	24.0	On
EW-2104	39.9	42.6	59,337	12.9	64.0	24.0	On
EW-3001	0.0	0.0	0	1.8	15.1	0.0	Off
EW-3002	0.3	0.4	66	1.9	14.0	3.6	On
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

July 13, 2016 12AM to July 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	2	1.3	---	0.1	Off
EW-3005	0.5	0.6	641	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.1	1,276	-0.9	---	24.0	On
EW-3008	0.5	0.6	640	-0.8	---	24.0	On
EW-3009	3.0	3.1	4,291	-1.5	---	24.0	On
EW-3010	1.0	1.2	1,384	-2.4	---	24.0	On
EW-3011	0.0	0.5	4	0.2	22.7	0.3	Off
EW-3012	0.5	0.9	757	-5.0	25.7	24.0	On
EW-3013	1.0	2.3	1,360	-6.4	31.8	24.0	On
EW-3014	0.3	0.7	220	-8.0	36.3	11.9	On
EW-3015	0.9	2.9	1,391	-6.0	43.7	24.0	On
EW-3016	0.8	2.2	1,316	-4.4	49.0	24.0	On
EW-3017	0.3	0.7	140	-6.5	50.8	7.2	On
EW-3018	0.0	0.8	87	-9.5	50.5	4.8	Off
EW-3019	0.0	0.0	0	-2.3	51.2	24.0	On
EW-3020	3.3	3.4	4,788	-1.8	42.3	24.0	On
EW-3021	0.3	0.4	369	-0.3	34.4	19.3	On
EW-3022	0.5	0.8	724	-2.3	42.8	24.0	On
EW-3023	2.3	2.6	3,378	-5.1	27.0	24.0	On
EW-3024	0.4	0.6	559	1.0	---	22.7	On
EW-3025	2.6	2.7	3,685	-4.5	45.4	24.0	On
EW-3026	3.1	3.2	4,501	-9.0	46.8	24.0	On
EW-3027	0.3	0.7	353	0.2	---	18.6	On
EW-4001	1.9	2.4	2,794	-2.0	38.4	24.0	On
EW-4002	2.0	2.2	2,921	-47.1	15.4	24.0	On
EW-4003	2.1	2.2	2,960	-29.0	---	24.0	On
EW-4004	1.6	1.8	2,291	-12.2	17.0	24.0	On
EW-4005	2.1	2.2	2,951	-17.5	---	24.0	On
EW-4006	1.4	1.7	1,996	-51.2	39.7	24.0	On
EW-4007	1.0	1.2	1,481	-8.0	44.0	24.0	On
EW-4008	2.1	2.6	2,920	-7.5	47.4	24.0	On
EW-4009	1.0	1.4	1,466	-32.3	33.1	24.0	On
EW-4010	2.0	2.1	2,923	0.1	54.6	24.0	On
EW-4011	2.2	2.4	3,146	-25.0	54.6	24.0	On
EW-5001	2.1	2.2	2,926	-24.2	---	24.0	On
EW-5002	0.0	2.7	17	3.5	21.3	0.2	Off
EW Totals	**158.5**		**228,729**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	229.4	168 GPM
FIT-500	206 GPM	210.9	243 GPM
Effluent Temp	94.7 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 13, 2016 12AM to July 14, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	25.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 13, 2016 12AM to July 14, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	39.4
Permeate Flow	FIT-642	0 GPM	27.9
Concentrate Flow	FIT-643	0 GPM	10.7

Inlet Conductivity	CIT-630	831.3 µS
Outlet Conductivity	CIT-642	71.8 µS
Hours Run		8.5 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 14, 2016 12AM to July 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	2.7	2,626	1.5	45.3	24.0	On
EW-2002	0.8	2.4	1,107	5.5	44.4	24.0	On
EW-2003	1.1	2.7	1,562	4.9	36.2	24.0	On
EW-2004	0.4	0.6	724	8.4	30.9	24.0	On
EW-2005	0.4	0.5	588	7.5	28.9	24.0	On
EW-2006	1.0	1.1	1,308	6.4	25.8	24.0	On
EW-2007	1.7	3.7	2,396	8.1	22.1	24.0	On
EW-2008	0.5	1.3	752	2.5	24.8	24.0	On
EW-2009	1.1	2.3	1,597	3.4	24.9	24.0	On
EW-2010	0.3	0.5	271	5.6	24.0	15.2	On
EW-2011	0.3	0.5	337	8.5	22.4	17.5	On
EW-2012	0.3	4.6	158	12.2	15.9	8.1	On
EW-2013	0.4	0.8	225	17.4	16.0	10.9	On
EW-2014	1.0	2.4	1,412	12.9	23.0	24.0	On
EW-2015	0.5	0.7	539	12.2	16.7	20.7	On
EW-2016	0.6	0.6	743	11.2	---	23.3	On
EW-2017	1.4	2.9	1,946	12.3	---	24.0	On
EW-2018	0.6	1.7	847	10.8	---	24.0	On
EW-2019	0.0	0.4	194	11.7	---	10.8	Off
EW-2020	0.3	0.5	304	11.3	---	16.3	On
EW-2021	0.0	0.5	249	12.9	---	13.3	Off
EW-2022	0.4	0.5	461	11.7	---	22.0	On
EW-2023	0.4	0.5	455	12.7	---	18.9	On
EW-2024	0.4	0.5	211	10.2	---	10.6	On
EW-2025	0.8	2.1	1,134	10.8	---	24.0	On
EW-2026	0.6	1.6	813	10.2	---	24.0	On
EW-2027	0.8	2.1	1,117	7.8	---	24.0	On
EW-2028	0.7	1.9	1,008	8.8	---	24.0	On
EW-2029	0.8	2.0	1,124	6.8	---	24.0	On
EW-2030	1.5	3.2	2,040	10.3	---	24.0	On
EW-2031	1.5	3.4	2,137	11.0	---	24.0	On
EW-2032	0.5	1.0	643	9.1	---	24.0	On
EW-2033	0.4	1.4	631	10.0	---	24.0	On
EW-2034	0.8	1.2	1,162	8.4	24.0	24.0	On
EW-2035	1.1	2.0	1,364	6.5	22.0	24.0	On
EW-2036	0.8	2.0	1,106	12.9	40.5	24.0	On
EW-2037	0.7	2.2	986	3.8	46.3	24.0	On
EW-2101	20.7	21.3	23,832	9.1	52.8	24.0	On
EW-2102	15.7	17.1	19,731	14.6	55.6	24.0	On
EW-2103	13.1	17.4	14,975	16.4	51.9	24.0	On
EW-2104	42.3	42.5	45,573	13.2	68.7	24.0	On
EW-3001	0.0	0.0	0	1.8	15.7	0.0	Off
EW-3002	0.0	0.5	161	2.3	14.6	8.7	Off
EW-3003	0.0	0.0	0	4.3	14.5	0.0	Off

Daily Log

July 14, 2016 12AM to July 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	660	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	2.1	1,299	-0.9	---	24.0	On
EW-3008	0.5	0.6	660	-0.8	---	24.0	On
EW-3009	3.0	4.0	4,302	-1.5	---	24.0	On
EW-3010	1.0	2.3	1,364	-2.4	---	24.0	On
EW-3011	0.0	0.4	4	0.1	23.1	0.2	Off
EW-3012	0.6	0.9	773	-5.1	26.0	24.0	On
EW-3013	0.9	2.8	1,366	-6.3	32.1	24.0	On
EW-3014	0.3	0.5	150	-8.0	36.6	8.1	On
EW-3015	1.0	5.3	1,416	-6.1	43.7	23.9	On
EW-3016	0.7	3.3	1,195	-4.1	49.1	23.9	On
EW-3017	0.0	0.8	87	9.3	50.5	4.4	Off
EW-3018	0.0	1.2	86	-8.9	50.2	4.7	Off
EW-3019	0.0	6.2	111	10.7	50.7	14.9	Off
EW-3020	3.5	5.8	4,864	-2.1	44.5	24.0	On
EW-3021	0.0	0.7	394	0.9	35.6	20.1	Off
EW-3022	0.5	1.7	713	-2.5	44.2	24.0	On
EW-3023	2.4	2.7	3,443	-6.0	27.5	23.9	On
EW-3024	0.5	0.6	574	0.9	---	23.1	On
EW-3025	2.6	4.9	3,675	-4.5	46.8	24.0	On
EW-3026	3.1	4.3	4,484	-9.2	48.1	24.0	On
EW-3027	0.4	0.5	263	0.1	---	12.2	On
EW-4001	2.2	2.6	2,863	-2.8	40.8	24.0	On
EW-4002	2.1	5.1	2,920	-47.1	16.1	24.0	On
EW-4003	2.0	2.2	2,954	-27.0	---	24.0	On
EW-4004	1.7	1.8	2,325	-13.2	17.4	24.0	On
EW-4005	2.0	2.2	2,955	-16.6	---	24.0	On
EW-4006	1.4	3.4	1,976	-51.1	40.9	24.0	On
EW-4007	1.1	1.2	1,467	-8.4	45.4	24.0	On
EW-4008	2.1	2.8	2,960	-8.0	50.4	24.0	On
EW-4009	1.0	1.4	1,481	-33.0	33.5	24.0	On
EW-4010	2.1	2.4	3,062	-0.1	58.1	24.0	On
EW-4011	2.3	2.6	3,241	-26.9	58.0	24.0	On
EW-5001	2.0	2.2	2,930	-23.4	---	24.0	On
EW-5002	0.0	0.0	0	3.4	22.1	0.0	Off
EW Totals	**162.9**		**203,572**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	203.9	193 GPM
FIT-500	201 GPM	178.5	240 GPM
Effluent Temp	94.9 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 14, 2016 12AM to July 15, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	27.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 14, 2016 12AM to July 15, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	41.2
Permeate Flow	FIT-642	0 GPM	29.3
Concentrate Flow	FIT-643	0 GPM	11.1

Inlet Conductivity	CIT-630	921.9 µS
Outlet Conductivity	CIT-642	80.5 µS
Hours Run		6.8 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.0 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 15, 2016 12AM to July 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	3.0	2,470	1.5	43.7	22.2	On
EW-2002	0.8	5.2	1,053	5.6	42.9	22.1	On
EW-2003	1.1	4.6	1,524	5.0	34.9	22.1	On
EW-2004	0.4	0.5	590	9.0	29.8	22.1	On
EW-2005	0.4	0.6	542	8.7	27.9	22.1	On
EW-2006	0.7	2.1	1,031	9.3	24.9	22.1	On
EW-2007	1.7	5.1	2,267	8.2	21.7	22.1	On
EW-2008	0.5	2.8	710	2.6	24.2	22.1	On
EW-2009	1.1	5.4	1,473	3.6	24.7	22.1	On
EW-2010	0.3	0.6	255	5.7	23.4	14.2	On
EW-2011	0.3	0.6	319	9.1	21.9	16.2	On
EW-2012	0.0	0.5	182	12.8	16.6	10.2	Off
EW-2013	0.1	0.6	348	18.6	17.5	16.8	On
EW-2014	1.0	4.5	1,335	12.8	22.8	22.2	On
EW-2015	0.5	0.7	534	11.9	16.5	20.9	On
EW-2016	0.6	0.7	689	10.6	---	22.1	On
EW-2017	1.4	4.6	1,842	12.2	---	22.2	On
EW-2018	0.6	7.6	802	10.8	---	22.2	On
EW-2019	0.0	0.4	187	11.1	---	10.5	Off
EW-2020	0.0	0.4	290	10.2	---	15.8	Off
EW-2021	0.3	0.4	241	11.5	---	13.1	On
EW-2022	0.4	0.4	443	11.4	---	21.6	On
EW-2023	0.4	0.4	441	10.9	---	18.3	On
EW-2024	0.0	0.5	265	10.5	---	13.8	Off
EW-2025	0.8	7.3	1,075	10.8	---	22.1	On
EW-2026	0.6	7.6	777	10.2	---	22.1	On
EW-2027	0.8	7.5	1,060	7.8	---	22.2	On
EW-2028	0.7	7.4	953	8.8	---	22.2	On
EW-2029	0.8	7.5	1,063	6.8	---	22.2	On
EW-2030	1.5	7.5	1,924	10.2	---	22.2	On
EW-2031	1.5	7.8	2,016	10.9	---	22.2	On
EW-2032	0.5	7.0	617	9.1	---	22.2	On
EW-2033	0.4	7.6	586	10.0	---	22.2	On
EW-2034	0.8	1.5	1,103	8.4	24.4	22.2	On
EW-2035	1.1	2.2	1,460	6.6	21.8	22.2	On
EW-2036	0.8	3.9	1,059	12.9	39.5	22.1	On
EW-2037	0.7	5.7	927	3.8	45.1	22.1	On
EW-2101	20.6	24.3	25,664	9.3	54.0	21.5	On
EW-2102	15.4	17.4	19,668	15.0	56.2	20.8	On
EW-2103	13.1	17.2	17,244	16.3	51.3	22.1	On
EW-2104	42.3	43.7	56,019	13.0	68.2	22.1	On
EW-3001	0.0	0.5	4	1.8	15.8	0.2	Off
EW-3002	0.0	0.5	255	2.0	14.6	12.6	Off
EW-3003	0.0	0.4	3	4.3	14.4	0.2	Off

Daily Log

July 15, 2016 12AM to July 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	16	1.2	---	1.1	Off
EW-3005	0.5	0.5	563	-0.1	---	22.0	On
EW-3006	0.0	0.6	9	1.4	---	0.4	Off
EW-3007	1.0	6.2	1,295	-0.9	---	22.0	On
EW-3008	0.5	0.5	560	-0.8	---	22.0	On
EW-3009	3.0	7.0	4,169	-1.4	---	22.0	On
EW-3010	1.0	6.1	1,346	-2.4	---	22.0	On
EW-3011	0.0	0.7	59	-0.5	23.4	2.1	Off
EW-3012	0.5	0.8	678	-4.9	26.6	22.0	On
EW-3013	1.0	5.4	1,288	-6.4	32.8	22.0	On
EW-3014	0.0	0.7	214	-7.7	37.3	11.6	Off
EW-3015	1.0	5.5	1,408	-6.1	44.7	21.9	On
EW-3016	0.6	1.4	739	-1.7	50.2	18.9	On
EW-3017	0.3	1.0	100	-6.7	51.8	5.1	On
EW-3018	0.0	0.7	87	-9.0	51.5	4.6	Off
EW-3019	0.0	0.0	0	-1.5	52.2	12.5	On
EW-3020	3.4	5.9	4,687	-2.0	43.0	22.0	On
EW-3021	0.3	0.7	416	-0.3	35.6	20.8	On
EW-3022	0.5	4.2	731	-2.3	44.0	22.0	On
EW-3023	3.3	6.7	4,079	-6.5	27.7	21.6	On
EW-3024	0.5	0.5	528	0.7	---	21.7	On
EW-3025	2.5	5.3	3,489	-4.4	46.6	22.0	On
EW-3026	3.1	4.9	4,211	-9.1	47.9	22.0	On
EW-3027	0.0	0.5	242	0.3	---	10.9	Off
EW-4001	1.9	2.6	2,613	-1.7	39.9	21.7	On
EW-4002	2.0	6.8	2,755	-47.2	16.2	21.7	On
EW-4003	1.9	3.3	2,457	-25.5	---	21.7	On
EW-4004	1.5	1.9	2,014	-11.2	17.1	21.7	On
EW-4005	1.9	2.1	2,466	-15.0	---	21.7	On
EW-4006	1.4	5.2	1,923	-51.0	40.8	21.7	On
EW-4007	1.0	1.2	1,318	-7.4	45.1	21.7	On
EW-4008	1.9	2.8	2,560	-6.7	49.7	21.7	On
EW-4009	1.0	1.4	1,295	-30.7	34.2	21.7	On
EW-4010	2.0	2.5	2,729	0.5	55.1	21.7	On
EW-4011	2.1	2.4	2,749	-23.2	55.2	21.7	On
EW-5001	1.9	2.2	2,480	-21.9	---	21.7	On
EW-5002	0.0	0.0	0	3.6	21.9	0.0	Off
EW Totals	**160.4**		**211,581**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	210.9	197 GPM
FIT-500	199 GPM	174.1	243 GPM
Effluent Temp	94.9 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 15, 2016 12AM to July 16, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	33 GPM	0.0
RC-7003	FIT-665	33 GPM	31.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 15, 2016 12AM to July 16, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	48.7
Permeate Flow	FIT-642	0 GPM	34.6
Concentrate Flow	FIT-643	0 GPM	13.1

Inlet Conductivity	CIT-630	816.9 µS
Outlet Conductivity	CIT-642	63.7 µS
Hours Run		7.2 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 16, 2016 12AM to July 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.8	2,620	1.4	44.4	23.6	On
EW-2002	0.8	4.9	1,128	5.4	43.5	23.5	On
EW-2003	1.2	3.7	1,614	4.8	35.0	23.6	On
EW-2004	0.5	0.5	615	8.4	29.7	23.6	On
EW-2005	0.4	1.3	561	7.7	27.8	23.6	On
EW-2006	1.0	1.3	1,033	6.5	24.8	23.6	On
EW-2007	1.7	4.8	2,418	8.1	21.5	23.6	On
EW-2008	0.5	0.9	781	2.5	23.8	24.0	On
EW-2009	1.1	1.9	1,599	3.5	24.2	24.0	On
EW-2010	0.3	0.8	272	6.5	23.0	15.5	On
EW-2011	0.3	0.8	348	8.3	21.5	17.3	On
EW-2012	0.0	0.4	196	12.9	12.2	11.1	Off
EW-2013	0.3	1.3	389	18.0	12.2	18.6	On
EW-2014	0.9	4.5	1,441	13.0	10.2	24.0	On
EW-2015	0.4	0.7	591	13.9	10.2	23.3	On
EW-2016	0.4	0.7	746	10.5	---	24.0	On
EW-2017	1.4	1.6	2,000	12.2	---	24.0	On
EW-2018	0.6	1.0	856	11.2	---	24.0	On
EW-2019	0.3	0.4	197	11.8	---	11.1	On
EW-2020	0.3	0.4	309	10.6	---	16.8	On
EW-2021	0.3	0.3	256	11.8	---	13.9	On
EW-2022	0.3	0.5	495	11.6	---	23.8	On
EW-2023	0.4	0.5	473	10.8	---	19.6	On
EW-2024	0.3	0.5	282	9.8	---	14.7	On
EW-2025	0.7	1.2	1,153	11.2	---	24.0	On
EW-2026	0.6	1.2	827	10.6	---	24.0	On
EW-2027	0.8	1.3	1,128	8.2	---	24.0	On
EW-2028	0.7	1.3	1,018	9.2	---	24.0	On
EW-2029	0.8	1.3	1,132	7.2	---	24.0	On
EW-2030	1.4	1.9	2,071	10.4	---	24.0	On
EW-2031	1.4	2.0	2,164	11.1	---	24.0	On
EW-2032	0.5	1.1	657	9.5	---	24.0	On
EW-2033	0.4	1.2	627	10.4	---	24.0	On
EW-2034	0.0	0.8	711	20.5	22.2	14.7	Off
EW-2035	1.1	2.0	1,549	6.6	22.2	23.6	On
EW-2036	0.8	1.7	1,151	12.9	15.3	24.0	On
EW-2037	0.6	2.1	991	3.9	17.6	24.0	On
EW-2101	20.6	21.6	29,060	9.1	53.3	23.6	On
EW-2102	15.2	15.9	21,622	15.1	55.6	23.6	On
EW-2103	0.0	20.7	12,875	6.9	12.3	16.5	Off
EW-2104	0.0	42.8	37,285	-1.1	11.8	14.7	Off
EW-3001	0.0	0.0	0	1.8	12.1	0.0	Off
EW-3002	0.3	0.8	281	1.4	11.1	14.1	On
EW-3003	0.0	0.0	0	4.3	11.0	0.0	Off

Daily Log

July 16, 2016 12AM to July 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	6	1.3	---	0.4	Off
EW-3005	0.3	0.6	609	0.4	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.4	1,411	-0.8	---	24.0	On
EW-3008	0.3	0.6	604	-0.3	---	24.0	On
EW-3009	3.4	3.6	4,513	-1.4	---	24.0	On
EW-3010	1.2	1.5	1,539	-2.1	---	24.0	On
EW-3011	0.0	0.0	0	2.9	21.7	0.0	Off
EW-3012	0.4	2.1	727	-0.3	24.8	23.5	On
EW-3013	1.0	5.1	1,416	-6.2	31.3	23.6	On
EW-3014	0.0	0.5	134	7.5	36.1	7.5	Off
EW-3015	1.1	5.0	1,486	-5.9	43.7	23.5	On
EW-3016	0.6	1.7	856	-2.4	49.4	23.6	On
EW-3017	0.3	1.0	150	-7.4	51.1	7.9	On
EW-3018	0.0	1.2	87	-9.5	50.9	4.7	Off
EW-3019	0.0	0.0	0	-1.6	51.5	23.6	On
EW-3020	3.5	6.3	4,891	-2.2	43.5	23.6	On
EW-3021	0.3	0.8	468	-0.1	17.3	23.2	On
EW-3022	0.6	1.6	780	-2.4	25.8	24.0	On
EW-3023	0.0	3.4	2,876	6.2	23.1	14.7	Off
EW-3024	0.3	0.6	591	1.4	---	23.7	On
EW-3025	2.6	3.3	3,709	-4.3	28.4	24.0	On
EW-3026	3.1	4.5	4,529	-8.9	29.8	24.0	On
EW-3027	0.3	0.7	370	0.5	---	15.6	On
EW-4001	2.0	2.6	2,804	-1.9	15.6	24.0	On
EW-4002	2.0	2.3	2,945	-46.9	12.5	24.0	On
EW-4003	1.9	2.2	2,747	-26.8	---	24.0	On
EW-4004	1.7	2.2	2,211	-13.4	16.6	24.0	On
EW-4005	1.9	2.2	2,713	-15.6	---	24.0	On
EW-4006	1.4	2.5	2,052	-50.9	22.5	24.0	On
EW-4007	1.0	1.2	1,423	-6.8	26.9	24.0	On
EW-4008	0.0	3.2	1,898	-66.5	12.6	16.4	Off
EW-4009	0.9	1.8	1,406	-27.0	32.5	23.6	On
EW-4010	2.4	2.5	3,066	0.6	30.8	24.0	On
EW-4011	2.3	2.8	3,135	-26.5	30.6	24.0	On
EW-5001	1.9	2.3	2,730	-22.9	---	24.0	On
EW-5002	0.0	0.0	0	3.7	21.3	0.0	Off
EW Totals	**101.1**		**198,405**				

	Value	Total (KGal)	Peak Flow
FIT-100	102 GPM	198.5	165 GPM
FIT-500	0 GPM	182.2	242 GPM
Effluent Temp	95.6 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

July 16, 2016 12AM to July 17, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	10 GPM	0.0
RC-7003	FIT-665	10 GPM	25.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 16, 2016 12AM to July 17, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	40.4
Permeate Flow	FIT-642	0 GPM	28.6
Concentrate Flow	FIT-643	0 GPM	10.9

Inlet Conductivity	CIT-630	854.8 µS
Outlet Conductivity	CIT-642	74.4 µS
Hours Run		8.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 17, 2016 12AM to July 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.7	2,743	1.6	45.5	23.8	On
EW-2002	0.8	4.4	1,199	5.5	44.6	23.8	On
EW-2003	1.2	3.7	1,714	5.0	36.1	23.8	On
EW-2004	0.5	0.5	705	8.7	30.8	23.8	On
EW-2005	0.4	1.3	596	8.8	28.9	23.8	On
EW-2006	0.9	1.1	1,354	7.2	25.9	23.8	On
EW-2007	1.8	4.8	2,523	8.2	22.6	23.8	On
EW-2008	0.5	0.8	782	2.6	25.1	24.0	On
EW-2009	1.1	2.2	1,624	3.6	25.5	24.0	On
EW-2010	0.3	0.7	281	5.6	24.2	15.9	On
EW-2011	0.3	0.7	345	9.2	22.7	17.9	On
EW-2012	0.0	0.5	158	13.0	15.7	9.4	Off
EW-2013	0.4	0.6	404	17.2	15.7	19.2	On
EW-2014	1.0	1.2	1,456	12.8	23.0	24.0	On
EW-2015	0.0	0.6	588	13.0	16.7	22.4	Off
EW-2016	0.6	0.6	777	10.2	---	24.0	On
EW-2017	1.4	1.5	2,019	12.2	---	24.0	On
EW-2018	0.6	1.0	866	10.8	---	24.0	On
EW-2019	0.0	0.3	195	12.2	---	11.1	Off
EW-2020	0.3	0.4	312	10.2	---	17.0	On
EW-2021	0.3	0.4	256	11.5	---	13.9	On
EW-2022	0.4	0.4	498	11.3	---	24.0	On
EW-2023	0.0	0.4	473	12.1	---	19.7	Off
EW-2024	0.3	0.5	278	10.5	---	14.6	On
EW-2025	0.8	1.1	1,163	10.8	---	24.0	On
EW-2026	0.6	1.3	835	10.2	---	24.0	On
EW-2027	0.8	1.4	1,140	7.8	---	24.0	On
EW-2028	0.7	1.4	1,028	8.8	---	24.0	On
EW-2029	0.8	1.4	1,147	6.8	---	24.0	On
EW-2030	1.5	1.9	2,094	10.1	---	24.0	On
EW-2031	1.6	2.0	2,198	10.8	---	24.0	On
EW-2032	0.5	1.1	667	9.1	---	24.0	On
EW-2033	0.5	1.3	634	10.0	---	24.0	On
EW-2034	0.7	1.2	545	10.3	25.0	11.6	On
EW-2035	1.1	1.3	1,554	6.6	23.3	24.0	On
EW-2036	0.8	0.9	1,205	12.7	40.0	24.0	On
EW-2037	0.7	1.8	1,019	3.7	45.4	24.0	On
EW-2101	20.0	20.8	29,058	9.1	55.5	23.8	On
EW-2102	14.5	15.3	21,246	15.1	57.2	23.8	On
EW-2103	13.0	19.6	11,835	16.7	51.8	15.2	On
EW-2104	42.2	42.6	36,782	13.6	68.6	15.1	On
EW-3001	0.0	0.0	0	1.8	15.6	0.0	Off
EW-3002	0.0	0.4	372	1.8	14.5	18.8	Off
EW-3003	0.0	0.0	0	4.3	14.5	0.0	Off

Daily Log

July 17, 2016 12AM to July 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	647	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.3	1,462	-0.9	---	24.0	On
EW-3008	0.5	0.6	637	-0.8	---	24.0	On
EW-3009	3.0	3.6	4,675	-1.5	---	24.0	On
EW-3010	1.0	1.7	1,602	-2.4	---	24.0	On
EW-3011	0.0	1.7	3	-0.7	24.2	0.2	Off
EW-3012	0.6	2.1	743	-5.0	27.4	23.8	On
EW-3013	1.0	6.0	1,436	-6.4	33.8	23.8	On
EW-3014	0.0	0.5	126	-7.9	38.5	6.9	Off
EW-3015	1.0	5.0	1,496	-6.3	46.0	23.8	On
EW-3016	0.7	1.0	946	-3.5	51.6	23.8	On
EW-3017	0.0	1.0	146	-5.4	53.4	7.8	Off
EW-3018	0.0	0.6	87	-9.7	53.1	4.7	Off
EW-3019	0.0	0.0	0	-1.5	53.7	23.8	On
EW-3020	3.5	6.5	4,976	-2.1	44.6	23.8	On
EW-3021	0.3	0.7	488	-0.3	35.9	23.9	On
EW-3022	0.5	0.9	795	-2.5	44.3	24.0	On
EW-3023	3.2	6.9	2,314	-6.4	28.4	11.6	On
EW-3024	0.4	0.6	612	0.8	---	23.8	On
EW-3025	2.6	2.9	3,719	-4.4	46.8	24.0	On
EW-3026	3.1	3.3	4,526	-9.1	48.2	24.0	On
EW-3027	0.0	0.7	422	0.3	---	16.2	Off
EW-4001	1.9	2.6	2,781	-1.5	40.2	24.0	On
EW-4002	2.0	2.2	2,936	-47.1	16.0	24.0	On
EW-4003	1.9	2.1	2,766	-26.2	---	24.0	On
EW-4004	1.7	2.1	2,463	-12.7	17.6	24.0	On
EW-4005	1.9	2.2	2,773	-15.5	---	24.0	On
EW-4006	1.4	1.8	2,047	-51.1	41.1	24.0	On
EW-4007	0.9	1.2	1,393	-7.1	45.4	24.0	On
EW-4008	1.9	2.7	1,690	-6.3	50.2	15.1	On
EW-4009	1.0	1.7	1,416	-31.3	35.1	23.8	On
EW-4010	2.0	2.6	3,065	0.8	55.7	23.9	On
EW-4011	2.0	2.8	3,106	-23.7	55.5	23.9	On
EW-5001	2.0	2.2	2,800	-22.5	---	24.0	On
EW-5002	0.0	0.0	0	3.6	22.5	0.0	Off
EW Totals	**159.6**		**197,762**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	198.4	165 GPM
FIT-500	235 GPM	178.3	241 GPM
Effluent Temp	95.4 °F		
Effluent pH	7.1		

Recharge and Injection Daily Report

July 17, 2016 12AM to July 18, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	10 GPM	0.0
RC-7003	FIT-665	10 GPM	20.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 17, 2016 12AM to July 18, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	31.7
Permeate Flow	FIT-642	0 GPM	22.6
Concentrate Flow	FIT-643	0 GPM	8.4

Inlet Conductivity	CIT-630	833.3 µS
Outlet Conductivity	CIT-642	48.1 µS
Hours Run		6.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 18, 2016 12AM to July 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.6	2,736	1.6	46.1	24.0	On
EW-2002	0.9	2.4	1,192	5.4	45.1	24.0	On
EW-2003	1.2	2.6	1,751	4.9	36.5	24.0	On
EW-2004	0.5	0.5	704	8.9	31.0	24.0	On
EW-2005	0.5	0.5	590	8.4	29.0	24.0	On
EW-2006	1.0	1.0	1,344	7.0	25.9	24.0	On
EW-2007	1.8	3.4	2,583	8.0	22.4	24.0	On
EW-2008	0.5	1.2	768	2.4	23.8	24.0	On
EW-2009	1.1	2.1	1,602	3.4	24.2	24.0	On
EW-2010	0.0	0.5	274	5.6	23.2	15.6	Off
EW-2011	0.0	0.5	348	8.7	21.9	17.8	Off
EW-2012	0.0	0.4	115	12.5	15.8	7.3	Off
EW-2013	0.4	0.6	401	17.5	15.9	18.5	On
EW-2014	1.1	2.1	1,469	12.8	23.3	24.0	On
EW-2015	0.0	0.5	575	14.4	16.9	21.7	Off
EW-2016	0.6	0.6	768	10.3	---	24.0	On
EW-2017	1.4	2.6	2,009	12.1	---	24.0	On
EW-2018	0.6	1.4	871	10.8	---	24.0	On
EW-2019	0.3	0.3	200	10.8	---	11.3	On
EW-2020	0.0	0.4	314	10.2	---	17.0	Off
EW-2021	0.0	0.3	256	11.8	---	13.9	Off
EW-2022	0.4	0.4	496	11.3	---	24.0	On
EW-2023	0.0	0.4	478	12.9	---	19.9	Off
EW-2024	0.0	0.5	280	10.8	---	14.6	Off
EW-2025	0.8	1.8	1,165	10.8	---	24.0	On
EW-2026	0.6	1.4	836	10.2	---	24.0	On
EW-2027	0.8	1.6	1,138	7.8	---	24.0	On
EW-2028	0.7	1.5	1,028	8.8	---	24.0	On
EW-2029	0.8	1.6	1,146	6.8	---	24.0	On
EW-2030	1.5	2.7	2,100	10.1	---	24.0	On
EW-2031	1.5	2.8	2,195	10.8	---	24.0	On
EW-2032	0.5	0.8	667	9.1	---	24.0	On
EW-2033	0.5	1.3	632	10.0	---	24.0	On
EW-2034	0.6	0.9	966	12.3	25.1	24.0	On
EW-2035	1.1	1.7	1,561	6.6	23.5	24.0	On
EW-2036	0.8	2.0	1,202	12.9	41.0	24.0	On
EW-2037	0.7	2.0	1,002	3.7	46.4	24.0	On
EW-2101	19.8	20.2	28,623	9.1	55.8	24.0	On
EW-2102	14.2	14.7	20,652	15.2	57.4	24.0	On
EW-2103	13.1	17.4	18,743	16.8	52.3	24.0	On
EW-2104	42.1	42.5	60,692	13.5	68.9	24.0	On
EW-3001	0.0	0.0	0	1.8	15.7	0.0	Off
EW-3002	0.0	0.5	260	1.4	14.7	13.9	Off
EW-3003	0.0	0.0	0	4.3	14.6	0.0	Off

Daily Log

July 18, 2016 12AM to July 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.5	633	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.7	1,317	-1.0	---	24.0	On
EW-3008	0.5	0.5	631	-0.8	---	24.0	On
EW-3009	3.0	3.6	4,325	-1.5	---	24.0	On
EW-3010	1.0	1.9	1,395	-2.4	---	24.0	On
EW-3011	0.0	0.2	0	-0.7	24.4	0.0	Off
EW-3012	0.6	0.7	748	-5.0	27.7	24.0	On
EW-3013	1.0	2.3	1,346	-6.5	34.3	24.0	On
EW-3014	0.3	0.5	226	-8.7	39.2	12.6	On
EW-3015	1.0	2.5	1,451	-6.3	46.5	24.0	On
EW-3016	0.7	0.8	999	-4.5	52.1	24.0	On
EW-3017	0.0	0.8	147	-6.5	53.8	7.8	Off
EW-3018	0.0	0.6	86	-9.2	53.6	4.7	Off
EW-3019	0.0	0.0	0	-1.6	54.2	24.0	On
EW-3020	3.5	5.6	5,000	-2.2	45.2	24.0	On
EW-3021	0.4	0.5	478	-0.3	36.4	23.8	On
EW-3022	0.5	1.6	748	-2.4	44.8	24.0	On
EW-3023	3.1	6.0	4,531	-6.3	28.6	24.0	On
EW-3024	0.0	0.5	592	0.8	---	23.6	Off
EW-3025	2.6	4.8	3,677	-4.5	47.5	24.0	On
EW-3026	3.1	4.2	4,514	-9.1	48.8	24.0	On
EW-3027	0.0	0.5	260	0.4	---	11.3	Off
EW-4001	2.2	2.2	2,893	-2.5	41.3	24.0	On
EW-4002	2.1	4.6	2,933	-47.1	16.1	24.0	On
EW-4003	1.9	2.0	2,728	-26.7	---	24.0	On
EW-4004	1.8	1.8	2,439	-13.1	17.6	24.0	On
EW-4005	1.9	1.9	2,711	-15.8	---	24.0	On
EW-4006	1.4	3.4	2,020	-51.1	41.6	24.0	On
EW-4007	1.0	1.1	1,385	-7.7	45.9	24.0	On
EW-4008	2.1	2.2	2,855	-7.5	50.8	24.0	On
EW-4009	1.0	1.1	1,446	-31.3	35.5	24.0	On
EW-4010	2.1	2.2	2,975	0.4	57.7	24.0	On
EW-4011	2.2	2.4	3,117	-26.8	57.7	24.0	On
EW-5001	2.0	2.0	2,759	-22.4	---	24.0	On
EW-5002	0.0	0.0	0	3.6	22.5	0.0	Off
EW Totals	**158.9**		**230,099**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	229.7	182 GPM
FIT-500	0 GPM	200.4	241 GPM
Effluent Temp	94.7 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

July 18, 2016 12AM to July 19, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	34 GPM	0.0
RC-7003	FIT-665	34 GPM	24.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 18, 2016 12AM to July 19, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	36.5
Permeate Flow	FIT-642	0 GPM	26.1
Concentrate Flow	FIT-643	0 GPM	9.7

Inlet Conductivity	CIT-630	815.7 µS
Outlet Conductivity	CIT-642	54.1 µS
Hours Run		5.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 19, 2016 12AM to July 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.9	2,703	1.8	45.2	24.0	On
EW-2002	0.8	3.3	1,183	5.6	44.4	24.0	On
EW-2003	1.2	4.2	1,744	5.0	36.0	24.0	On
EW-2004	0.5	5.8	687	9.0	30.7	23.6	On
EW-2005	0.3	0.9	588	9.5	28.7	24.0	On
EW-2006	0.7	6.7	1,112	8.9	25.8	23.1	On
EW-2007	1.8	5.0	2,585	8.0	22.8	24.0	On
EW-2008	0.5	2.7	762	2.6	24.8	23.5	On
EW-2009	1.0	5.4	1,577	3.6	25.2	23.5	On
EW-2010	0.3	0.6	268	6.5	24.1	15.2	On
EW-2011	0.3	0.6	344	9.5	22.5	17.1	On
EW-2012	0.0	0.4	121	13.0	16.3	7.5	Off
EW-2013	0.3	0.5	392	18.3	16.3	18.2	On
EW-2014	1.0	3.7	1,475	12.9	23.1	24.0	On
EW-2015	0.3	0.7	606	11.9	17.3	23.3	On
EW-2016	0.4	0.7	746	10.9	---	24.0	On
EW-2017	1.4	4.5	2,012	12.3	---	24.0	On
EW-2018	0.6	2.3	872	11.2	---	24.0	On
EW-2019	0.3	0.4	196	13.2	---	11.0	On
EW-2020	0.3	0.4	314	12.0	---	16.9	On
EW-2021	0.3	0.4	255	13.1	---	13.8	On
EW-2022	0.3	0.5	492	11.4	---	23.8	On
EW-2023	0.4	0.4	481	11.1	---	20.0	On
EW-2024	0.3	0.6	281	11.5	---	14.4	On
EW-2025	0.6	2.8	1,164	11.2	---	24.0	On
EW-2026	0.6	2.0	835	10.6	---	24.0	On
EW-2027	0.8	2.9	1,135	8.2	---	24.0	On
EW-2028	0.7	2.6	1,026	9.2	---	24.0	On
EW-2029	0.8	3.1	1,145	7.2	---	24.0	On
EW-2030	1.4	5.1	2,095	10.3	---	24.0	On
EW-2031	1.4	5.4	2,177	11.0	---	24.0	On
EW-2032	0.4	1.4	666	9.5	---	24.0	On
EW-2033	0.5	1.6	639	10.4	---	24.0	On
EW-2034	0.9	3.5	1,075	8.1	26.1	23.8	On
EW-2035	1.1	1.8	1,577	6.7	24.0	24.0	On
EW-2036	0.8	3.8	1,185	12.9	39.2	23.5	On
EW-2037	0.7	5.3	986	3.8	44.8	23.5	On
EW-2101	19.7	23.2	28,269	9.2	56.1	23.9	On
EW-2102	14.2	17.7	20,313	15.2	57.8	23.9	On
EW-2103	9.9	17.0	15,449	17.1	48.9	23.5	On
EW-2104	42.4	43.5	59,908	13.5	67.1	23.5	On
EW-3001	0.0	0.0	0	1.8	16.2	0.0	Off
EW-3002	0.0	0.5	284	2.1	15.2	14.7	Off
EW-3003	0.0	0.0	0	4.3	15.2	0.0	Off

Daily Log

July 19, 2016 12AM to July 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	5	1.3	---	0.3	Off
EW-3005	0.3	0.5	595	0.0	---	23.5	On
EW-3006	0.0	0.5	2	1.4	---	0.1	Off
EW-3007	0.7	6.0	1,290	-0.7	---	23.5	On
EW-3008	0.3	0.5	594	-0.6	---	23.5	On
EW-3009	3.0	6.8	4,347	-1.5	---	23.5	On
EW-3010	0.8	6.0	1,365	-2.1	---	23.5	On
EW-3011	0.0	0.8	7	-0.6	25.1	0.3	Off
EW-3012	0.5	0.8	718	-4.9	28.4	23.5	On
EW-3013	0.9	5.1	1,341	-6.4	34.9	23.5	On
EW-3014	0.0	5.1	222	-7.5	39.6	12.1	Off
EW-3015	1.0	4.7	1,454	-6.2	46.9	23.5	On
EW-3016	0.7	2.6	934	-3.2	52.3	23.2	On
EW-3017	0.0	0.8	146	-5.4	54.1	7.7	Off
EW-3018	0.0	1.0	86	-8.8	53.8	4.6	On
EW-3019	0.9	4.6	526	-1.6	54.6	23.1	On
EW-3020	3.5	6.1	4,958	-2.2	44.4	23.5	On
EW-3021	0.3	0.5	457	-0.3	35.3	22.9	On
EW-3022	0.5	4.1	736	-2.4	43.4	23.5	On
EW-3023	3.0	6.4	4,393	-6.5	29.3	23.5	On
EW-3024	0.3	0.5	587	1.0	---	23.5	On
EW-3025	2.5	5.1	3,669	-4.3	46.0	23.5	On
EW-3026	3.1	4.9	4,485	-8.9	47.4	23.5	On
EW-3027	0.3	0.5	459	0.1	---	19.0	On
EW-4001	1.9	2.4	2,868	-1.8	39.4	23.4	On
EW-4002	1.9	6.7	2,900	-46.9	16.6	23.4	On
EW-4003	1.8	9.0	2,650	-26.4	---	23.4	On
EW-4004	1.5	1.8	2,239	-11.9	18.2	23.4	On
EW-4005	1.8	2.0	2,637	-15.6	---	23.4	On
EW-4006	1.4	4.9	1,997	-51.1	40.3	23.4	On
EW-4007	0.9	1.1	1,406	-7.3	44.5	23.4	On
EW-4008	2.1	2.5	2,894	-7.6	48.3	23.4	On
EW-4009	1.0	1.3	1,396	-31.2	36.2	23.4	On
EW-4010	2.3	2.4	3,124	0.3	57.1	23.4	On
EW-4011	2.2	2.5	3,066	-25.0	56.9	23.4	On
EW-5001	1.8	2.1	2,657	-21.9	---	23.4	On
EW-5002	0.0	0.0	0	3.7	23.1	0.0	Off
EW Totals	**155.1**		**224,933**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	224.2	184 GPM
FIT-500	210 GPM	202.6	241 GPM
Effluent Temp	94.7 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

July 19, 2016 12AM to July 20, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	28.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 19, 2016 12AM to July 20, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	44.4
Permeate Flow	FIT-642	0 GPM	31.6
Concentrate Flow	FIT-643	0 GPM	11.9

Inlet Conductivity	CIT-630	814.0 µS
Outlet Conductivity	CIT-642	54.4 µS
Hours Run		6.7 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 20, 2016 12AM to July 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.9	2,421	1.6	44.9	21.4	On
EW-2002	0.8	5.2	1,067	5.4	44.0	21.4	On
EW-2003	1.2	4.1	1,566	5.0	35.5	21.4	On
EW-2004	0.4	0.6	613	9.5	30.0	21.4	On
EW-2005	0.3	0.6	478	10.0	28.0	21.4	On
EW-2006	0.6	1.0	946	9.0	25.2	21.4	On
EW-2007	1.8	5.0	2,326	8.0	22.1	21.4	On
EW-2008	0.5	2.8	700	2.6	24.6	21.4	On
EW-2009	1.1	5.3	1,430	3.6	25.0	21.4	On
EW-2010	0.3	0.6	249	6.4	23.7	14.0	On
EW-2011	0.3	0.6	319	9.2	22.3	16.1	On
EW-2012	0.3	0.5	185	12.4	16.1	10.4	On
EW-2013	0.3	0.5	353	18.4	16.2	17.1	On
EW-2014	1.0	4.6	1,343	12.8	22.7	21.5	On
EW-2015	0.3	0.7	552	12.0	16.7	21.0	On
EW-2016	0.4	0.9	681	10.8	---	21.5	On
EW-2017	1.4	4.6	1,846	12.2	---	21.5	On
EW-2018	0.4	7.5	807	11.0	---	21.5	On
EW-2019	0.3	0.4	191	11.9	---	10.8	On
EW-2020	0.0	0.5	291	11.8	---	15.7	Off
EW-2021	0.3	0.4	239	12.3	---	13.0	On
EW-2022	0.3	0.5	442	11.5	---	21.4	On
EW-2023	0.4	0.5	442	11.0	---	18.3	On
EW-2024	0.0	0.5	265	10.1	---	13.8	Off
EW-2025	0.7	7.2	1,076	10.9	---	21.5	On
EW-2026	0.4	7.5	786	10.4	---	21.5	On
EW-2027	0.6	7.4	1,050	8.0	---	21.5	On
EW-2028	0.5	7.3	943	9.0	---	21.5	On
EW-2029	0.7	7.4	1,060	6.9	---	21.5	On
EW-2030	1.4	7.3	1,908	10.2	---	21.5	On
EW-2031	1.5	7.6	2,004	10.9	---	21.5	On
EW-2032	0.3	6.9	620	9.3	---	21.5	On
EW-2033	0.2	7.5	607	10.2	---	21.5	On
EW-2034	0.9	4.2	1,174	8.2	25.5	21.5	On
EW-2035	1.1	2.0	1,419	6.6	23.4	21.5	On
EW-2036	0.8	4.3	1,092	12.7	39.4	21.4	On
EW-2037	0.6	5.7	905	3.8	44.7	21.4	On
EW-2101	19.6	20.7	24,964	9.3	55.8	21.3	On
EW-2102	14.0	17.4	18,039	15.4	57.5	21.4	On
EW-2103	13.0	13.9	14,789	17.0	49.8	21.4	On
EW-2104	40.0	43.4	52,814	13.8	64.8	21.4	On
EW-3001	0.0	0.5	9	1.8	16.1	0.5	Off
EW-3002	0.3	0.5	332	1.5	14.7	15.8	On
EW-3003	0.0	0.4	5	4.3	14.5	0.3	Off

Daily Log

July 20, 2016 12AM to July 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	19	1.2	---	1.4	Off
EW-3005	0.3	0.6	558	-0.1	---	21.3	On
EW-3006	0.0	0.5	11	1.4	---	0.5	Off
EW-3007	0.8	6.2	1,296	-0.9	---	21.3	On
EW-3008	0.3	0.6	549	-0.7	---	21.3	On
EW-3009	3.0	6.9	4,152	-1.5	---	21.3	On
EW-3010	0.9	6.0	1,352	-2.3	---	21.3	On
EW-3011	0.0	0.7	23	-0.5	24.6	0.8	Off
EW-3012	0.5	0.8	652	-4.3	27.9	21.3	On
EW-3013	0.9	5.1	1,225	-6.5	34.5	21.3	On
EW-3014	0.0	0.7	217	-8.3	39.2	11.8	Off
EW-3015	1.0	4.8	1,354	-6.3	46.5	21.3	On
EW-3016	0.6	1.0	813	-2.2	52.1	21.3	On
EW-3017	0.0	0.7	146	-6.1	53.7	7.5	Off
EW-3018	0.0	0.6	86	-9.6	53.5	4.5	Off
EW-3019	0.9	4.1	1,195	-1.6	54.3	21.3	On
EW-3020	3.5	5.7	4,535	-2.2	44.1	21.3	On
EW-3021	0.3	0.5	419	-0.1	35.6	20.5	On
EW-3022	0.5	4.2	754	-2.5	44.5	21.3	On
EW-3023	3.0	6.2	4,012	-6.4	28.9	21.3	On
EW-3024	0.3	0.6	538	1.1	---	21.2	On
EW-3025	2.6	5.1	3,432	-4.5	47.2	21.3	On
EW-3026	3.2	4.3	4,117	-9.2	48.6	21.3	On
EW-3027	0.3	0.6	555	0.1	---	21.3	On
EW-4001	2.1	2.2	2,608	-2.0	39.8	21.2	On
EW-4002	2.0	6.7	2,677	-46.8	16.8	21.2	On
EW-4003	1.8	2.7	2,425	-25.9	---	21.2	On
EW-4004	1.4	1.8	1,921	-10.7	17.5	21.2	On
EW-4005	1.9	2.1	2,476	-16.3	---	21.2	On
EW-4006	1.4	4.9	1,878	-50.9	41.1	21.2	On
EW-4007	1.0	1.1	1,285	-7.5	45.6	21.2	On
EW-4008	2.0	2.4	2,620	-6.9	48.4	21.2	On
EW-4009	0.9	1.4	1,236	-28.8	35.9	21.2	On
EW-4010	2.3	2.4	2,993	0.5	56.8	21.2	On
EW-4011	2.1	2.3	2,706	-23.4	56.6	21.2	On
EW-5001	1.9	2.2	2,456	-22.2	---	21.2	On
EW-5002	0.0	2.3	10	3.9	22.3	0.1	Off
EW Totals	**155.5**		**204,645**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	203.4	188 GPM
FIT-500	201 GPM	175.3	242 GPM
Effluent Temp	95.2 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 20, 2016 12AM to July 21, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	30.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 20, 2016 12AM to July 21, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	46.9
Permeate Flow	FIT-642	0 GPM	33.3
Concentrate Flow	FIT-643	0 GPM	12.6

Inlet Conductivity	CIT-630	809.6 µS
Outlet Conductivity	CIT-642	54.7 µS
Hours Run		7.4 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.8 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 21, 2016 12AM to July 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	3.0	1,993	1.4	46.9	17.3	On
EW-2002	0.8	5.2	884	5.3	46.0	17.3	On
EW-2003	1.3	4.5	1,315	4.8	37.2	17.3	On
EW-2004	0.5	0.8	499	8.9	31.4	17.3	On
EW-2005	0.4	0.7	402	8.7	29.3	17.3	On
EW-2006	0.7	1.2	767	8.9	26.3	17.3	On
EW-2007	1.8	5.1	1,898	8.0	23.0	17.3	On
EW-2008	0.5	3.0	570	2.6	25.5	17.1	On
EW-2009	1.1	5.6	1,153	3.6	25.9	17.1	On
EW-2010	0.3	0.6	204	6.3	24.6	11.4	On
EW-2011	0.3	0.7	259	9.3	23.1	13.1	On
EW-2012	0.0	0.5	163	12.5	15.8	9.3	Off
EW-2013	0.3	0.6	311	17.9	15.9	15.3	On
EW-2014	1.1	4.6	1,176	12.8	23.3	18.8	On
EW-2015	0.5	0.7	494	12.0	16.8	18.6	On
EW-2016	0.6	1.0	603	10.8	---	18.8	On
EW-2017	1.5	4.6	1,645	12.1	---	18.8	On
EW-2018	0.6	7.7	715	10.8	---	18.8	On
EW-2019	0.3	0.4	172	11.4	---	9.7	On
EW-2020	0.0	0.5	261	11.3	---	14.1	Off
EW-2021	0.0	0.4	213	12.8	---	11.6	Off
EW-2022	0.4	0.5	388	11.6	---	18.7	On
EW-2023	0.4	0.5	404	10.7	---	16.6	On
EW-2024	0.0	0.5	236	11.0	---	12.4	Off
EW-2025	0.8	7.5	955	10.8	---	18.7	On
EW-2026	0.6	7.6	704	10.2	---	18.8	On
EW-2027	0.8	7.5	930	7.8	---	18.8	On
EW-2028	0.7	7.5	836	8.8	---	18.8	On
EW-2029	0.8	7.5	939	6.8	---	18.8	On
EW-2030	1.5	7.5	1,679	10.2	---	18.8	On
EW-2031	1.6	7.9	1,787	10.8	---	18.8	On
EW-2032	0.5	7.0	548	9.1	---	18.8	On
EW-2033	0.5	7.7	542	10.0	---	18.8	On
EW-2034	0.9	4.3	952	8.1	27.8	17.3	On
EW-2035	1.1	2.0	1,129	6.4	23.8	17.1	On
EW-2036	0.9	5.3	970	12.6	40.7	18.6	On
EW-2037	0.7	6.8	801	3.7	45.7	18.6	On
EW-2101	18.3	24.1	17,321	10.2	62.1	15.9	On
EW-2102	20.1	23.1	16,024	15.2	65.9	15.9	On
EW-2103	13.1	17.0	12,477	17.1	52.0	17.2	On
EW-2104	42.1	42.3	39,216	14.0	69.0	17.2	On
EW-3001	0.0	0.5	23	1.8	15.8	1.2	Off
EW-3002	0.4	0.6	346	1.4	14.7	15.3	On
EW-3003	0.0	0.4	11	4.3	14.6	0.7	Off

Daily Log

July 21, 2016 12AM to July 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	37	1.3	---	2.6	Off
EW-3005	0.5	0.5	488	0.0	---	18.3	On
EW-3006	0.0	0.5	16	1.4	---	0.8	Off
EW-3007	1.1	6.4	1,274	-1.0	---	18.2	On
EW-3008	0.5	0.6	475	-0.7	---	18.3	On
EW-3009	3.3	7.1	3,853	-1.6	---	18.3	On
EW-3010	1.2	6.3	1,319	-2.4	---	18.2	On
EW-3011	0.0	0.9	31	-0.4	26.8	1.2	Off
EW-3012	0.6	0.9	522	-4.0	30.9	16.8	On
EW-3013	0.9	6.1	985	-6.4	38.6	16.8	On
EW-3014	0.0	0.7	182	-8.1	44.0	9.9	Off
EW-3015	1.0	6.4	1,112	-6.2	52.5	16.8	On
EW-3016	0.6	1.1	589	-1.3	58.8	16.8	On
EW-3017	0.0	1.0	126	-5.5	60.2	6.5	Off
EW-3018	0.5	0.6	76	-9.5	60.1	4.0	On
EW-3019	0.9	6.4	961	-1.4	60.9	16.8	On
EW-3020	3.5	6.4	3,603	-2.2	46.0	16.8	On
EW-3021	0.3	0.7	359	-0.2	37.0	17.0	On
EW-3022	0.6	4.8	757	-2.4	46.5	18.3	On
EW-3023	3.1	7.1	3,229	-6.5	31.2	16.8	On
EW-3024	0.5	0.5	456	1.0	---	18.1	On
EW-3025	2.8	5.7	3,132	-4.5	49.4	18.3	On
EW-3026	3.2	4.8	3,631	-9.1	50.8	18.3	On
EW-3027	0.5	0.5	471	0.1	---	18.3	On
EW-4001	2.1	2.7	1,917	-1.1	41.0	15.2	On
EW-4002	2.1	7.0	1,980	-46.9	16.3	15.2	On
EW-4003	1.9	2.2	1,712	-24.1	---	15.2	On
EW-4004	1.5	1.9	1,350	-9.7	18.1	15.2	On
EW-4005	1.9	2.2	1,750	-14.0	---	15.2	On
EW-4006	1.5	6.1	1,417	-51.2	43.0	15.2	On
EW-4007	1.1	1.2	968	-6.6	47.7	15.2	On
EW-4008	2.0	2.8	1,810	-5.8	50.6	15.2	On
EW-4009	1.0	1.4	864	-27.5	40.0	15.2	On
EW-4010	2.0	2.6	1,965	1.5	56.0	15.2	On
EW-4011	2.1	2.6	1,918	-22.1	55.8	15.2	On
EW-5001	1.9	3.3	1,734	-19.9	---	15.2	On
EW-5002	0.0	0.0	0	4.5	23.2	0.0	Off
EW Totals	**167.4**		**161,987**				

	Value	Total (KGal)	Peak Flow
FIT-100	166 GPM	160.8	184 GPM
FIT-500	67 GPM	130.0	245 GPM
Effluent Temp	94.9 °F		
Effluent pH	7.0		

Recharge and Injection Daily Report

July 21, 2016 12AM to July 22, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	26.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 21, 2016 12AM to July 22, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	40.8
Permeate Flow	FIT-642	69 GPM	29.0
Concentrate Flow	FIT-643	25 GPM	10.9

Inlet Conductivity	CIT-630	819.7 µS
Outlet Conductivity	CIT-642	23.2 µS
Hours Run		7.9 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	95.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 22, 2016 12AM to July 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,747	1.7	46.2	24.0	On
EW-2002	0.8	0.9	1,195	5.6	45.2	24.0	On
EW-2003	1.2	1.3	1,773	5.0	36.7	24.0	On
EW-2004	0.4	0.6	771	9.0	31.3	24.0	On
EW-2005	0.4	0.5	590	9.0	29.4	24.0	On
EW-2006	0.7	0.9	1,163	8.6	26.3	24.0	On
EW-2007	1.8	1.9	2,589	8.1	23.2	24.0	On
EW-2008	0.6	0.7	788	2.6	26.0	24.0	On
EW-2009	1.2	1.3	1,607	3.6	26.4	24.0	On
EW-2010	0.3	0.4	272	6.1	25.1	15.4	On
EW-2011	0.3	0.5	352	9.3	23.6	17.5	On
EW-2012	0.3	0.4	198	12.4	15.9	11.4	On
EW-2013	0.3	0.5	396	18.6	16.0	18.8	On
EW-2014	1.0	1.5	1,492	12.9	21.4	24.0	On
EW-2015	0.3	0.6	620	11.8	16.2	22.9	On
EW-2016	0.4	0.6	753	11.0	---	24.0	On
EW-2017	1.4	1.5	2,093	12.2	---	24.0	On
EW-2018	0.3	0.9	893	11.2	---	24.0	On
EW-2019	0.0	0.3	212	11.2	---	11.9	Off
EW-2020	0.3	0.4	329	10.1	---	17.4	On
EW-2021	0.0	0.3	265	12.4	---	14.2	Off
EW-2022	0.3	0.4	513	11.3	---	23.9	On
EW-2023	0.4	0.4	507	11.1	---	20.8	On
EW-2024	0.0	0.5	296	10.1	---	14.7	Off
EW-2025	0.6	1.0	1,195	11.1	---	24.0	On
EW-2026	0.3	0.9	873	10.6	---	24.0	On
EW-2027	0.6	1.0	1,155	8.1	---	24.0	On
EW-2028	0.5	1.0	1,037	9.2	---	24.0	On
EW-2029	0.6	1.0	1,172	7.2	---	24.0	On
EW-2030	1.4	1.6	2,122	10.3	---	24.0	On
EW-2031	1.5	1.7	2,270	11.0	---	24.0	On
EW-2032	0.2	0.7	680	9.5	---	24.0	On
EW-2033	0.2	0.7	661	10.4	---	24.0	On
EW-2034	0.8	1.2	1,291	8.2	28.2	24.0	On
EW-2035	1.1	1.1	1,575	6.5	24.8	24.0	On
EW-2036	0.8	1.6	1,223	12.8	36.1	24.0	On
EW-2037	0.7	1.9	995	3.7	40.8	24.0	On
EW-2101	18.1	19.1	24,969	10.1	63.1	24.0	On
EW-2102	20.1	20.2	25,741	14.9	66.7	24.0	On
EW-2103	13.0	15.1	18,761	17.0	44.9	24.0	On
EW-2104	35.1	42.3	55,130	14.3	55.6	24.0	On
EW-3001	0.0	0.0	0	1.8	15.8	0.0	Off
EW-3002	0.3	0.5	386	1.4	14.8	19.0	On
EW-3003	0.0	0.0	0	4.3	14.6	0.0	Off

Daily Log

July 22, 2016 12AM to July 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.3	0.5	612	0.0	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	1.2	1,421	-0.8	---	24.0	On
EW-3008	0.3	0.5	611	-0.6	---	24.0	On
EW-3009	3.0	3.3	4,487	-1.5	---	24.0	On
EW-3010	1.0	1.3	1,602	-2.2	---	24.0	On
EW-3011	0.0	0.0	0	-0.3	27.3	0.0	Off
EW-3012	0.4	0.6	746	-3.7	31.4	24.0	On
EW-3013	0.9	1.5	1,345	-6.2	39.5	24.0	On
EW-3014	0.3	0.4	234	-7.8	45.1	13.0	On
EW-3015	1.0	1.5	1,489	-6.2	53.6	24.0	On
EW-3016	0.6	0.8	968	-1.1	59.7	24.0	On
EW-3017	0.0	0.7	156	-7.6	61.2	8.3	Off
EW-3018	0.0	0.7	88	-9.1	61.0	4.8	Off
EW-3019	0.9	1.5	1,330	-1.5	61.7	24.0	On
EW-3020	3.5	3.5	5,052	-2.0	45.3	24.0	On
EW-3021	0.3	0.7	475	-0.3	33.6	23.7	On
EW-3022	0.6	1.1	895	-2.4	42.6	24.0	On
EW-3023	2.9	3.2	4,307	-6.5	31.6	24.0	On
EW-3024	0.3	0.5	609	1.0	---	24.0	On
EW-3025	2.7	2.9	3,943	-4.5	45.4	24.0	On
EW-3026	3.2	3.3	4,602	-9.1	46.7	24.0	On
EW-3027	0.3	0.5	608	0.1	---	24.0	On
EW-4001	2.0	2.6	2,987	-1.6	36.4	24.0	On
EW-4002	1.9	2.2	2,998	-47.0	16.2	24.0	On
EW-4003	1.8	2.0	2,745	-25.5	---	24.0	On
EW-4004	1.4	1.7	2,244	-10.7	18.4	24.0	On
EW-4005	1.8	2.0	2,724	-14.8	---	24.0	On
EW-4006	1.4	2.0	2,119	-51.1	39.2	24.0	On
EW-4007	1.0	1.2	1,498	-7.2	43.8	24.0	On
EW-4008	2.1	2.8	2,951	-7.1	43.5	24.0	On
EW-4009	0.9	1.1	1,426	-29.1	40.7	24.0	On
EW-4010	2.1	2.1	2,993	1.0	52.1	24.0	On
EW-4011	2.2	2.4	3,143	-25.9	52.0	24.0	On
EW-5001	1.8	2.0	2,740	-21.3	---	24.0	On
EW-5002	0.0	0.0	0	4.2	23.5	0.0	Off
EW Totals	**154.5**		**229,796**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	228.2	169 GPM
FIT-500	208 GPM	214.8	240 GPM
Effluent Temp	94.0 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

July 22, 2016 12AM to July 23, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	26.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 22, 2016 12AM to July 23, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	11 GPM	40.2
Permeate Flow	FIT-642	0 GPM	28.4
Concentrate Flow	FIT-643	0 GPM	10.9

Inlet Conductivity	CIT-630	857.1 µS
Outlet Conductivity	CIT-642	509.9 µS
Hours Run		7.3 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	94.9 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 23, 2016 12AM to July 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,727	1.8	46.2	24.0	On
EW-2002	0.8	0.9	1,185	5.6	45.3	24.0	On
EW-2003	1.2	1.2	1,720	5.1	36.7	24.0	On
EW-2004	0.5	0.5	700	9.3	31.1	24.0	On
EW-2005	0.4	0.5	564	9.2	29.0	24.0	On
EW-2006	0.8	0.8	1,103	8.7	26.1	24.0	On
EW-2007	1.8	1.8	2,575	8.2	22.7	24.0	On
EW-2008	0.6	0.7	805	2.4	24.7	24.0	On
EW-2009	1.2	1.3	1,635	3.4	25.2	24.0	On
EW-2010	0.0	0.4	281	6.0	24.2	16.0	Off
EW-2011	0.4	0.4	356	8.7	22.7	18.0	On
EW-2012	0.3	0.3	191	12.3	15.9	11.1	On
EW-2013	0.4	0.5	393	17.9	16.0	18.9	On
EW-2014	1.1	1.1	1,492	12.9	22.2	24.0	On
EW-2015	0.0	0.5	584	13.5	16.2	21.8	Off
EW-2016	0.6	0.6	790	10.5	---	24.0	On
EW-2017	1.5	1.5	2,088	12.3	---	24.0	On
EW-2018	0.6	0.9	897	10.8	---	24.0	On
EW-2019	0.3	0.3	208	12.4	---	11.8	On
EW-2020	0.4	0.4	325	11.1	---	17.3	On
EW-2021	0.3	0.3	262	12.7	---	14.1	On
EW-2022	0.4	0.4	493	12.8	---	22.9	On
EW-2023	0.0	0.4	497	11.9	---	20.5	Off
EW-2024	0.4	0.5	290	10.7	---	14.7	On
EW-2025	0.9	1.0	1,200	10.8	---	24.0	On
EW-2026	0.6	0.8	873	10.2	---	24.0	On
EW-2027	0.8	1.0	1,164	7.8	---	24.0	On
EW-2028	0.7	0.9	1,047	8.8	---	24.0	On
EW-2029	0.8	1.0	1,184	6.8	---	24.0	On
EW-2030	1.5	1.6	2,131	10.4	---	24.0	On
EW-2031	1.6	1.7	2,294	11.1	---	24.0	On
EW-2032	0.5	0.7	685	9.1	---	24.0	On
EW-2033	0.5	0.7	674	10.0	---	24.0	On
EW-2034	0.9	1.0	1,302	8.3	28.1	24.0	On
EW-2035	1.1	1.1	1,588	6.5	24.4	24.0	On
EW-2036	0.9	0.9	1,238	12.8	38.5	24.0	On
EW-2037	0.7	0.8	1,011	3.8	43.7	24.0	On
EW-2101	17.6	18.2	25,741	10.1	64.3	24.0	On
EW-2102	19.8	20.2	28,766	14.8	68.3	24.0	On
EW-2103	13.1	13.2	18,790	17.0	49.4	24.0	On
EW-2104	39.9	40.2	54,500	13.9	64.4	24.0	On
EW-3001	0.0	0.0	0	1.8	15.8	0.0	Off
EW-3002	0.4	0.4	283	1.4	14.6	14.8	On
EW-3003	0.0	0.0	0	4.3	14.4	0.0	Off

Daily Log

July 23, 2016 12AM to July 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.5	659	0.0	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.0	1,389	-0.8	---	24.0	On
EW-3008	0.5	0.5	658	-0.6	---	24.0	On
EW-3009	3.1	3.1	4,419	-1.4	---	24.0	On
EW-3010	1.2	1.2	1,569	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	-0.3	27.1	0.0	Off
EW-3012	0.6	0.6	765	-3.8	31.5	24.0	On
EW-3013	0.9	1.2	1,342	-6.3	39.9	24.0	On
EW-3014	0.3	0.5	230	-8.0	45.9	12.9	On
EW-3015	1.0	1.2	1,511	-6.1	54.5	24.0	On
EW-3016	0.5	0.6	782	0.0	61.1	24.0	On
EW-3017	0.3	0.8	153	-5.4	62.6	8.2	On
EW-3018	0.0	0.7	88	-9.2	62.3	4.8	Off
EW-3019	0.9	1.1	1,332	-1.5	63.1	24.0	On
EW-3020	3.5	3.5	5,023	-2.0	45.4	24.0	On
EW-3021	0.3	0.4	393	0.1	35.0	20.4	On
EW-3022	0.6	0.7	865	-2.4	43.7	24.0	On
EW-3023	2.9	3.0	4,201	-6.2	31.6	24.0	On
EW-3024	0.5	0.5	585	1.3	---	23.2	On
EW-3025	2.7	2.8	3,848	-4.3	46.3	24.0	On
EW-3026	3.1	3.2	4,537	-9.0	47.7	24.0	On
EW-3027	0.5	0.5	655	0.1	---	24.0	On
EW-4001	1.9	2.1	2,804	-1.1	38.8	24.0	On
EW-4002	2.1	2.2	2,972	-47.0	16.2	24.0	On
EW-4003	2.0	2.0	2,770	-25.9	---	24.0	On
EW-4004	1.6	1.6	2,204	-10.8	17.9	24.0	On
EW-4005	1.9	1.9	2,745	-15.0	---	24.0	On
EW-4006	1.5	1.5	2,094	-50.9	40.5	24.0	On
EW-4007	1.0	1.1	1,434	-6.8	44.8	24.0	On
EW-4008	1.9	2.2	2,882	-6.1	47.9	24.0	On
EW-4009	1.0	1.0	1,406	-29.7	41.1	24.0	On
EW-4010	2.0	2.1	2,918	1.1	54.0	24.0	On
EW-4011	2.1	2.4	3,180	-24.6	54.0	24.0	On
EW-5001	2.0	2.0	2,766	-21.7	---	24.0	On
EW-5002	0.0	0.0	0	4.0	23.0	0.0	Off
EW Totals	**163.7**		**231,814**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	230.4	166 GPM
FIT-500	0 GPM	205.8	242 GPM
Effluent Temp	94.1 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

July 23, 2016 12AM to July 24, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	26.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 23, 2016 12AM to July 24, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	41.2
Permeate Flow	FIT-642	69 GPM	29.1
Concentrate Flow	FIT-643	26 GPM	11.2

Inlet Conductivity	CIT-630	911.2 µS
Outlet Conductivity	CIT-642	22.6 µS
Hours Run		7.0 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	95.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 24, 2016 12AM to July 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,716	1.8	46.5	24.0	On
EW-2002	0.8	0.8	1,178	5.6	45.5	24.0	On
EW-2003	1.2	1.2	1,720	5.1	37.1	24.0	On
EW-2004	0.4	0.5	663	9.6	31.5	24.0	On
EW-2005	0.4	0.5	572	8.8	29.4	24.0	On
EW-2006	0.6	0.8	1,054	9.1	26.5	24.0	On
EW-2007	1.8	1.8	2,568	8.2	23.3	24.0	On
EW-2008	0.6	0.7	784	2.6	26.0	24.0	On
EW-2009	1.2	1.3	1,619	3.6	26.3	24.0	On
EW-2010	0.3	0.4	275	6.3	25.1	15.7	On
EW-2011	0.3	0.5	353	9.5	23.6	17.6	On
EW-2012	0.0	0.3	191	12.5	16.2	11.1	Off
EW-2013	0.3	0.5	386	18.2	16.3	18.8	On
EW-2014	1.0	1.1	1,493	12.9	22.9	24.0	On
EW-2015	0.4	0.5	579	12.4	17.0	21.5	On
EW-2016	0.4	0.6	790	10.9	---	24.0	On
EW-2017	1.4	1.5	2,080	12.2	---	24.0	On
EW-2018	0.6	0.9	895	11.2	---	24.0	On
EW-2019	0.0	0.3	210	11.4	---	11.9	Off
EW-2020	0.3	0.4	327	10.2	---	17.4	On
EW-2021	0.0	0.3	261	13.2	---	14.1	Off
EW-2022	0.0	0.4	487	12.7	---	22.7	Off
EW-2023	0.4	0.4	494	13.0	---	20.3	On
EW-2024	0.3	0.5	290	10.7	---	14.6	On
EW-2025	0.8	1.0	1,199	11.2	---	24.0	On
EW-2026	0.6	0.8	869	10.6	---	24.0	On
EW-2027	0.8	1.0	1,162	8.2	---	24.0	On
EW-2028	0.7	1.0	1,048	9.2	---	24.0	On
EW-2029	0.8	1.0	1,182	7.2	---	24.0	On
EW-2030	1.4	1.6	2,137	10.5	---	24.0	On
EW-2031	1.5	1.7	2,286	11.2	---	24.0	On
EW-2032	0.5	0.7	683	9.5	---	24.0	On
EW-2033	0.5	0.8	672	10.4	---	24.0	On
EW-2034	0.8	1.0	1,293	8.3	28.9	24.0	On
EW-2035	1.1	1.1	1,591	6.6	24.8	24.0	On
EW-2036	0.8	0.9	1,233	12.8	38.9	24.0	On
EW-2037	0.6	0.8	993	3.8	44.1	24.0	On
EW-2101	17.3	17.8	25,193	10.1	65.7	24.0	On
EW-2102	19.9	20.2	28,756	14.7	69.8	24.0	On
EW-2103	12.9	13.2	18,778	17.0	49.8	24.0	On
EW-2104	40.0	40.2	57,587	13.8	64.9	24.0	On
EW-3001	0.0	0.0	0	1.8	16.1	0.0	Off
EW-3002	0.3	0.4	281	1.4	15.1	14.7	On
EW-3003	0.0	0.0	0	4.3	15.0	0.0	Off

Daily Log

July 24, 2016 12AM to July 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.3	0.5	658	0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	1.0	1,370	-0.7	---	24.0	On
EW-3008	0.3	0.5	656	-0.5	---	24.0	On
EW-3009	3.0	3.1	4,389	-1.4	---	24.0	On
EW-3010	1.0	1.2	1,554	-2.0	---	24.0	On
EW-3011	0.0	0.0	0	-0.2	27.9	0.0	Off
EW-3012	0.5	0.6	768	-3.8	32.4	24.0	On
EW-3013	0.8	1.2	1,338	-6.2	41.0	24.0	On
EW-3014	0.0	0.5	228	-7.5	47.1	12.9	On
EW-3015	1.0	1.2	1,513	-6.1	55.9	24.0	On
EW-3016	0.5	0.6	747	-0.5	62.4	24.0	On
EW-3017	0.0	0.8	157	-5.5	63.9	8.4	Off
EW-3018	0.4	0.6	87	-9.5	63.8	4.8	On
EW-3019	0.8	1.1	1,332	-1.4	64.5	24.0	On
EW-3020	3.5	3.5	5,017	-2.0	45.6	24.0	On
EW-3021	0.3	0.4	394	-0.3	35.4	20.4	On
EW-3022	0.6	0.7	842	-2.3	43.8	24.0	On
EW-3023	2.9	2.9	4,160	-6.4	32.6	24.0	On
EW-3024	0.3	0.5	587	1.7	---	23.1	On
EW-3025	2.6	2.7	3,819	-4.4	46.5	24.0	On
EW-3026	3.1	3.2	4,509	-8.8	47.8	24.0	On
EW-3027	0.3	0.5	651	0.2	---	24.0	On
EW-4001	1.8	1.9	2,660	-1.1	39.2	24.0	On
EW-4002	2.1	2.2	2,961	-46.9	16.6	24.0	On
EW-4003	1.8	2.0	2,779	-25.9	---	24.0	On
EW-4004	1.4	1.6	2,204	-10.9	18.5	24.0	On
EW-4005	1.8	2.0	2,751	-15.0	---	24.0	On
EW-4006	1.4	1.5	2,062	-50.9	40.7	24.0	On
EW-4007	0.9	1.0	1,374	-6.7	45.0	24.0	On
EW-4008	1.9	2.0	2,748	-6.0	48.3	24.0	On
EW-4009	1.0	1.1	1,419	-30.1	42.2	24.0	On
EW-4010	2.0	2.0	2,895	1.1	54.4	24.0	On
EW-4011	2.1	2.3	3,100	-24.8	54.3	24.0	On
EW-5001	1.8	2.0	2,772	-21.7	---	24.0	On
EW-5002	0.0	0.0	0	4.0	23.6	0.0	Off
EW Totals	**158.8**		**233,427**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	232.0	166 GPM
FIT-500	202 GPM	198.2	242 GPM
Effluent Temp	94.2 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 24, 2016 12AM to July 25, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	30.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 24, 2016 12AM to July 25, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	46.4
Permeate Flow	FIT-642	0 GPM	32.8
Concentrate Flow	FIT-643	0 GPM	12.6

Inlet Conductivity	CIT-630	825.0 µS
Outlet Conductivity	CIT-642	76.1 µS
Hours Run		6.8 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 25, 2016 12AM to July 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.6	2,721	1.7	46.3	24.0	On
EW-2002	0.8	2.4	1,180	5.6	45.4	24.0	On
EW-2003	1.2	2.9	1,730	5.0	36.9	24.0	On
EW-2004	0.5	0.6	715	8.5	31.3	24.0	On
EW-2005	0.4	0.6	599	9.4	29.3	24.0	On
EW-2006	0.9	1.0	1,135	7.8	26.2	24.0	On
EW-2007	1.8	4.0	2,575	8.2	22.7	24.0	On
EW-2008	0.6	1.4	797	2.5	24.9	24.0	On
EW-2009	1.1	2.4	1,630	3.5	25.3	24.0	On
EW-2010	0.3	0.4	279	5.6	24.0	15.8	On
EW-2011	0.0	0.5	357	8.6	22.4	17.6	Off
EW-2012	0.3	0.4	190	12.7	14.8	11.0	On
EW-2013	0.0	0.5	382	18.0	14.8	18.4	Off
EW-2014	1.1	2.4	1,496	12.8	19.8	24.0	On
EW-2015	0.5	0.6	585	11.7	15.2	21.2	On
EW-2016	0.6	0.6	768	10.5	---	24.0	On
EW-2017	1.4	3.0	2,093	12.2	---	24.0	On
EW-2018	0.6	1.5	894	10.9	---	24.0	On
EW-2019	0.3	0.3	210	11.6	---	11.8	On
EW-2020	0.3	0.4	323	12.0	---	17.1	On
EW-2021	0.0	0.4	261	13.3	---	14.0	Off
EW-2022	0.4	0.4	488	11.0	---	22.9	On
EW-2023	0.4	0.4	496	12.0	---	20.4	On
EW-2024	0.3	0.5	291	9.7	---	14.4	On
EW-2025	0.8	2.0	1,193	10.8	---	24.0	On
EW-2026	0.6	1.5	863	10.2	---	24.0	On
EW-2027	0.8	1.8	1,156	7.8	---	24.0	On
EW-2028	0.7	1.6	1,043	8.8	---	24.0	On
EW-2029	0.8	1.8	1,176	6.9	---	24.0	On
EW-2030	1.5	3.3	2,133	10.1	---	24.0	On
EW-2031	1.6	3.5	2,267	10.8	---	24.0	On
EW-2032	0.5	0.8	681	9.1	---	24.0	On
EW-2033	0.5	1.3	667	10.0	---	24.0	On
EW-2034	0.9	2.5	1,282	8.1	28.1	24.0	On
EW-2035	1.1	1.8	1,585	6.6	24.0	24.0	On
EW-2036	0.9	2.3	1,217	12.8	33.5	24.0	On
EW-2037	0.7	2.0	990	3.7	38.1	24.0	On
EW-2101	17.7	17.9	24,261	10.0	63.3	24.0	On
EW-2102	18.0	20.3	25,997	14.9	66.0	24.0	On
EW-2103	5.1	13.3	10,669	17.5	39.3	19.8	On
EW-2104	40.0	40.6	56,808	13.8	56.3	24.0	On
EW-3001	0.0	0.0	0	1.8	14.7	0.0	Off
EW-3002	0.0	0.5	299	2.1	13.7	15.4	Off
EW-3003	0.0	0.0	0	4.3	13.6	0.0	Off

Daily Log

July 25, 2016 12AM to July 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	632	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.9	1,357	-1.0	---	24.0	On
EW-3008	0.5	0.5	629	-0.8	---	24.0	On
EW-3009	3.0	3.8	4,372	-1.5	---	24.0	On
EW-3010	1.1	2.3	1,530	-2.4	---	24.0	On
EW-3011	0.0	0.2	0	-0.1	27.1	0.0	Off
EW-3012	0.5	0.7	744	-3.7	31.4	24.0	On
EW-3013	0.9	2.5	1,339	-6.3	39.9	24.0	On
EW-3014	0.3	0.6	229	-8.3	45.8	12.8	On
EW-3015	1.1	2.5	1,507	-6.2	53.9	24.0	On
EW-3016	0.5	0.9	775	0.1	60.1	24.0	On
EW-3017	0.0	0.8	157	-5.8	61.7	8.4	Off
EW-3018	0.0	0.6	86	-9.3	61.4	4.7	Off
EW-3019	0.9	2.3	1,330	-1.6	62.1	24.0	On
EW-3020	3.4	5.8	4,993	-2.0	45.5	24.0	On
EW-3021	0.3	0.5	442	-0.3	31.3	22.2	On
EW-3022	0.6	1.8	836	-2.3	39.7	24.0	On
EW-3023	2.9	5.0	4,140	-6.4	31.8	24.0	On
EW-3024	0.4	0.6	601	0.8	---	23.6	On
EW-3025	2.6	5.2	3,796	-4.3	42.4	24.0	On
EW-3026	3.1	4.1	4,475	-8.9	43.6	24.0	On
EW-3027	0.5	0.5	628	0.0	---	24.0	On
EW-4001	1.9	2.4	2,722	-1.3	33.7	24.0	On
EW-4002	2.1	5.2	2,957	-47.1	15.1	24.0	On
EW-4003	1.9	2.1	2,775	-26.3	---	24.0	On
EW-4004	1.6	1.8	2,263	-11.1	17.9	24.0	On
EW-4005	1.9	2.0	2,745	-15.4	---	24.0	On
EW-4006	1.4	4.0	2,048	-51.2	36.5	24.0	On
EW-4007	0.9	1.2	1,376	-6.9	40.8	24.0	On
EW-4008	1.9	6.1	2,737	-6.2	39.6	24.0	On
EW-4009	1.0	1.2	1,411	-29.5	41.2	24.0	On
EW-4010	2.3	2.4	3,240	0.8	49.5	24.0	On
EW-4011	2.1	2.4	3,061	-23.8	49.3	24.0	On
EW-5001	1.9	2.1	2,772	-21.9	---	24.0	On
EW-5002	0.0	0.0	0	3.9	22.9	0.0	Off
EW Totals	**153.0**		**221,185**				

	Value	Total (KGal)	Peak Flow
FIT-100	152 GPM	220.0	167 GPM
FIT-500	199 GPM	198.7	244 GPM
Effluent Temp	96.3 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 25, 2016 12AM to July 26, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	28.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 25, 2016 12AM to July 26, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	44.6
Permeate Flow	FIT-642	0 GPM	31.6
Concentrate Flow	FIT-643	0 GPM	12.1

Inlet Conductivity	CIT-630	897.9 µS
Outlet Conductivity	CIT-642	51.8 µS
Hours Run		8.0 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 26, 2016 12AM to July 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	0.0	2.1	2,704	4.9	11.3	24.0	Off
EW-2002	0.0	1.9	1,182	7.1	11.2	24.0	Off
EW-2003	0.0	1.5	1,706	7.1	11.2	24.0	Off
EW-2004	0.0	1.4	795	9.5	11.1	24.0	Off
EW-2005	0.0	0.7	602	9.6	11.1	24.0	Off
EW-2006	0.0	1.2	1,206	9.3	11.2	24.0	Off
EW-2007	0.0	2.0	2,567	11.1	11.1	24.0	Off
EW-2008	0.0	0.8	783	4.1	11.9	24.0	Off
EW-2009	0.0	1.3	1,610	5.7	12.4	24.0	Off
EW-2010	0.0	0.4	274	6.2	11.6	15.5	Off
EW-2011	0.0	0.5	353	9.3	10.1	17.9	Off
EW-2012	0.0	0.4	189	12.7	9.9	11.0	Off
EW-2013	0.0	0.6	372	18.3	9.9	17.9	Off
EW-2014	0.0	1.8	1,492	15.2	8.5	24.0	Off
EW-2015	0.0	0.7	572	14.4	8.9	21.2	Off
EW-2016	0.0	0.7	769	11.7	---	24.0	Off
EW-2017	0.0	1.6	2,079	14.7	---	24.0	Off
EW-2018	0.0	1.0	891	12.0	---	24.0	Off
EW-2019	0.0	0.3	208	12.4	---	11.8	Off
EW-2020	0.0	0.5	325	11.9	---	17.1	Off
EW-2021	0.0	0.4	263	12.3	---	14.2	Off
EW-2022	0.0	0.5	473	12.5	---	22.4	Off
EW-2023	0.0	0.5	494	13.7	---	20.2	Off
EW-2024	0.0	0.6	287	11.2	---	14.2	Off
EW-2025	0.0	1.2	1,189	12.3	---	24.0	Off
EW-2026	0.0	0.9	857	11.3	---	24.0	Off
EW-2027	0.0	1.1	1,151	9.3	---	24.0	Off
EW-2028	0.0	1.1	1,040	10.2	---	24.0	Off
EW-2029	0.0	1.1	1,168	8.6	---	24.0	Off
EW-2030	0.0	1.8	2,130	12.8	---	24.0	Off
EW-2031	0.0	1.9	2,250	13.6	---	24.0	Off
EW-2032	0.0	0.8	673	10.1	---	24.0	Off
EW-2033	0.0	0.9	657	10.8	---	24.0	Off
EW-2034	0.0	1.5	1,277	9.8	9.0	24.0	Off
EW-2035	0.0	1.2	1,577	10.3	-7.1	24.0	Off
EW-2036	0.0	1.6	1,214	14.3	10.9	24.0	Off
EW-2037	0.0	2.0	986	5.3	10.3	24.0	Off
EW-2101	0.0	17.8	23,568	14.1	9.7	24.0	Off
EW-2102	0.0	18.4	23,891	15.3	9.9	24.0	Off
EW-2103	0.0	12.4	7,776	17.6	10.3	24.0	Off
EW-2104	0.0	40.5	55,480	14.2	9.9	24.0	Off
EW-3001	0.0	0.0	0	1.8	9.7	0.0	Off
EW-3002	0.0	0.5	327	1.9	9.2	16.6	Off
EW-3003	0.0	0.0	0	4.3	9.4	0.0	Off

Daily Log

July 26, 2016 12AM to July 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.0	0.6	631	0.7	---	24.0	Off
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.0	1.2	1,365	0.5	---	24.0	Off
EW-3008	0.0	0.6	628	0.2	---	24.0	Off
EW-3009	0.0	3.1	4,352	0.6	---	24.0	Off
EW-3010	0.0	1.2	1,511	-0.5	---	24.0	Off
EW-3011	0.0	0.2	0	-0.1	8.8	0.0	Off
EW-3012	0.0	0.7	749	-2.7	8.2	24.0	Off
EW-3013	0.0	1.5	1,334	-4.3	9.0	24.0	Off
EW-3014	0.0	0.5	229	-8.4	9.3	12.8	Off
EW-3015	0.0	1.7	1,490	-3.8	8.9	24.0	Off
EW-3016	0.0	0.8	852	-2.2	9.9	24.0	Off
EW-3017	0.0	0.9	157	-6.6	9.5	8.4	Off
EW-3018	0.0	0.7	86	-9.0	9.1	4.7	Off
EW-3019	0.0	1.7	1,327	0.3	9.7	24.0	Off
EW-3020	0.0	3.5	4,952	3.8	11.7	24.0	Off
EW-3021	0.0	0.7	440	0.4	9.2	22.0	Off
EW-3022	0.0	1.2	838	-1.2	9.4	24.0	Off
EW-3023	0.0	3.0	4,112	-2.2	8.7	24.0	Off
EW-3024	0.0	0.6	589	1.8	---	23.4	Off
EW-3025	0.0	3.4	3,859	-0.4	9.7	24.0	Off
EW-3026	0.0	3.3	4,135	-1.6	10.0	24.0	Off
EW-3027	0.0	0.5	628	0.9	---	24.0	Off
EW-4001	0.0	2.6	2,838	1.0	11.3	24.0	Off
EW-4002	0.0	2.4	2,949	-42.9	10.1	24.0	Off
EW-4003	0.0	2.1	2,780	-22.8	---	24.0	Off
EW-4004	0.0	1.7	2,259	-9.0	9.2	24.0	Off
EW-4005	0.0	2.0	2,744	-11.7	---	24.0	Off
EW-4006	0.0	2.1	2,027	-47.9	9.1	24.0	Off
EW-4007	0.0	1.2	1,419	-5.5	10.7	24.0	Off
EW-4008	0.0	2.9	2,777	-3.3	10.8	24.0	Off
EW-4009	0.0	1.1	1,426	-29.3	10.9	24.0	Off
EW-4010	0.0	2.4	3,221	1.9	11.2	24.0	Off
EW-4011	0.0	2.5	3,076	-20.5	11.1	24.0	Off
EW-5001	0.0	2.1	2,775	-18.8	---	24.0	Off
EW-5002	0.0	0.0	0	3.9	10.2	0.0	Off
EW Totals	**0.0**		**213,964**				

	Value	Total (KGal)	Peak Flow
FIT-100	0 GPM	213.1	161 GPM
FIT-500	0 GPM	184.4	244 GPM
Effluent Temp	97.0 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

July 26, 2016 12AM to July 27, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	30.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 26, 2016 12AM to July 27, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	47.7
Permeate Flow	FIT-642	0 GPM	33.9
Concentrate Flow	FIT-643	0 GPM	12.8

Inlet Conductivity	CIT-630	861.7 µS
Outlet Conductivity	CIT-642	54.7 µS
Hours Run		7.5 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	97.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 27, 2016 12AM to July 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.8	1,432	1.5	47.1	12.2	On
EW-2002	0.8	5.3	637	5.3	46.1	12.2	On
EW-2003	1.2	4.0	946	4.8	37.2	12.2	On
EW-2004	0.6	0.6	412	8.3	31.5	12.2	On
EW-2005	0.4	0.5	334	8.8	29.1	12.2	On
EW-2006	1.0	1.0	703	7.0	25.8	12.2	On
EW-2007	1.8	5.1	1,357	8.0	21.9	12.2	On
EW-2008	0.6	3.0	430	2.4	24.4	12.2	On
EW-2009	1.1	5.5	842	3.6	24.7	12.2	On
EW-2010	0.3	0.6	153	6.0	23.5	8.5	On
EW-2011	0.3	0.6	193	8.4	22.0	9.6	On
EW-2012	0.0	0.7	56	13.0	14.5	3.5	Off
EW-2013	0.0	0.6	200	17.6	14.5	9.4	Off
EW-2014	1.1	4.6	787	12.9	19.9	12.3	On
EW-2015	0.5	0.6	309	11.8	15.0	11.5	On
EW-2016	0.6	0.9	387	10.6	---	12.3	On
EW-2017	1.5	4.6	1,099	12.1	---	12.3	On
EW-2018	0.6	7.6	480	10.8	---	12.3	On
EW-2019	0.3	0.4	115	13.1	---	6.4	On
EW-2020	0.3	0.5	177	10.2	---	9.3	On
EW-2021	0.3	0.5	145	11.5	---	7.7	On
EW-2022	0.4	0.6	267	11.2	---	12.3	On
EW-2023	0.4	0.6	266	10.8	---	10.4	On
EW-2024	0.0	0.6	164	9.7	---	8.1	Off
EW-2025	0.9	7.5	638	10.8	---	12.2	On
EW-2026	0.6	7.5	474	10.2	---	12.2	On
EW-2027	0.8	7.5	619	7.8	---	12.3	On
EW-2028	0.7	7.4	559	8.8	---	12.3	On
EW-2029	0.8	7.4	628	6.8	---	12.3	On
EW-2030	1.5	7.4	1,123	10.2	---	12.3	On
EW-2031	1.6	7.7	1,205	10.9	---	12.3	On
EW-2032	0.5	6.9	371	9.1	---	12.3	On
EW-2033	0.5	7.6	347	10.0	---	12.3	On
EW-2034	0.9	4.1	692	8.2	25.2	12.3	On
EW-2035	1.1	2.1	831	6.4	23.0	12.3	On
EW-2036	0.9	4.8	653	12.8	34.2	12.2	On
EW-2037	0.7	6.2	552	3.8	39.1	12.2	On
EW-2101	15.1	15.3	11,026	11.3	52.7	12.2	On
EW-2102	15.0	15.6	11,026	15.6	54.6	12.2	On
EW-2103	5.1	5.5	3,706	17.7	39.6	12.2	On
EW-2104	40.0	40.3	29,382	14.2	56.4	12.2	On
EW-3001	0.0	0.6	37	2.0	14.4	1.8	Off
EW-3002	0.4	0.5	284	1.6	13.5	12.1	On
EW-3003	0.0	0.5	18	4.3	13.4	0.9	Off

Daily Log

July 27, 2016 12AM to July 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	68	1.3	---	4.5	Off
EW-3005	0.5	0.6	312	0.1	---	12.1	On
EW-3006	0.0	0.6	24	1.4	---	1.1	Off
EW-3007	1.1	6.4	1,046	-0.9	---	12.1	On
EW-3008	0.5	0.8	313	-0.6	---	12.1	On
EW-3009	3.4	7.0	2,964	-1.6	---	12.1	On
EW-3010	1.3	6.1	1,036	-2.3	---	12.1	On
EW-3011	0.0	0.8	42	-0.2	24.2	1.7	Off
EW-3012	0.6	0.8	373	-3.8	27.6	12.1	On
EW-3013	1.0	5.3	747	-6.5	34.4	12.1	On
EW-3014	0.0	0.5	145	-8.4	39.0	7.7	Off
EW-3015	1.0	4.8	816	-6.3	45.3	12.1	On
EW-3016	0.7	1.2	523	-4.2	50.3	12.1	On
EW-3017	0.0	1.1	103	-6.3	51.5	5.2	Off
EW-3018	0.0	0.6	67	-9.2	51.2	3.3	Off
EW-3019	1.0	4.4	716	-1.7	51.9	12.1	On
EW-3020	3.5	5.9	2,628	-2.2	46.1	12.1	On
EW-3021	0.3	0.5	293	-0.1	32.5	11.9	On
EW-3022	0.7	4.4	625	-2.3	42.4	12.1	On
EW-3023	3.1	4.0	2,441	-6.4	29.2	12.1	On
EW-3024	0.5	0.6	305	1.1	---	12.1	On
EW-3025	2.8	4.9	2,249	-4.5	45.3	12.1	On
EW-3026	3.3	3.7	2,505	-9.1	46.8	12.1	On
EW-3027	0.5	0.6	300	0.2	---	12.1	On
EW-4001	2.2	2.2	1,567	-0.9	34.6	12.1	On
EW-4002	2.1	6.8	1,626	-47.2	14.9	12.1	On
EW-4003	1.9	2.9	1,368	-24.0	---	12.1	On
EW-4004	1.5	1.8	1,085	-9.4	16.9	12.1	On
EW-4005	1.9	2.2	1,361	-13.9	---	12.1	On
EW-4006	1.5	4.6	1,162	-51.0	38.7	12.1	On
EW-4007	1.0	1.1	780	-6.2	43.5	12.1	On
EW-4008	1.9	3.7	1,461	-5.0	40.1	12.1	On
EW-4009	1.0	1.1	693	-28.0	36.1	12.1	On
EW-4010	2.4	2.4	1,730	1.6	51.4	12.1	On
EW-4011	2.1	2.4	1,553	-23.0	51.1	12.1	On
EW-5001	1.9	4.0	1,381	-20.2	---	12.1	On
EW-5002	0.0	2.4	1	4.6	21.9	0.0	Off
EW Totals	**150.8**		**112,469**				

	Value	Total (KGal)	Peak Flow
FIT-100	150 GPM	112.1	193 GPM
FIT-500	204 GPM	94.6	241 GPM
Effluent Temp	95.4 °F		
Effluent pH	7.3		

Recharge and Injection Daily Report

July 27, 2016 12AM to July 28, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	20.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 27, 2016 12AM to July 28, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	30.2
Permeate Flow	FIT-642	0 GPM	21.6
Concentrate Flow	FIT-643	0 GPM	8.0

Inlet Conductivity	CIT-630	915.5 µS
Outlet Conductivity	CIT-642	34.5 µS
Hours Run		7.6 hrs
Recharge Tank pH	AIT-660A	5.9
Recharge Tank Temp	TIT-660C	96.0 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 28, 2016 12AM to July 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,755	1.6	47.1	24.0	On
EW-2002	0.8	0.9	1,192	5.6	46.2	24.0	On
EW-2003	1.2	1.3	1,730	5.0	37.4	24.0	On
EW-2004	0.5	1.6	730	9.6	31.7	24.0	On
EW-2005	0.4	0.5	561	8.9	29.7	24.0	On
EW-2006	0.8	1.0	1,284	8.2	26.4	24.0	On
EW-2007	1.8	1.8	2,595	8.1	22.8	24.0	On
EW-2008	0.6	0.7	805	2.5	25.1	24.0	On
EW-2009	1.2	1.3	1,620	3.5	25.5	24.0	On
EW-2010	0.4	0.4	278	5.6	24.2	15.8	On
EW-2011	0.0	0.4	355	8.2	22.6	18.1	Off
EW-2012	0.0	0.3	96	12.4	15.5	6.2	Off
EW-2013	0.3	0.5	376	18.5	15.6	18.1	On
EW-2014	1.1	1.1	1,525	12.7	22.7	24.0	On
EW-2015	0.4	0.5	590	14.7	16.5	21.8	On
EW-2016	0.6	0.6	778	10.6	---	24.0	On
EW-2017	1.5	1.5	2,106	12.1	---	24.0	On
EW-2018	0.6	0.9	904	10.9	---	24.0	On
EW-2019	0.0	0.3	209	13.1	---	11.9	Off
EW-2020	0.3	0.4	330	10.3	---	17.5	On
EW-2021	0.0	0.3	261	14.0	---	14.1	Off
EW-2022	0.4	0.4	507	11.6	---	23.5	On
EW-2023	0.0	0.5	492	11.3	---	19.6	Off
EW-2024	0.3	0.5	297	11.1	---	14.9	On
EW-2025	0.8	1.0	1,206	10.8	---	24.0	On
EW-2026	0.6	0.8	882	10.2	---	24.0	On
EW-2027	0.8	1.0	1,167	7.8	---	24.0	On
EW-2028	0.7	1.0	1,050	8.8	---	24.0	On
EW-2029	0.8	1.0	1,184	6.9	---	24.0	On
EW-2030	1.5	1.6	2,150	10.1	---	24.0	On
EW-2031	1.6	1.7	2,303	10.9	---	24.0	On
EW-2032	0.5	0.7	691	9.1	---	24.0	On
EW-2033	0.5	0.7	645	10.0	---	24.0	On
EW-2034	0.9	1.0	1,297	8.1	29.4	24.0	On
EW-2035	1.1	1.1	1,594	6.6	24.1	24.0	On
EW-2036	0.9	0.9	1,218	12.7	39.5	24.0	On
EW-2037	0.7	0.8	989	3.7	45.0	24.0	On
EW-2101	16.9	17.9	22,648	10.5	66.0	24.0	On
EW-2102	19.1	19.5	23,900	15.2	69.8	24.0	On
EW-2103	13.1	17.1	11,893	17.2	50.4	24.0	On
EW-2104	40.0	40.4	57,629	13.9	65.3	24.0	On
EW-3001	0.0	0.0	0	1.8	15.5	0.0	Off
EW-3002	0.4	0.4	466	1.4	14.5	21.8	On
EW-3003	0.0	0.0	0	4.3	14.4	0.0	Off

Daily Log

July 28, 2016 12AM to July 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	644	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.2	1,511	-0.9	---	24.0	On
EW-3008	0.5	0.5	638	-0.8	---	24.0	On
EW-3009	3.2	3.4	4,601	-1.5	---	24.0	On
EW-3010	1.2	1.3	1,697	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.2	28.3	0.0	Off
EW-3012	0.6	0.6	752	-3.8	33.1	24.0	On
EW-3013	1.0	1.1	1,360	-6.3	42.0	24.0	On
EW-3014	0.0	0.5	237	-8.4	48.0	13.3	Off
EW-3015	1.1	1.2	1,493	-6.3	56.3	24.0	On
EW-3016	0.7	0.8	973	-2.8	62.9	24.0	On
EW-3017	0.0	0.8	157	-6.0	64.4	8.3	Off
EW-3018	0.0	0.6	89	-9.1	64.2	4.9	Off
EW-3019	0.9	1.1	1,348	-1.7	64.9	24.0	On
EW-3020	3.5	3.6	5,065	-2.0	46.2	24.0	On
EW-3021	0.3	0.4	485	-0.3	36.0	23.8	On
EW-3022	0.6	0.7	930	-2.4	45.0	24.0	On
EW-3023	3.0	3.1	4,345	-6.3	34.1	24.0	On
EW-3024	0.5	0.5	630	0.8	---	24.0	On
EW-3025	2.7	2.8	3,911	-4.3	47.7	24.0	On
EW-3026	3.2	3.3	4,677	-8.9	49.1	24.0	On
EW-3027	0.5	0.5	631	0.1	---	24.0	On
EW-4001	2.0	2.3	2,988	-1.2	39.8	24.0	On
EW-4002	2.0	2.3	3,015	-47.1	15.9	24.0	On
EW-4003	1.9	2.0	2,755	-25.2	---	24.0	On
EW-4004	1.5	1.6	2,180	-10.2	18.0	24.0	On
EW-4005	1.9	2.0	2,728	-14.9	---	24.0	On
EW-4006	1.5	1.6	2,136	-51.2	41.6	24.0	On
EW-4007	0.9	1.1	1,444	-6.5	46.1	24.0	On
EW-4008	2.0	2.5	2,750	-6.4	49.0	24.0	On
EW-4009	1.0	1.0	1,396	-29.3	43.4	24.0	On
EW-4010	2.3	2.4	3,356	1.0	56.3	24.0	On
EW-4011	2.1	2.2	3,051	-23.5	56.2	24.0	On
EW-5001	1.9	2.0	2,747	-21.4	---	24.0	On
EW-5002	0.0	0.0	0	4.3	23.0	0.0	Off
EW Totals	**161.9**		**222,005**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	221.0	166 GPM
FIT-500	0 GPM	190.5	242 GPM
Effluent Temp	95.4 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

July 28, 2016 12AM to July 29, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	30.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 28, 2016 12AM to July 29, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	48.1
Permeate Flow	FIT-642	0 GPM	34.1
Concentrate Flow	FIT-643	0 GPM	13.0

Inlet Conductivity	CIT-630	816.9 µS
Outlet Conductivity	CIT-642	44.0 µS
Hours Run		5.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.8 °F

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 29, 2016 12AM to July 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.0	2,708	1.8	46.5	24.0	On
EW-2002	0.8	1.1	1,176	5.6	45.6	24.0	On
EW-2003	1.2	1.4	1,721	5.1	37.2	24.0	On
EW-2004	0.4	0.6	693	9.5	31.6	24.0	On
EW-2005	0.3	0.5	561	9.5	29.6	24.0	On
EW-2006	0.6	1.0	1,138	9.5	26.5	24.0	On
EW-2007	1.7	2.1	2,584	8.1	23.3	24.0	On
EW-2008	0.5	0.7	794	2.5	25.7	24.0	On
EW-2009	1.1	1.3	1,606	3.5	26.0	24.0	On
EW-2010	0.3	0.5	272	5.8	24.8	15.4	On
EW-2011	0.3	0.5	350	9.1	23.3	17.8	On
EW-2012	0.0	0.3	94	13.3	16.2	6.1	Off
EW-2013	0.3	0.6	372	18.0	16.3	17.8	On
EW-2014	1.0	2.0	1,522	12.8	23.7	24.0	On
EW-2015	0.5	0.6	585	12.7	17.4	21.7	On
EW-2016	0.4	0.6	790	10.6	---	24.0	On
EW-2017	1.4	1.6	2,111	12.1	---	24.0	On
EW-2018	0.4	0.9	902	11.1	---	24.0	On
EW-2019	0.3	0.3	208	11.2	---	11.8	On
EW-2020	0.3	0.5	328	10.7	---	17.5	On
EW-2021	0.3	0.4	264	12.0	---	14.4	On
EW-2022	0.3	0.5	482	13.1	---	22.6	On
EW-2023	0.4	0.6	489	11.6	---	19.5	On
EW-2024	0.0	0.5	296	11.2	---	14.9	Off
EW-2025	0.6	1.0	1,203	10.9	---	24.0	On
EW-2026	0.3	0.8	875	10.4	---	24.0	On
EW-2027	0.6	1.0	1,166	7.9	---	24.0	On
EW-2028	0.4	0.9	1,048	9.0	---	24.0	On
EW-2029	0.6	1.0	1,181	6.9	---	24.0	On
EW-2030	1.4	1.8	2,144	10.2	---	24.0	On
EW-2031	1.5	1.9	2,284	10.9	---	24.0	On
EW-2032	0.2	0.7	687	9.3	---	24.0	On
EW-2033	0.0	0.7	650	10.2	---	24.0	On
EW-2034	0.8	1.7	1,287	8.2	29.8	24.0	On
EW-2035	1.1	1.2	1,580	6.6	24.7	24.0	On
EW-2036	0.8	2.2	1,204	12.7	40.6	24.0	On
EW-2037	0.6	2.6	979	3.6	45.9	24.0	On
EW-2101	16.7	19.7	18,620	10.7	66.7	24.0	On
EW-2102	19.5	21.3	20,983	15.3	70.7	23.9	On
EW-2103	13.0	16.8	16,605	17.2	52.1	24.0	On
EW-2104	41.6	42.1	43,233	14.0	69.0	24.0	On
EW-3001	0.0	0.0	0	1.8	16.1	0.0	Off
EW-3002	0.0	0.6	322	2.1	15.1	16.1	Off
EW-3003	0.0	0.0	0	4.3	15.1	0.0	Off

Daily Log

July 29, 2016 12AM to July 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.3	0.5	656	-0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.3	1,452	-0.9	---	24.0	On
EW-3008	0.3	0.6	651	-0.8	---	24.0	On
EW-3009	3.0	3.3	4,474	-1.5	---	24.0	On
EW-3010	1.0	1.4	1,658	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	-0.2	28.9	0.0	Off
EW-3012	0.4	0.8	768	-3.9	33.6	24.0	On
EW-3013	0.8	2.4	1,351	-6.2	42.6	24.0	On
EW-3014	0.3	0.7	233	-8.5	48.7	13.0	On
EW-3015	1.0	5.3	1,517	-6.1	57.0	23.9	On
EW-3016	0.6	1.0	873	-2.4	63.6	24.0	On
EW-3017	0.3	1.0	158	-5.5	65.1	8.3	On
EW-3018	0.0	1.0	88	-9.1	64.9	4.9	Off
EW-3019	0.9	3.3	1,342	-1.5	65.6	24.0	On
EW-3020	3.5	3.6	5,021	-1.9	45.7	24.0	On
EW-3021	0.0	0.7	436	0.3	36.6	21.9	Off
EW-3022	0.6	1.6	894	-2.5	45.5	24.0	On
EW-3023	2.9	3.4	4,239	-6.3	34.8	24.0	On
EW-3024	0.3	0.5	600	0.9	---	23.4	On
EW-3025	2.7	3.7	3,842	-4.4	48.2	24.0	On
EW-3026	3.2	3.8	4,608	-8.9	49.6	24.0	On
EW-3027	0.3	0.5	647	0.1	---	24.0	On
EW-4001	1.8	2.6	2,826	-0.9	40.7	24.0	On
EW-4002	2.0	2.5	2,994	-47.0	16.5	24.0	On
EW-4003	1.8	2.2	2,840	-25.6	---	24.0	On
EW-4004	1.4	1.8	2,260	-10.3	18.6	24.0	On
EW-4005	1.8	2.2	2,830	-15.0	---	24.0	On
EW-4006	1.5	2.5	2,115	-51.2	42.2	24.0	On
EW-4007	1.0	1.2	1,388	-6.6	46.6	24.0	On
EW-4008	1.9	2.8	2,853	-5.8	50.8	24.0	On
EW-4009	1.0	1.4	1,427	-30.6	44.0	24.0	On
EW-4010	2.0	2.5	3,155	1.4	56.0	24.0	On
EW-4011	2.1	2.6	3,084	-23.9	55.8	24.0	On
EW-5001	1.8	2.2	2,845	-22.0	---	24.0	On
EW-5002	0.0	0.0	0	4.2	23.6	0.0	Off
EW Totals	**157.7**		**204,220**				

	Value	Total (KGal)	Peak Flow
FIT-100	157 GPM	203.4	167 GPM
FIT-500	0 GPM	169.6	246 GPM
Effluent Temp	95.2 °F		
Effluent pH	6.8		

Recharge and Injection Daily Report

July 29, 2016 12AM to July 30, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	30.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 29, 2016 12AM to July 30, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	45.9
Permeate Flow	FIT-642	0 GPM	32.6
Concentrate Flow	FIT-643	0 GPM	12.4

Inlet Conductivity	CIT-630	849.3 µS
Outlet Conductivity	CIT-642	25.8 µS
Hours Run		8.1 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 30, 2016 12AM to July 31, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	1.9	2,663	1.8	46.7	24.0	On
EW-2002	0.8	0.8	1,158	5.6	45.9	24.0	On
EW-2003	1.2	1.2	1,695	5.1	37.5	24.0	On
EW-2004	0.4	0.5	643	9.7	31.9	24.0	On
EW-2005	0.3	0.5	543	9.5	29.8	24.0	On
EW-2006	0.6	0.7	934	9.4	26.6	24.0	On
EW-2007	1.7	1.8	2,561	8.2	23.3	24.0	On
EW-2008	0.6	0.7	786	2.6	25.3	24.0	On
EW-2009	1.1	1.3	1,596	3.6	25.7	24.0	On
EW-2010	0.0	0.4	269	5.9	24.4	15.3	Off
EW-2011	0.3	0.5	349	9.2	23.0	17.2	On
EW-2012	0.0	0.3	96	12.0	16.3	6.2	Off
EW-2013	0.0	0.5	367	18.6	16.3	17.2	On
EW-2014	1.0	1.1	1,519	12.9	24.0	24.0	On
EW-2015	0.5	0.5	590	11.8	17.7	21.6	On
EW-2016	0.4	0.6	768	11.4	---	24.0	On
EW-2017	1.4	1.5	2,087	12.2	---	24.0	On
EW-2018	0.6	0.9	899	11.2	---	24.0	On
EW-2019	0.3	0.3	202	13.0	---	11.5	On
EW-2020	0.3	0.4	327	11.3	---	17.3	On
EW-2021	0.3	0.3	260	13.4	---	14.1	On
EW-2022	0.3	0.4	485	11.4	---	22.9	On
EW-2023	0.4	0.5	487	11.4	---	19.2	On
EW-2024	0.3	0.5	293	11.3	---	14.7	On
EW-2025	0.8	1.0	1,194	11.2	---	24.0	On
EW-2026	0.6	0.8	866	10.6	---	24.0	On
EW-2027	0.8	1.0	1,157	8.2	---	24.0	On
EW-2028	0.7	1.0	1,040	9.2	---	24.0	On
EW-2029	0.8	1.0	1,172	7.2	---	24.0	On
EW-2030	1.4	1.6	2,132	10.5	---	24.0	On
EW-2031	1.5	1.7	2,263	11.2	---	24.0	On
EW-2032	0.5	0.7	682	9.5	---	24.0	On
EW-2033	0.5	0.8	665	10.4	---	24.0	On
EW-2034	0.8	1.0	1,281	8.2	29.6	24.0	On
EW-2035	1.1	1.1	1,574	6.7	24.8	24.0	On
EW-2036	0.8	0.9	1,183	12.9	40.9	24.0	On
EW-2037	0.6	0.8	976	3.9	46.2	24.0	On
EW-2101	16.7	17.0	24,153	10.5	66.8	24.0	On
EW-2102	19.0	19.7	27,851	15.0	70.7	24.0	On
EW-2103	12.9	13.2	18,753	17.0	52.6	24.0	On
EW-2104	41.6	42.0	60,070	13.7	69.2	24.0	On
EW-3001	0.0	0.0	0	1.8	16.3	0.0	Off
EW-3002	0.0	0.4	315	2.1	15.3	15.9	Off
EW-3003	0.0	0.0	0	4.3	15.3	0.0	Off

Daily Log

July 30, 2016 12AM to July 31, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.3	0.5	632	0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.1	1,433	-0.7	---	24.0	On
EW-3008	0.3	0.5	629	-0.4	---	24.0	On
EW-3009	3.0	3.1	4,403	-1.3	---	24.0	On
EW-3010	1.0	1.3	1,643	-2.0	---	24.0	On
EW-3011	0.0	0.0	0	0.0	28.6	0.0	Off
EW-3012	0.5	0.6	754	-3.4	33.3	24.0	On
EW-3013	0.9	1.1	1,355	-6.2	42.5	24.0	On
EW-3014	0.0	0.4	234	-7.5	48.5	13.1	On
EW-3015	1.0	1.2	1,506	-6.1	57.0	24.0	On
EW-3016	0.6	0.7	906	-2.2	63.6	24.0	On
EW-3017	0.3	0.9	158	-5.2	65.2	8.5	On
EW-3018	0.0	0.6	89	-9.7	65.0	4.9	Off
EW-3019	0.9	1.1	1,336	-1.4	65.7	24.0	On
EW-3020	3.5	3.5	4,976	-1.9	45.9	24.0	On
EW-3021	0.3	0.4	466	-0.2	37.2	23.2	On
EW-3022	0.6	0.7	868	-2.3	45.8	24.0	On
EW-3023	2.8	2.9	4,105	-5.2	34.2	24.0	On
EW-3024	0.3	0.5	608	1.2	---	23.7	On
EW-3025	2.6	2.7	3,802	-4.3	48.5	24.0	On
EW-3026	3.2	3.4	4,620	-9.1	49.9	24.0	On
EW-3027	0.3	0.5	628	0.3	---	24.0	On
EW-4001	1.8	1.9	2,653	-0.8	41.0	24.0	On
EW-4002	2.1	2.3	2,991	-46.8	16.7	24.0	On
EW-4003	1.8	2.0	2,779	-24.9	---	24.0	On
EW-4004	1.4	1.6	2,188	-10.0	18.5	24.0	On
EW-4005	1.8	2.0	2,754	-14.5	---	24.0	On
EW-4006	1.4	1.5	2,106	-51.1	42.6	24.0	On
EW-4007	0.9	1.0	1,352	-6.4	46.9	24.0	On
EW-4008	1.8	2.0	2,711	-5.7	51.0	24.0	On
EW-4009	1.0	1.1	1,440	-30.8	43.7	24.0	On
EW-4010	2.0	2.0	2,889	1.4	56.3	24.0	On
EW-4011	2.1	2.2	3,016	-23.9	56.1	24.0	On
EW-5001	1.8	2.0	2,767	-21.5	---	24.0	On
EW-5002	0.0	0.0	0	4.2	23.7	0.0	Off
EW Totals	**159.3**		**233,701**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	232.5	167 GPM
FIT-500	206 GPM	208.7	242 GPM
Effluent Temp	94.9 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

July 30, 2016 12AM to July 31, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	29.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 30, 2016 12AM to July 31, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	46.1
Permeate Flow	FIT-642	0 GPM	32.7
Concentrate Flow	FIT-643	0 GPM	12.5

Inlet Conductivity	CIT-630	834.8 µS
Outlet Conductivity	CIT-642	56.7 µS
Hours Run		7.8 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	95.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

July 31, 2016 12AM to August 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,660	1.8	47.9	24.0	On
EW-2002	0.8	0.9	1,164	5.7	47.0	24.0	On
EW-2003	1.2	1.2	1,682	5.1	38.3	24.0	On
EW-2004	0.4	0.5	644	9.7	32.4	24.0	On
EW-2005	0.4	0.5	568	8.5	30.3	24.0	On
EW-2006	0.6	0.7	928	9.3	26.9	24.0	On
EW-2007	1.8	1.8	2,544	8.1	23.3	24.0	On
EW-2008	0.6	1.1	795	2.5	26.0	24.0	On
EW-2009	1.1	1.3	1,600	3.6	26.3	24.0	On
EW-2010	0.3	0.6	272	6.1	25.0	15.4	On
EW-2011	0.3	0.5	353	8.1	23.5	18.1	On
EW-2012	0.0	0.3	99	12.2	16.4	6.4	Off
EW-2013	0.4	0.6	369	17.6	16.4	17.9	On
EW-2014	1.1	1.2	1,501	12.9	23.8	24.0	On
EW-2015	0.5	0.5	588	11.4	17.3	21.7	On
EW-2016	0.6	0.6	783	10.5	---	24.0	On
EW-2017	1.5	1.5	2,095	12.2	---	24.0	On
EW-2018	0.6	0.9	899	10.8	---	24.0	On
EW-2019	0.0	0.3	206	11.6	---	11.7	Off
EW-2020	0.3	0.4	327	10.9	---	17.5	On
EW-2021	0.3	0.3	264	11.4	---	14.4	On
EW-2022	0.4	0.4	482	11.2	---	22.4	On
EW-2023	0.4	0.5	485	11.2	---	19.2	On
EW-2024	0.3	0.5	296	11.4	---	14.8	On
EW-2025	0.8	1.1	1,197	10.8	---	24.0	On
EW-2026	0.6	0.8	867	10.2	---	24.0	On
EW-2027	0.8	1.0	1,158	7.8	---	24.0	On
EW-2028	0.7	1.0	1,044	8.8	---	24.0	On
EW-2029	0.8	1.0	1,172	6.8	---	24.0	On
EW-2030	1.5	1.6	2,138	10.1	---	24.0	On
EW-2031	1.6	1.7	2,259	10.8	---	24.0	On
EW-2032	0.5	0.7	683	9.1	---	24.0	On
EW-2033	0.5	0.8	694	10.0	---	24.0	On
EW-2034	0.9	1.3	1,290	8.2	29.1	24.0	On
EW-2035	1.2	1.4	1,583	6.5	26.8	24.0	On
EW-2036	0.8	1.2	1,180	12.9	41.4	24.0	On
EW-2037	0.7	1.6	976	3.8	46.7	24.0	On
EW-2101	16.5	16.8	23,897	10.4	67.1	24.0	On
EW-2102	18.8	19.4	27,312	15.0	71.0	24.0	On
EW-2103	13.1	16.7	18,766	17.0	52.9	24.0	On
EW-2104	41.6	42.2	59,939	13.6	69.4	24.0	On
EW-3001	0.0	0.0	0	1.8	16.3	0.0	Off
EW-3002	0.4	0.5	340	1.4	15.2	16.5	On
EW-3003	0.0	0.0	0	4.3	15.1	0.0	Off

Daily Log

July 31, 2016 12AM to August 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	3	1.3	---	0.2	Off
EW-3005	0.5	0.5	651	0.0	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,431	-0.9	---	24.0	On
EW-3008	0.5	0.5	650	-0.8	---	24.0	On
EW-3009	3.0	3.1	4,383	-1.5	---	24.0	On
EW-3010	1.2	1.3	1,639	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.0	28.0	0.0	Off
EW-3012	0.6	0.6	765	-3.8	32.8	24.0	On
EW-3013	1.0	1.1	1,355	-6.4	42.3	24.0	On
EW-3014	0.0	0.5	242	-8.3	48.6	13.6	Off
EW-3015	1.1	1.3	1,523	-6.0	57.2	24.0	On
EW-3016	0.6	1.3	857	-0.9	64.0	24.0	On
EW-3017	0.3	0.7	159	-6.0	65.6	8.5	On
EW-3018	0.0	0.7	87	-9.2	65.4	4.8	Off
EW-3019	0.9	1.1	1,330	-1.5	66.1	24.0	On
EW-3020	3.4	3.5	4,958	-1.9	47.0	24.0	On
EW-3021	0.3	0.5	430	-0.3	37.5	21.7	On
EW-3022	0.6	0.9	867	-2.5	46.5	24.0	On
EW-3023	2.8	2.8	4,035	-5.1	33.4	24.0	On
EW-3024	0.5	0.5	605	0.8	---	23.5	On
EW-3025	2.7	2.8	3,825	-4.6	49.3	24.0	On
EW-3026	3.2	3.4	4,608	-9.0	50.7	24.0	On
EW-3027	0.5	0.5	645	0.1	---	24.0	On
EW-4001	2.0	2.1	2,711	-1.1	41.5	24.0	On
EW-4002	2.1	2.3	2,983	-47.2	16.7	24.0	On
EW-4003	2.0	2.0	2,781	-25.6	---	24.0	On
EW-4004	1.6	1.6	2,212	-10.4	18.3	24.0	On
EW-4005	1.9	2.0	2,752	-14.9	---	24.0	On
EW-4006	1.5	1.5	2,089	-51.1	43.1	24.0	On
EW-4007	1.0	1.1	1,363	-6.7	47.7	24.0	On
EW-4008	2.0	3.4	2,746	-6.2	51.4	24.0	On
EW-4009	1.0	1.1	1,451	-31.1	43.5	24.0	On
EW-4010	2.1	2.1	2,902	1.5	57.4	24.0	On
EW-4011	2.1	2.2	3,017	-22.9	57.1	24.0	On
EW-5001	2.0	2.0	2,777	-22.0	---	24.0	On
EW-5002	0.0	0.0	0	4.2	23.5	0.0	Off
EW Totals	**163.7**		**232,932**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	232.0	167 GPM
FIT-500	202 GPM	208.7	244 GPM
Effluent Temp	94.5 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

July 31, 2016 12AM to August 1, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	25.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

July 31, 2016 12AM to August 1, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	40.5
Permeate Flow	FIT-642	0 GPM	28.7
Concentrate Flow	FIT-643	0 GPM	10.9

Inlet Conductivity	CIT-630	836.5 µS
Outlet Conductivity	CIT-642	82.5 µS
Hours Run		8.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 1, 2016 12AM to August 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.6	2,770	1.6	49.5	24.0	On
EW-2002	0.9	3.6	1,225	5.4	48.6	24.0	On
EW-2003	1.2	4.0	1,776	4.9	39.4	23.9	On
EW-2004	0.5	1.4	731	9.1	32.9	24.0	On
EW-2005	0.4	0.5	612	9.1	31.0	24.0	On
EW-2006	0.8	1.0	1,043	8.3	27.4	24.0	On
EW-2007	1.8	5.0	2,599	8.0	23.5	24.0	On
EW-2008	0.5	2.8	824	2.5	25.6	23.9	On
EW-2009	1.0	5.4	1,653	3.6	26.0	23.9	On
EW-2010	0.3	0.6	288	6.6	24.9	16.2	On
EW-2011	0.3	0.6	354	9.4	23.3	17.9	On
EW-2012	0.0	0.3	92	13.3	17.6	6.0	Off
EW-2013	0.2	0.5	377	18.6	18.4	18.1	On
EW-2014	1.1	3.9	1,506	12.7	24.2	24.0	On
EW-2015	0.5	0.5	573	11.9	17.7	21.4	On
EW-2016	0.6	0.6	777	10.5	---	24.0	On
EW-2017	1.5	4.5	2,094	12.1	---	24.0	On
EW-2018	0.6	2.4	897	10.8	---	24.0	On
EW-2019	0.0	0.3	208	13.0	---	11.8	Off
EW-2020	0.0	0.4	327	11.0	---	17.4	Off
EW-2021	0.0	0.3	259	13.4	---	14.1	Off
EW-2022	0.0	0.4	469	11.8	---	22.0	Off
EW-2023	0.4	0.5	485	10.6	---	19.3	On
EW-2024	0.3	0.5	292	11.9	---	14.6	On
EW-2025	0.8	3.0	1,197	10.8	---	24.0	On
EW-2026	0.6	2.3	864	10.2	---	24.0	On
EW-2027	0.8	3.2	1,164	7.8	---	24.0	On
EW-2028	0.7	2.8	1,047	8.8	---	24.0	On
EW-2029	0.8	3.3	1,176	6.8	---	24.0	On
EW-2030	1.5	5.5	2,149	10.1	---	24.0	On
EW-2031	1.6	6.0	2,299	10.8	---	24.0	On
EW-2032	0.5	1.6	680	9.1	---	24.0	On
EW-2033	0.5	1.9	713	10.0	---	24.0	On
EW-2034	0.9	3.6	1,310	8.1	28.2	24.0	On
EW-2035	1.1	1.8	1,617	6.6	27.1	24.0	On
EW-2036	0.9	4.1	1,228	12.7	41.9	23.9	On
EW-2037	0.7	3.9	1,018	3.7	47.3	23.9	On
EW-2101	17.1	17.1	23,256	10.4	61.7	23.4	On
EW-2102	17.0	23.7	24,573	15.3	64.2	24.0	On
EW-2103	13.1	17.4	18,741	16.9	53.2	23.9	On
EW-2104	41.5	43.2	59,655	13.5	69.4	23.9	On
EW-3001	0.0	0.0	0	1.8	17.0	0.0	Off
EW-3002	0.0	0.5	355	2.3	15.7	17.2	Off
EW-3003	0.0	0.0	0	4.3	15.5	0.0	Off

Daily Log

August 1, 2016 12AM to August 2, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	643	-0.1	---	23.9	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	3.9	1,440	-1.0	---	23.9	On
EW-3008	0.5	0.6	641	-0.8	---	23.9	On
EW-3009	3.1	5.7	4,391	-1.5	---	23.9	On
EW-3010	1.1	5.2	1,616	-2.4	---	23.9	On
EW-3011	0.0	0.5	6	-0.1	27.2	0.4	Off
EW-3012	0.6	1.0	758	-4.1	31.5	23.9	On
EW-3013	1.0	4.9	1,356	-6.5	40.1	23.9	On
EW-3014	0.0	0.8	236	-7.5	45.4	13.2	On
EW-3015	1.1	4.5	1,525	-6.2	52.8	23.9	On
EW-3016	0.6	1.2	785	0.1	58.7	23.9	On
EW-3017	0.0	1.0	161	-7.0	60.2	8.6	Off
EW-3018	0.0	0.9	88	-9.7	60.0	4.8	Off
EW-3019	1.0	4.3	1,335	-1.6	60.6	23.9	On
EW-3020	3.5	5.9	4,994	-2.1	48.5	23.9	On
EW-3021	0.4	0.6	411	-0.4	37.8	20.9	On
EW-3022	0.6	3.6	850	-2.4	46.7	23.9	On
EW-3023	2.9	3.2	4,118	-6.4	32.6	23.9	On
EW-3024	0.3	0.6	602	1.8	---	23.5	On
EW-3025	2.6	5.3	3,826	-4.3	49.5	23.9	On
EW-3026	3.3	4.3	4,606	-9.1	50.8	23.6	On
EW-3027	0.5	0.6	638	0.1	---	23.9	On
EW-4001	2.0	2.7	2,860	-1.2	41.9	23.9	On
EW-4002	2.0	6.3	2,973	-47.1	17.3	23.9	On
EW-4003	2.0	2.2	2,772	-26.1	---	23.9	On
EW-4004	1.6	2.0	2,202	-10.7	18.5	23.9	On
EW-4005	2.0	2.2	2,743	-15.4	---	23.9	On
EW-4006	1.4	4.6	2,072	-51.1	43.4	23.9	On
EW-4007	1.1	1.7	1,480	-6.9	47.9	23.9	On
EW-4008	1.9	2.9	2,781	-6.1	51.7	23.9	On
EW-4009	1.0	1.6	1,414	-30.5	41.5	23.9	On
EW-4010	2.1	2.2	2,973	1.4	58.1	23.8	On
EW-4011	2.1	2.5	3,012	-23.3	57.9	23.9	On
EW-5001	2.0	2.3	2,772	-22.1	---	23.9	On
EW-5002	0.0	0.0	0	4.3	23.5	0.0	Off
EW Totals	**160.6**		**230,352**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	229.5	166 GPM
FIT-500	202 GPM	202.2	243 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

August 1, 2016 12AM to August 2, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	21.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 1, 2016 12AM to August 2, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	33.2
Permeate Flow	FIT-642	0 GPM	23.6
Concentrate Flow	FIT-643	0 GPM	8.9

Inlet Conductivity	CIT-630	801.2 µS
Outlet Conductivity	CIT-642	53.5 µS
Hours Run		6.4 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 2, 2016 12AM to August 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,782	1.6	49.4	24.0	On
EW-2002	0.9	1.0	1,230	5.5	48.5	24.0	On
EW-2003	1.2	1.3	1,776	5.1	39.4	24.0	On
EW-2004	0.5	1.6	679	9.6	33.2	24.0	On
EW-2005	0.4	0.5	569	9.4	30.9	24.0	On
EW-2006	0.8	0.8	1,089	8.3	27.4	24.0	On
EW-2007	1.8	1.9	2,641	8.2	23.5	24.0	On
EW-2008	0.6	0.7	809	2.5	25.9	24.0	On
EW-2009	1.2	1.3	1,636	3.4	26.2	24.0	On
EW-2010	0.0	0.5	284	6.1	24.9	16.0	Off
EW-2011	0.4	0.5	356	8.8	23.4	17.5	On
EW-2012	0.3	0.5	111	12.4	16.7	6.9	On
EW-2013	0.4	0.5	385	18.2	16.8	18.1	On
EW-2014	1.1	1.1	1,504	13.0	24.0	24.0	On
EW-2015	0.5	0.6	577	12.8	17.5	21.1	On
EW-2016	0.6	0.6	760	10.9	---	24.0	On
EW-2017	1.5	1.5	2,091	12.4	---	24.0	On
EW-2018	0.9	0.9	899	11.0	---	24.0	On
EW-2019	0.0	0.3	217	12.8	---	12.3	Off
EW-2020	0.4	0.4	326	12.0	---	17.2	On
EW-2021	0.3	0.3	263	11.5	---	14.3	On
EW-2022	0.4	0.4	478	11.3	---	22.4	On
EW-2023	0.5	0.5	486	12.9	---	19.1	On
EW-2024	0.5	0.5	293	11.1	---	14.4	On
EW-2025	1.0	1.1	1,198	11.0	---	24.0	On
EW-2026	0.8	0.9	863	10.4	---	24.0	On
EW-2027	1.0	1.0	1,165	8.0	---	24.0	On
EW-2028	1.0	1.0	1,049	9.0	---	24.0	On
EW-2029	1.0	1.0	1,177	7.0	---	24.0	On
EW-2030	1.6	1.6	2,147	10.4	---	24.0	On
EW-2031	1.7	1.7	2,293	11.1	---	24.0	On
EW-2032	0.7	0.7	674	9.3	---	24.0	On
EW-2033	0.8	0.8	723	10.2	---	24.0	On
EW-2034	0.9	1.0	1,310	8.3	28.8	24.0	On
EW-2035	1.1	1.2	1,631	6.6	26.8	24.0	On
EW-2036	0.9	0.9	1,236	12.9	41.7	24.0	On
EW-2037	0.8	0.8	1,003	4.0	47.1	24.0	On
EW-2101	17.0	17.1	24,486	10.2	64.0	24.0	On
EW-2102	17.0	17.6	24,454	15.3	66.5	24.0	On
EW-2103	13.1	13.2	18,763	16.9	53.0	24.0	On
EW-2104	41.5	41.8	59,723	13.5	69.4	24.0	On
EW-3001	0.0	0.0	0	1.8	16.6	0.0	Off
EW-3002	0.0	0.5	396	2.3	15.4	18.9	On
EW-3003	0.0	0.0	0	4.3	15.3	0.0	Off

Daily Log

August 2, 2016 12AM to August 3, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	625	0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,417	-0.7	---	24.0	On
EW-3008	0.5	0.5	622	-0.5	---	24.0	On
EW-3009	3.1	3.1	4,381	-1.4	---	24.0	On
EW-3010	1.2	1.2	1,563	-2.1	---	24.0	On
EW-3011	0.0	0.0	0	0.0	27.7	0.0	Off
EW-3012	0.6	0.6	751	-3.5	32.3	24.0	On
EW-3013	0.9	1.1	1,351	-6.1	41.4	24.0	On
EW-3014	0.3	0.4	238	-8.7	47.1	13.2	On
EW-3015	1.1	1.2	1,529	-6.1	54.8	24.0	On
EW-3016	0.5	0.6	758	0.3	61.0	24.0	On
EW-3017	0.0	0.9	159	-5.9	62.4	8.5	Off
EW-3018	0.0	0.7	87	-9.3	62.2	4.8	Off
EW-3019	0.9	1.1	1,333	-1.6	62.9	24.0	On
EW-3020	3.5	3.5	5,034	-2.1	48.4	24.0	On
EW-3021	0.0	0.4	466	0.9	37.2	23.0	Off
EW-3022	0.6	0.7	825	-2.4	46.4	24.0	On
EW-3023	2.9	2.9	4,174	-6.1	33.2	24.0	On
EW-3024	0.5	0.6	610	1.1	---	23.9	On
EW-3025	2.7	2.7	3,765	-4.6	49.2	24.0	On
EW-3026	3.3	3.3	4,705	-9.2	50.5	24.0	On
EW-3027	0.5	0.5	621	0.2	---	24.0	On
EW-4001	2.0	2.1	2,877	-1.2	41.8	24.0	On
EW-4002	2.1	2.3	2,968	-46.9	17.0	24.0	On
EW-4003	2.0	2.1	2,824	-26.6	---	24.0	On
EW-4004	1.6	1.7	2,256	-10.8	18.5	24.0	On
EW-4005	2.0	2.1	2,797	-15.7	---	24.0	On
EW-4006	1.5	1.5	2,061	-51.1	43.0	24.0	On
EW-4007	1.1	1.1	1,482	-7.0	47.5	24.0	On
EW-4008	2.0	2.1	2,791	-6.2	51.6	24.0	On
EW-4009	1.0	1.1	1,447	-31.1	42.7	24.0	On
EW-4010	2.0	2.1	2,981	1.4	57.9	24.0	On
EW-4011	2.1	2.3	3,105	-25.0	57.7	24.0	On
EW-5001	2.0	2.1	2,823	-22.5	---	24.0	On
EW-5002	0.0	0.0	0	4.2	23.5	0.0	Off
EW Totals	**165.0**		**231,955**				

	Value	Total (KGal)	Peak Flow
FIT-100	164 GPM	231.2	167 GPM
FIT-500	187 GPM	209.5	243 GPM
Effluent Temp	95.2 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

August 2, 2016 12AM to August 3, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	27.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 2, 2016 12AM to August 3, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	42.1
Permeate Flow	FIT-642	0 GPM	30.0
Concentrate Flow	FIT-643	0 GPM	11.3

Inlet Conductivity	CIT-630	838.8 µS
Outlet Conductivity	CIT-642	55.0 µS
Hours Run		5.6 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 3, 2016 12AM to August 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,759	1.5	49.4	24.0	On
EW-2002	0.8	0.9	1,212	5.4	48.5	24.0	On
EW-2003	1.2	1.3	1,779	4.9	39.5	24.0	On
EW-2004	0.5	0.6	667	8.9	33.3	24.0	On
EW-2005	0.4	0.5	564	8.6	30.9	24.0	On
EW-2006	0.7	0.8	1,064	8.3	27.2	24.0	On
EW-2007	1.8	1.9	2,640	8.1	23.4	24.0	On
EW-2008	0.6	0.7	807	2.6	25.9	24.0	On
EW-2009	1.1	1.3	1,631	3.6	26.1	24.0	On
EW-2010	0.3	0.5	282	5.8	24.9	15.9	On
EW-2011	0.3	0.5	356	9.3	23.4	17.6	On
EW-2012	0.0	0.4	168	12.3	16.3	9.8	Off
EW-2013	0.3	0.5	379	17.9	16.3	18.3	On
EW-2014	1.0	1.2	1,507	13.0	23.8	24.0	On
EW-2015	0.5	0.6	586	11.7	17.4	21.4	On
EW-2016	0.4	0.7	763	10.7	---	24.0	On
EW-2017	1.4	1.6	2,098	12.2	---	24.0	On
EW-2018	0.6	1.1	899	11.2	---	24.0	On
EW-2019	0.3	0.4	212	13.0	---	12.0	On
EW-2020	0.0	0.5	329	10.8	---	17.5	Off
EW-2021	0.3	0.3	259	12.5	---	14.1	On
EW-2022	0.3	0.5	484	11.2	---	22.6	On
EW-2023	0.0	0.5	488	12.4	---	19.2	Off
EW-2024	0.3	0.5	294	10.4	---	14.4	On
EW-2025	0.6	1.0	1,199	11.1	---	24.0	On
EW-2026	0.5	0.9	866	10.6	---	24.0	On
EW-2027	0.6	1.0	1,165	8.1	---	24.0	On
EW-2028	0.7	1.1	1,050	9.2	---	24.0	On
EW-2029	0.6	1.1	1,176	7.2	---	24.0	On
EW-2030	1.4	1.6	2,145	10.3	---	24.0	On
EW-2031	1.5	1.7	2,281	11.0	---	24.0	On
EW-2032	0.3	0.8	674	9.5	---	24.0	On
EW-2033	0.5	0.9	746	10.4	---	24.0	On
EW-2034	0.9	1.1	1,307	8.3	28.8	24.0	On
EW-2035	1.1	1.2	1,628	6.5	26.6	24.0	On
EW-2036	0.8	0.9	1,227	12.8	41.6	24.0	On
EW-2037	0.6	0.8	996	3.8	46.8	24.0	On
EW-2101	16.9	17.2	24,311	10.1	65.4	24.0	On
EW-2102	17.1	17.4	24,294	15.3	68.0	24.0	On
EW-2103	12.9	13.4	18,759	16.9	52.8	24.0	On
EW-2104	41.6	41.8	59,702	13.5	69.2	24.0	On
EW-3001	0.0	0.0	0	1.8	16.2	0.0	Off
EW-3002	0.3	0.5	447	1.4	15.2	20.7	On
EW-3003	0.0	0.0	0	4.3	15.1	0.0	Off

Daily Log

August 3, 2016 12AM to August 4, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.3	0.6	626	0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	1.1	1,413	-0.8	---	24.0	On
EW-3008	0.3	0.6	625	-0.6	---	24.0	On
EW-3009	3.0	3.2	4,388	-1.5	---	24.0	On
EW-3010	0.9	1.2	1,537	-2.2	---	24.0	On
EW-3011	0.0	0.0	0	0.0	27.7	0.0	Off
EW-3012	0.5	0.6	750	-3.7	32.5	24.0	On
EW-3013	0.9	1.4	1,358	-6.4	41.9	24.0	On
EW-3014	0.0	0.5	235	-8.4	47.7	13.1	Off
EW-3015	1.0	1.6	1,527	-6.1	55.7	24.0	On
EW-3016	0.6	0.8	783	-2.0	62.2	24.0	On
EW-3017	0.3	0.8	160	-6.0	63.7	8.5	On
EW-3018	0.0	0.6	87	-9.1	63.5	4.8	Off
EW-3019	0.9	1.5	1,329	-1.4	64.2	24.0	On
EW-3020	3.5	3.5	5,020	-2.2	48.5	24.0	On
EW-3021	0.3	0.4	467	-0.2	37.1	23.1	On
EW-3022	0.5	0.7	809	-2.3	45.8	24.0	On
EW-3023	2.8	2.9	4,042	-5.4	33.2	24.0	On
EW-3024	0.3	0.6	611	1.0	---	23.8	On
EW-3025	2.6	2.7	3,792	-4.6	48.6	24.0	On
EW-3026	3.2	3.3	4,689	-9.1	49.9	24.0	On
EW-3027	0.3	0.6	622	0.2	---	24.0	On
EW-4001	2.1	2.1	2,874	-1.3	41.6	24.0	On
EW-4002	2.0	2.3	2,968	-46.9	16.6	24.0	On
EW-4003	2.0	2.2	2,830	-28.0	---	24.0	On
EW-4004	1.6	1.8	2,263	-11.7	18.3	24.0	On
EW-4005	2.0	2.2	2,802	-16.7	---	24.0	On
EW-4006	1.4	1.5	2,048	-50.9	42.5	24.0	On
EW-4007	1.0	1.1	1,442	-6.8	47.0	24.0	On
EW-4008	2.0	3.4	2,792	-6.5	51.3	24.0	On
EW-4009	1.0	1.1	1,443	-32.0	43.1	24.0	On
EW-4010	2.1	2.1	2,916	1.5	57.9	24.0	On
EW-4011	2.1	2.3	3,093	-25.4	57.7	24.0	On
EW-5001	2.0	2.2	2,826	-23.5	---	24.0	On
EW-5002	0.0	0.0	0	4.2	23.3	0.0	Off
EW Totals	**158.4**		**231,371**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	230.7	167 GPM
FIT-500	0 GPM	206.1	243 GPM
Effluent Temp	94.9 °F		
Effluent pH	7.1		

Recharge and Injection Daily Report

August 3, 2016 12AM to August 4, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	27.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 3, 2016 12AM to August 4, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	42.2
Permeate Flow	FIT-642	0 GPM	30.0
Concentrate Flow	FIT-643	0 GPM	11.3

Inlet Conductivity	CIT-630	834.8 µS
Outlet Conductivity	CIT-642	59.9 µS
Hours Run		7.2 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 4, 2016 12AM to August 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,765	1.6	49.1	24.0	On
EW-2002	0.9	0.9	1,210	5.5	48.1	24.0	On
EW-2003	1.2	1.3	1,761	5.0	39.1	24.0	On
EW-2004	0.5	0.6	761	9.0	32.8	24.0	On
EW-2005	0.4	0.5	594	9.2	30.4	24.0	On
EW-2006	0.7	0.8	1,075	8.5	26.6	24.0	On
EW-2007	1.9	1.9	2,650	8.0	22.6	24.0	On
EW-2008	0.6	0.7	808	2.4	24.1	24.0	On
EW-2009	1.1	1.3	1,633	3.4	24.5	24.0	On
EW-2010	0.0	0.4	280	6.5	23.2	15.8	Off
EW-2011	0.0	0.4	356	9.4	21.7	17.9	Off
EW-2012	0.0	0.6	128	13.2	15.7	7.9	Off
EW-2013	0.3	0.5	379	17.4	15.8	18.5	On
EW-2014	1.1	1.1	1,510	12.8	23.3	24.0	On
EW-2015	0.3	0.5	574	14.6	16.7	21.4	On
EW-2016	0.6	0.6	791	10.4	---	24.0	On
EW-2017	1.5	1.5	2,105	12.1	---	24.0	On
EW-2018	0.6	0.9	903	10.8	---	24.0	On
EW-2019	0.0	0.3	221	12.3	---	12.5	Off
EW-2020	0.0	0.4	327	11.5	---	17.5	Off
EW-2021	0.0	0.3	262	12.3	---	14.4	Off
EW-2022	0.4	0.4	478	11.5	---	22.6	On
EW-2023	0.4	0.5	490	11.1	---	19.5	On
EW-2024	0.0	0.5	293	10.9	---	14.8	Off
EW-2025	0.8	1.0	1,205	10.8	---	24.0	On
EW-2026	0.6	0.8	870	10.2	---	24.0	On
EW-2027	0.8	1.0	1,170	7.8	---	24.0	On
EW-2028	0.7	1.0	1,055	8.8	---	24.0	On
EW-2029	0.8	1.0	1,179	6.8	---	24.0	On
EW-2030	1.5	1.6	2,146	10.1	---	24.0	On
EW-2031	1.6	1.7	2,276	10.8	---	24.0	On
EW-2032	0.5	0.7	687	9.1	---	24.0	On
EW-2033	0.5	0.8	772	10.0	---	24.0	On
EW-2034	0.9	1.0	1,305	8.1	28.7	24.0	On
EW-2035	1.1	1.4	1,618	6.7	26.0	24.0	On
EW-2036	0.9	0.9	1,236	12.9	41.3	24.0	On
EW-2037	0.7	0.8	1,011	3.7	46.8	24.0	On
EW-2101	16.9	17.1	24,498	10.1	67.2	24.0	On
EW-2102	17.0	17.2	24,492	15.4	69.6	24.0	On
EW-2103	13.1	13.3	18,785	17.0	52.6	24.0	On
EW-2104	41.5	41.8	59,876	13.6	69.1	24.0	On
EW-3001	0.0	0.4	3	1.8	15.6	0.1	Off
EW-3002	0.4	0.5	443	1.4	14.6	20.7	On
EW-3003	0.0	0.3	1	4.3	14.4	0.1	Off

Daily Log

August 4, 2016 12AM to August 5, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	660	0.0	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.0	1,359	-1.0	---	24.0	On
EW-3008	0.5	0.5	656	-0.8	---	24.0	On
EW-3009	3.1	3.1	4,410	-1.6	---	24.0	On
EW-3010	1.1	1.2	1,512	-2.4	---	24.0	On
EW-3011	0.0	0.5	1	0.1	27.6	0.1	Off
EW-3012	0.5	0.6	762	-3.6	32.7	24.0	On
EW-3013	0.9	1.1	1,360	-6.2	42.7	24.0	On
EW-3014	0.3	0.5	234	-8.2	49.0	13.2	On
EW-3015	1.1	1.2	1,524	-5.9	57.1	24.0	On
EW-3016	0.4	0.7	820	-0.3	63.9	24.0	On
EW-3017	0.4	1.1	161	-7.5	65.6	8.6	On
EW-3018	0.3	0.8	87	-8.9	65.4	4.8	On
EW-3019	0.9	1.1	1,322	-1.3	66.0	24.0	On
EW-3020	3.5	3.5	5,014	-2.1	48.1	24.0	On
EW-3021	0.4	0.4	485	-0.3	36.8	23.7	On
EW-3022	0.5	0.6	780	-2.4	45.6	24.0	On
EW-3023	2.7	2.8	3,958	-5.1	33.1	24.0	On
EW-3024	0.0	0.5	619	1.6	---	23.5	Off
EW-3025	2.6	2.7	3,807	-4.5	48.4	24.0	On
EW-3026	3.3	3.3	4,674	-9.2	49.7	24.0	On
EW-3027	0.5	0.5	654	0.1	---	24.0	On
EW-4001	2.1	2.1	2,959	-1.5	41.3	24.0	On
EW-4002	2.1	2.2	2,960	-47.1	16.0	24.0	On
EW-4003	2.1	2.1	2,970	-28.0	---	24.0	On
EW-4004	1.7	1.8	2,431	-11.8	17.6	24.0	On
EW-4005	2.1	2.1	2,956	-16.8	---	24.0	On
EW-4006	1.4	1.5	2,028	-51.0	42.3	24.0	On
EW-4007	1.0	1.1	1,472	-7.0	46.8	24.0	On
EW-4008	2.0	2.1	2,912	-6.6	51.2	24.0	On
EW-4009	1.0	1.1	1,472	-32.7	43.7	24.0	On
EW-4010	2.2	2.2	3,075	1.3	58.3	24.0	On
EW-4011	2.2	2.3	3,104	-25.2	58.2	24.0	On
EW-5001	2.1	2.1	2,982	-23.7	---	24.0	On
EW-5002	0.0	2.5	26	4.4	22.7	0.2	Off
EW Totals	**161.2**		**233,181**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	232.7	166 GPM
FIT-500	17 GPM	205.1	243 GPM
Effluent Temp	95.9 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

August 4, 2016 12AM to August 5, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	23.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 4, 2016 12AM to August 5, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	34.4
Permeate Flow	FIT-642	0 GPM	24.5
Concentrate Flow	FIT-643	0 GPM	9.2

Inlet Conductivity	CIT-630	846.1 µS
Outlet Conductivity	CIT-642	151.6 µS
Hours Run		7.2 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 5, 2016 12AM to August 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	2.0	2,745	1.8	48.5	24.0	On
EW-2002	0.8	1.1	1,198	5.6	47.6	24.0	On
EW-2003	1.2	1.3	1,760	5.1	39.0	24.0	On
EW-2004	0.4	0.6	696	9.8	32.8	24.0	On
EW-2005	0.4	0.5	590	8.6	30.6	24.0	On
EW-2006	0.7	1.0	1,124	8.4	26.9	24.0	On
EW-2007	1.8	2.1	2,623	8.2	23.1	24.0	On
EW-2008	0.6	0.7	802	2.6	25.1	24.0	On
EW-2009	1.1	1.4	1,629	3.5	25.4	24.0	On
EW-2010	0.0	0.5	281	5.6	24.2	15.8	Off
EW-2011	0.3	0.5	356	9.1	22.7	17.6	On
EW-2012	0.0	0.3	104	12.3	16.0	6.8	Off
EW-2013	0.3	0.6	379	17.3	16.0	18.2	On
EW-2014	1.0	2.1	1,504	12.9	22.9	24.0	On
EW-2015	0.5	0.7	587	12.4	16.9	22.1	On
EW-2016	0.4	0.7	760	10.5	---	24.0	On
EW-2017	1.4	1.6	2,094	12.2	---	24.0	On
EW-2018	0.4	1.4	898	11.1	---	24.0	On
EW-2019	0.0	0.4	213	13.3	---	12.0	On
EW-2020	0.3	0.5	329	10.7	---	17.1	On
EW-2021	0.0	0.5	259	13.3	---	14.1	Off
EW-2022	0.3	0.5	476	11.2	---	22.2	On
EW-2023	0.0	0.6	485	13.1	---	19.1	On
EW-2024	0.3	0.6	294	10.5	---	14.8	On
EW-2025	0.6	1.4	1,198	10.9	---	24.0	On
EW-2026	0.3	1.2	860	10.4	---	24.0	On
EW-2027	0.6	1.3	1,165	8.0	---	24.0	On
EW-2028	0.4	1.4	1,047	9.0	---	24.0	On
EW-2029	0.6	1.4	1,175	7.0	---	24.0	On
EW-2030	1.4	1.9	2,140	10.2	---	24.0	On
EW-2031	1.5	1.9	2,267	10.9	---	24.0	On
EW-2032	0.2	1.1	682	9.3	---	24.0	On
EW-2033	0.3	1.3	777	10.2	---	24.0	On
EW-2034	0.9	1.6	1,309	8.1	29.0	24.0	On
EW-2035	1.1	1.3	1,623	6.7	26.5	24.0	On
EW-2036	0.8	2.3	1,236	12.7	39.7	24.0	On
EW-2037	0.6	2.8	1,005	3.7	44.7	24.0	On
EW-2101	17.1	21.1	19,397	10.4	66.4	24.0	On
EW-2102	17.1	18.9	19,358	15.6	69.4	24.0	On
EW-2103	12.9	16.9	15,316	17.2	50.5	24.0	On
EW-2104	39.9	41.8	43,485	14.1	65.4	24.0	On
EW-3001	0.0	0.0	0	1.8	15.9	0.0	Off
EW-3002	0.3	0.6	468	1.5	14.9	21.4	On
EW-3003	0.0	0.0	0	4.3	14.7	0.0	Off

Daily Log

August 5, 2016 12AM to August 6, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	1	1.3	---	0.0	Off
EW-3005	0.3	0.6	623	0.1	---	24.0	On
EW-3006	0.0	0.4	1	1.4	---	0.1	Off
EW-3007	0.8	1.4	1,353	-0.9	---	24.0	On
EW-3008	0.3	0.6	619	-0.7	---	24.0	On
EW-3009	3.0	3.2	4,429	-1.6	---	24.0	On
EW-3010	0.9	1.4	1,485	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	0.1	27.9	0.0	Off
EW-3012	0.5	0.8	741	-3.5	32.9	24.0	On
EW-3013	0.9	2.4	1,359	-6.2	42.6	24.0	On
EW-3014	0.0	0.5	234	-8.9	48.7	12.9	Off
EW-3015	1.1	5.4	1,518	-6.3	56.8	23.9	On
EW-3016	0.6	1.1	856	-2.6	63.5	24.0	On
EW-3017	0.0	1.1	159	-6.6	65.0	8.4	Off
EW-3018	0.0	0.6	88	-9.4	64.8	4.9	Off
EW-3019	0.9	3.4	1,321	-1.6	65.6	24.0	On
EW-3020	3.4	3.6	4,972	-1.8	47.6	24.0	On
EW-3021	0.3	0.7	460	-0.3	36.0	22.4	On
EW-3022	0.5	1.6	770	-2.5	44.7	24.0	On
EW-3023	2.7	3.1	3,986	-5.0	33.3	24.0	On
EW-3024	0.3	0.6	609	1.0	---	23.9	On
EW-3025	2.6	3.2	3,818	-4.6	47.4	24.0	On
EW-3026	3.2	3.6	4,662	-9.1	48.7	24.0	On
EW-3027	0.3	0.6	618	0.2	---	24.0	On
EW-4001	1.8	2.6	2,874	-0.9	39.7	24.0	On
EW-4002	2.0	2.6	2,953	-46.9	16.2	24.0	On
EW-4003	1.9	2.2	2,922	-27.8	---	24.0	On
EW-4004	1.4	1.8	2,300	-10.4	18.1	24.0	On
EW-4005	2.0	2.2	2,935	-16.9	---	24.0	On
EW-4006	1.4	2.6	2,023	-51.0	41.3	24.0	On
EW-4007	1.1	1.2	1,474	-7.2	45.8	24.0	On
EW-4008	1.9	2.8	2,868	-6.0	48.9	24.0	On
EW-4009	1.0	1.4	1,456	-32.0	43.9	24.0	On
EW-4010	2.0	2.4	3,145	1.6	55.1	24.0	On
EW-4011	2.1	2.6	3,113	-24.9	55.0	24.0	On
EW-5001	1.9	2.2	2,923	-23.4	---	24.0	On
EW-5002	0.0	0.0	0	4.4	23.1	0.0	Off
EW Totals	**154.2**		**202,359**				

	Value	Total (KGal)	Peak Flow
FIT-100	154 GPM	202.1	166 GPM
FIT-500	204 GPM	183.8	244 GPM
Effluent Temp	95.4 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

August 5, 2016 12AM to August 6, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	25.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 5, 2016 12AM to August 6, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	38.2
Permeate Flow	FIT-642	0 GPM	27.3
Concentrate Flow	FIT-643	0 GPM	10.2

Inlet Conductivity	CIT-630	848.7 µS
Outlet Conductivity	CIT-642	66.3 µS
Hours Run		5.9 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 6, 2016 12AM to August 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,702	1.7	48.4	24.0	On
EW-2002	0.8	0.9	1,186	5.4	47.5	24.0	On
EW-2003	1.2	1.2	1,743	5.1	38.8	24.0	On
EW-2004	0.4	0.5	635	9.8	32.5	24.0	On
EW-2005	0.4	0.5	591	9.5	30.1	24.0	On
EW-2006	0.7	0.8	1,051	8.8	26.5	24.0	On
EW-2007	1.8	1.8	2,612	8.1	22.5	24.0	On
EW-2008	0.5	0.6	793	2.5	24.2	24.0	On
EW-2009	1.1	1.3	1,619	3.4	24.6	24.0	On
EW-2010	0.0	0.4	275	6.4	23.4	15.7	Off
EW-2011	0.3	0.4	355	9.5	21.9	18.1	On
EW-2012	0.0	0.3	104	12.9	15.1	6.7	Off
EW-2013	0.0	0.5	371	18.5	15.1	18.2	Off
EW-2014	1.1	1.1	1,511	12.7	22.4	24.0	On
EW-2015	0.4	0.5	581	14.7	16.2	21.6	On
EW-2016	0.6	0.6	788	10.4	---	24.0	On
EW-2017	1.5	1.5	2,085	12.2	---	24.0	On
EW-2018	0.6	0.9	901	10.8	---	24.0	On
EW-2019	0.0	0.4	214	13.2	---	12.1	Off
EW-2020	0.3	0.4	329	10.3	---	17.5	On
EW-2021	0.3	0.3	261	12.6	---	14.4	On
EW-2022	0.4	0.4	479	11.2	---	22.8	On
EW-2023	0.4	0.5	489	13.0	---	19.5	On
EW-2024	0.0	0.5	292	11.6	---	14.9	Off
EW-2025	0.8	1.0	1,204	10.8	---	24.0	On
EW-2026	0.6	0.8	867	10.2	---	24.0	On
EW-2027	0.8	1.0	1,169	7.8	---	24.0	On
EW-2028	0.7	0.9	1,054	8.8	---	24.0	On
EW-2029	0.8	1.0	1,179	6.8	---	24.0	On
EW-2030	1.5	1.5	2,145	10.1	---	24.0	On
EW-2031	1.6	1.6	2,266	10.8	---	24.0	On
EW-2032	0.5	0.7	685	9.1	---	24.0	On
EW-2033	0.6	0.8	792	10.0	---	24.0	On
EW-2034	0.9	0.9	1,306	8.0	28.8	24.0	On
EW-2035	1.1	1.1	1,625	6.6	26.0	24.0	On
EW-2036	0.9	0.9	1,225	12.8	39.5	24.0	On
EW-2037	0.7	0.8	995	3.7	44.6	24.0	On
EW-2101	17.1	17.1	24,500	10.2	66.3	24.0	On
EW-2102	17.0	17.2	24,491	15.4	69.0	24.0	On
EW-2103	13.1	13.2	18,731	17.1	50.4	24.0	On
EW-2104	40.0	40.2	57,610	13.9	65.2	24.0	On
EW-3001	0.0	0.0	0	1.8	15.0	0.0	Off
EW-3002	0.4	0.5	487	1.4	14.1	21.8	On
EW-3003	0.0	0.0	0	4.3	14.0	0.0	Off

Daily Log

August 6, 2016 12AM to August 7, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.2	---	0.0	Off
EW-3005	0.5	0.5	660	0.0	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.0	1,315	-1.0	---	24.0	On
EW-3008	0.5	0.5	654	-0.8	---	24.0	On
EW-3009	3.1	3.1	4,403	-1.6	---	24.0	On
EW-3010	1.0	1.1	1,450	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.2	27.6	0.0	Off
EW-3012	0.5	0.6	766	-3.5	32.8	24.0	On
EW-3013	0.9	1.1	1,359	-6.5	42.9	24.0	On
EW-3014	0.3	0.5	231	-8.3	48.7	13.1	On
EW-3015	1.0	1.2	1,498	-6.3	56.6	24.0	On
EW-3016	0.7	0.7	954	-3.4	63.1	24.0	On
EW-3017	0.0	0.9	158	-6.5	64.8	8.5	Off
EW-3018	0.0	0.7	87	-9.3	64.4	4.8	Off
EW-3019	0.9	1.1	1,316	-1.5	65.1	24.0	On
EW-3020	3.4	3.4	4,924	-1.9	47.5	24.0	On
EW-3021	0.4	0.4	494	-0.3	35.7	24.0	On
EW-3022	0.5	0.6	762	-2.6	44.6	24.0	On
EW-3023	2.7	2.7	3,869	-4.8	33.0	24.0	On
EW-3024	0.5	0.5	642	0.8	---	24.0	On
EW-3025	2.6	2.7	3,790	-4.6	47.3	24.0	On
EW-3026	3.2	3.3	4,652	-9.2	48.6	24.0	On
EW-3027	0.5	0.5	657	0.1	---	24.0	On
EW-4001	1.9	1.9	2,672	-0.9	39.6	24.0	On
EW-4002	2.0	2.2	2,955	-47.2	15.4	24.0	On
EW-4003	2.1	2.1	2,936	-27.8	---	24.0	On
EW-4004	1.6	1.6	2,199	-10.7	17.6	24.0	On
EW-4005	2.1	2.1	2,987	-17.0	---	24.0	On
EW-4006	1.4	1.4	2,019	-51.2	41.3	24.0	On
EW-4007	1.1	1.1	1,549	-7.1	45.7	24.0	On
EW-4008	1.9	2.0	2,744	-6.0	48.8	24.0	On
EW-4009	1.0	1.1	1,469	-31.8	44.0	24.0	On
EW-4010	2.0	2.0	2,890	1.6	55.1	24.0	On
EW-4011	2.1	2.2	3,045	-25.1	55.0	24.0	On
EW-5001	2.1	2.1	2,933	-23.5	---	24.0	On
EW-5002	0.0	0.0	0	4.4	22.6	0.0	Off
EW Totals	**159.1**		**229,338**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	228.7	163 GPM
FIT-500	65 GPM	201.6	241 GPM
Effluent Temp	95.4 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

August 6, 2016 12AM to August 7, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	27.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 6, 2016 12AM to August 7, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	43.2
Permeate Flow	FIT-642	0 GPM	30.8
Concentrate Flow	FIT-643	0 GPM	11.6

Inlet Conductivity	CIT-630	849.0 µS
Outlet Conductivity	CIT-642	53.3 µS
Hours Run		6.7 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	95.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 7, 2016 12AM to August 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.9	1.9	2,686	1.7	48.6	24.0	On
EW-2002	0.8	0.8	1,175	5.6	47.7	24.0	On
EW-2003	1.2	1.2	1,729	5.1	39.2	24.0	On
EW-2004	0.4	0.5	632	9.8	32.9	24.0	On
EW-2005	0.3	0.5	565	9.3	30.5	24.0	On
EW-2006	0.6	0.7	970	9.3	27.0	24.0	On
EW-2007	1.8	1.8	2,605	8.2	23.2	24.0	On
EW-2008	0.5	0.7	786	2.6	25.6	24.0	On
EW-2009	1.1	1.3	1,610	3.6	25.9	24.0	On
EW-2010	0.3	0.4	274	5.9	24.7	15.7	On
EW-2011	0.3	0.5	353	9.3	23.2	17.9	On
EW-2012	0.0	0.3	105	12.3	16.1	6.8	Off
EW-2013	0.3	0.5	365	18.2	16.2	17.8	On
EW-2014	1.0	1.1	1,518	12.9	23.1	24.0	On
EW-2015	0.5	0.6	588	11.9	17.0	21.7	On
EW-2016	0.4	0.6	791	10.7	---	24.0	On
EW-2017	1.4	1.5	2,086	12.3	---	24.0	On
EW-2018	0.6	0.9	900	11.2	---	24.0	On
EW-2019	0.3	0.3	217	11.1	---	12.3	On
EW-2020	0.3	0.4	329	10.3	---	17.5	On
EW-2021	0.0	0.3	260	12.9	---	14.3	Off
EW-2022	0.0	0.4	478	12.3	---	22.5	Off
EW-2023	0.4	0.5	489	12.7	---	19.5	On
EW-2024	0.0	0.5	293	11.9	---	14.8	Off
EW-2025	0.7	1.0	1,202	11.2	---	24.0	On
EW-2026	0.6	0.8	864	10.6	---	24.0	On
EW-2027	0.7	1.0	1,166	8.2	---	24.0	On
EW-2028	0.7	0.9	1,052	9.2	---	24.0	On
EW-2029	0.8	1.0	1,177	7.2	---	24.0	On
EW-2030	1.4	1.6	2,143	10.3	---	24.0	On
EW-2031	1.5	1.6	2,257	11.0	---	24.0	On
EW-2032	0.4	0.7	684	9.5	---	24.0	On
EW-2033	0.4	0.8	807	10.2	---	24.0	On
EW-2034	0.9	0.9	1,305	8.3	29.0	24.0	On
EW-2035	1.1	1.2	1,639	6.6	26.3	24.0	On
EW-2036	0.8	0.9	1,207	12.9	40.0	24.0	On
EW-2037	0.6	0.7	989	3.9	45.0	24.0	On
EW-2101	17.1	17.1	24,493	10.1	66.9	24.0	On
EW-2102	16.7	17.2	24,369	15.5	69.3	24.0	On
EW-2103	12.9	13.1	18,736	17.1	50.8	24.0	On
EW-2104	39.9	40.2	57,587	13.9	65.8	24.0	On
EW-3001	0.0	0.0	0	1.8	16.0	0.0	Off
EW-3002	0.3	0.5	475	2.1	15.0	21.3	On
EW-3003	0.0	0.0	0	4.3	14.9	0.0	Off

Daily Log

August 7, 2016 12AM to August 8, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.3	0.5	662	0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.7	1.0	1,298	-0.7	---	24.0	On
EW-3008	0.3	0.5	657	-0.6	---	24.0	On
EW-3009	3.0	3.1	4,401	-1.5	---	24.0	On
EW-3010	0.8	1.1	1,427	-2.1	---	24.0	On
EW-3011	0.0	0.0	0	0.1	27.9	0.0	Off
EW-3012	0.5	0.6	763	-3.5	33.1	24.0	On
EW-3013	0.9	1.1	1,359	-6.3	43.2	24.0	On
EW-3014	0.0	0.5	231	-8.5	49.0	13.1	Off
EW-3015	1.1	1.2	1,498	-6.2	56.9	24.0	On
EW-3016	0.7	0.8	947	-2.7	63.6	24.0	On
EW-3017	0.0	0.8	158	-6.6	65.1	8.5	Off
EW-3018	0.0	0.6	86	-9.0	65.0	4.7	Off
EW-3019	0.9	1.1	1,309	-1.6	65.7	24.0	On
EW-3020	3.4	3.4	4,917	-1.9	47.7	24.0	On
EW-3021	0.3	0.4	495	-0.3	36.0	24.0	On
EW-3022	0.5	0.6	753	-2.5	44.6	24.0	On
EW-3023	2.7	2.7	3,840	-5.3	33.4	24.0	On
EW-3024	0.3	0.5	649	1.0	---	24.0	On
EW-3025	2.6	2.7	3,793	-4.6	47.2	24.0	On
EW-3026	3.2	3.2	4,625	-9.1	48.6	24.0	On
EW-3027	0.3	0.5	658	0.3	---	24.0	On
EW-4001	1.9	2.0	2,744	-1.0	40.0	24.0	On
EW-4002	2.1	2.2	2,953	-46.9	16.4	24.0	On
EW-4003	1.9	2.1	2,932	-27.5	---	24.0	On
EW-4004	1.4	1.6	2,204	-10.6	18.2	24.0	On
EW-4005	2.0	2.1	2,986	-16.8	---	24.0	On
EW-4006	1.4	1.4	2,003	-51.1	41.4	24.0	On
EW-4007	1.1	1.1	1,560	-7.1	45.8	24.0	On
EW-4008	1.9	2.0	2,746	-6.0	49.3	24.0	On
EW-4009	1.0	1.1	1,452	-31.6	44.3	24.0	On
EW-4010	2.0	2.1	2,926	1.6	55.7	24.0	On
EW-4011	2.1	2.2	3,032	-25.0	55.4	24.0	On
EW-5001	1.9	2.1	2,931	-23.2	---	24.0	On
EW-5002	0.0	0.0	0	4.4	23.3	0.0	Off
EW Totals	**155.2**		**228,954**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	228.3	163 GPM
FIT-500	0 GPM	197.0	242 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

August 7, 2016 12AM to August 8, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	27.6
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 7, 2016 12AM to August 8, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	39.9
Permeate Flow	FIT-642	0 GPM	28.4
Concentrate Flow	FIT-643	0 GPM	10.7

Inlet Conductivity	CIT-630	829.3 µS
Outlet Conductivity	CIT-642	57.3 µS
Hours Run		7.2 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	95.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 8, 2016 12AM to August 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.6	2,669	1.4	52.0	23.2	On
EW-2002	0.9	5.0	1,195	5.3	50.9	23.2	On
EW-2003	1.4	5.1	1,787	4.8	40.9	22.9	On
EW-2004	0.5	0.7	704	8.9	34.8	23.2	On
EW-2005	0.4	0.6	590	9.0	32.3	23.2	On
EW-2006	0.9	0.9	1,055	8.2	28.7	23.2	On
EW-2007	2.0	4.9	2,613	8.1	24.6	23.2	On
EW-2008	0.6	2.8	820	2.6	27.3	23.2	On
EW-2009	1.2	5.3	1,637	3.6	27.6	23.2	On
EW-2010	0.3	0.6	296	5.7	26.3	16.4	On
EW-2011	0.3	0.6	360	9.0	24.8	17.9	On
EW-2012	0.0	0.4	111	12.8	16.4	7.1	Off
EW-2013	0.3	0.5	387	18.0	16.4	18.3	On
EW-2014	1.0	4.4	1,479	12.9	23.4	23.2	On
EW-2015	0.3	0.5	595	12.3	17.2	22.4	On
EW-2016	0.4	0.6	734	11.7	---	23.2	On
EW-2017	1.5	4.6	2,049	12.2	---	23.2	On
EW-2018	0.6	7.6	884	11.2	---	23.2	On
EW-2019	0.3	0.4	207	12.2	---	11.7	On
EW-2020	0.3	0.4	322	12.2	---	17.1	On
EW-2021	0.0	0.3	256	13.9	---	14.0	Off
EW-2022	0.3	0.4	479	11.8	---	22.7	On
EW-2023	0.4	0.5	476	12.9	---	19.1	On
EW-2024	0.3	0.5	296	10.7	---	14.9	On
EW-2025	0.8	7.2	1,174	11.2	---	23.2	On
EW-2026	0.6	7.4	846	10.6	---	23.2	On
EW-2027	0.8	7.4	1,144	8.2	---	23.2	On
EW-2028	0.7	7.3	1,033	9.2	---	23.2	On
EW-2029	0.8	7.4	1,151	7.2	---	23.2	On
EW-2030	1.4	7.3	2,089	10.4	---	23.2	On
EW-2031	1.5	7.6	2,207	11.1	---	23.2	On
EW-2032	0.5	6.8	672	9.5	---	23.2	On
EW-2033	0.6	7.5	857	10.4	---	23.2	On
EW-2034	0.9	2.7	1,300	8.3	31.1	23.2	On
EW-2035	1.1	1.7	1,599	6.6	34.1	23.2	On
EW-2036	0.9	2.8	1,258	12.9	40.7	23.2	On
EW-2037	0.7	5.7	1,012	3.8	45.6	23.2	On
EW-2101	19.8	28.0	26,172	10.3	72.9	23.2	On
EW-2102	16.0	19.5	22,431	15.7	74.1	23.2	On
EW-2103	13.0	16.6	18,149	17.3	51.4	23.2	On
EW-2104	39.9	41.9	55,811	14.2	66.6	23.2	On
EW-3001	0.0	0.5	2	2.2	16.2	0.1	Off
EW-3002	0.4	0.5	516	1.6	15.1	22.5	On
EW-3003	0.0	0.6	1	4.3	15.0	0.0	Off

Daily Log

August 8, 2016 12AM to August 9, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	36	1.3	---	2.3	Off
EW-3005	0.3	0.5	604	0.3	---	23.1	On
EW-3006	0.0	0.5	5	1.4	---	0.2	Off
EW-3007	0.9	6.1	1,337	-0.7	---	23.1	On
EW-3008	0.3	0.5	596	-0.4	---	23.1	On
EW-3009	3.4	6.9	4,483	-1.5	---	23.1	On
EW-3010	1.0	6.0	1,411	-2.1	---	23.1	On
EW-3011	0.0	0.7	36	-0.6	30.0	1.8	Off
EW-3012	0.4	0.8	713	-3.0	35.7	23.1	On
EW-3013	0.9	4.5	1,340	-6.1	46.8	23.1	On
EW-3014	0.3	0.5	238	-8.7	53.1	13.2	On
EW-3015	1.0	4.8	1,493	-6.0	61.8	23.1	On
EW-3016	0.5	1.0	809	-0.7	68.9	23.1	On
EW-3017	0.3	1.1	159	-6.1	70.8	8.5	On
EW-3018	0.0	1.1	87	-9.2	70.5	4.9	Off
EW-3019	0.9	3.4	1,283	-1.4	71.2	23.1	On
EW-3020	3.6	5.9	4,804	-2.2	50.7	23.1	On
EW-3021	0.3	0.6	439	-0.4	37.2	21.6	On
EW-3022	0.6	4.2	767	-2.5	46.8	23.1	On
EW-3023	3.2	6.9	4,130	-6.5	33.0	22.7	On
EW-3024	0.3	0.5	596	1.5	---	23.1	On
EW-3025	2.8	5.2	3,766	-4.6	49.7	23.1	On
EW-3026	3.4	4.4	4,489	-9.2	51.2	23.1	On
EW-3027	0.3	0.5	598	0.4	---	23.1	On
EW-4001	2.0	2.2	2,794	-0.6	40.8	22.9	On
EW-4002	2.0	6.9	2,876	-46.8	16.6	22.9	On
EW-4003	1.8	3.4	2,766	-22.9	---	22.9	On
EW-4004	1.4	1.8	2,100	-9.1	19.2	22.9	On
EW-4005	1.8	2.2	2,805	-13.3	---	22.9	On
EW-4006	1.4	5.3	1,958	-51.0	43.2	22.9	On
EW-4007	1.1	1.1	1,447	-6.3	47.9	22.9	On
EW-4008	2.0	2.2	2,718	-5.8	50.0	22.9	On
EW-4009	0.9	1.4	1,378	-22.6	47.7	22.9	On
EW-4010	2.1	2.1	2,813	2.2	56.1	22.9	On
EW-4011	2.1	2.3	2,918	-19.9	55.7	22.9	On
EW-5001	1.8	2.2	2,759	-19.8	---	22.9	On
EW-5002	0.0	0.0	0	4.6	24.3	0.0	Off
EW Totals	**162.0**		**224,979**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	224.3	192 GPM
FIT-500	204 GPM	216.4	240 GPM
Effluent Temp	94.1 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

August 8, 2016 12AM to August 9, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	13.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 8, 2016 12AM to August 9, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	20.6
Permeate Flow	FIT-642	0 GPM	14.7
Concentrate Flow	FIT-643	0 GPM	5.5

Inlet Conductivity	CIT-630	843.8 µS
Outlet Conductivity	CIT-642	90.6 µS
Hours Run		7.3 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	93.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 9, 2016 12AM to August 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	2,941	1.8	53.4	24.0	On
EW-2002	1.0	1.1	1,408	5.7	52.3	24.0	On
EW-2003	1.5	1.6	2,121	5.1	41.9	24.0	On
EW-2004	0.5	0.6	791	10.4	35.2	24.0	On
EW-2005	0.4	0.5	644	10.1	32.7	24.0	On
EW-2006	0.8	0.9	1,225	9.3	28.8	24.0	On
EW-2007	2.1	2.1	2,959	8.2	24.6	24.0	On
EW-2008	0.6	0.9	908	2.5	27.4	24.0	On
EW-2009	1.2	1.4	1,757	3.4	27.6	24.0	On
EW-2010	0.3	0.4	390	5.8	26.3	20.5	On
EW-2011	0.3	0.5	375	8.1	24.8	19.4	On
EW-2012	0.0	0.3	111	12.0	16.2	7.2	Off
EW-2013	0.4	0.9	422	17.3	16.3	20.4	On
EW-2014	1.0	1.1	1,551	12.9	23.2	24.0	On
EW-2015	0.3	0.5	629	12.1	17.0	23.5	On
EW-2016	0.4	0.6	780	10.9	---	24.0	On
EW-2017	1.5	1.5	2,153	12.2	---	24.0	On
EW-2018	0.5	0.9	906	11.2	---	24.0	On
EW-2019	0.3	0.4	210	12.4	---	11.9	On
EW-2020	0.0	0.4	334	11.1	---	18.0	Off
EW-2021	0.0	0.3	264	11.5	---	14.6	Off
EW-2022	0.3	0.4	508	11.2	---	23.9	On
EW-2023	0.4	0.5	491	13.0	---	19.8	On
EW-2024	0.3	0.4	297	11.5	---	15.4	On
EW-2025	0.7	1.0	1,219	11.1	---	24.0	On
EW-2026	0.4	0.9	881	10.6	---	24.0	On
EW-2027	0.6	1.1	1,185	8.1	---	24.0	On
EW-2028	0.5	1.0	1,069	9.2	---	24.0	On
EW-2029	0.7	1.1	1,198	7.2	---	24.0	On
EW-2030	1.4	1.7	2,189	10.3	---	24.0	On
EW-2031	1.6	1.8	2,345	11.0	---	24.0	On
EW-2032	0.3	0.8	696	9.5	---	24.0	On
EW-2033	0.5	7.4	635	11.3	---	18.5	On
EW-2034	1.0	1.3	1,375	8.2	31.0	24.0	On
EW-2035	1.2	1.3	1,638	6.5	34.6	24.0	On
EW-2036	1.0	1.8	1,386	12.9	40.6	24.0	On
EW-2037	0.7	0.8	1,047	3.8	45.2	24.0	On
EW-2101	19.4	20.0	28,016	10.1	71.8	24.0	On
EW-2102	15.7	16.2	22,931	15.7	73.2	24.0	On
EW-2103	12.9	13.4	18,777	17.5	51.0	24.0	On
EW-2104	40.0	40.2	57,628	14.2	65.9	24.0	On
EW-3001	0.0	0.0	0	1.8	16.1	0.0	Off
EW-3002	0.3	0.5	536	1.5	15.1	23.4	On
EW-3003	0.0	0.0	0	4.3	14.9	0.0	Off

Daily Log

August 9, 2016 12AM to August 10, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	3	1.3	---	0.2	Off
EW-3005	0.3	0.5	652	0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.1	1,401	-0.8	---	24.0	On
EW-3008	0.3	0.5	645	-0.6	---	24.0	On
EW-3009	3.1	3.4	4,551	-1.4	---	24.0	On
EW-3010	1.0	1.2	1,495	-2.2	---	24.0	On
EW-3011	0.0	0.0	0	-0.4	29.8	0.0	Off
EW-3012	0.5	0.6	759	-4.1	35.4	24.0	On
EW-3013	0.9	1.1	1,357	-6.4	46.3	24.0	On
EW-3014	0.0	0.5	235	-8.1	52.6	13.3	Off
EW-3015	1.1	1.2	1,518	-6.2	61.1	24.0	On
EW-3016	0.5	1.3	812	-0.1	68.1	24.0	On
EW-3017	0.0	0.7	163	-6.9	70.0	8.7	Off
EW-3018	0.0	0.6	88	-9.2	69.6	5.0	Off
EW-3019	0.9	1.1	1,349	-1.6	70.3	24.0	On
EW-3020	3.6	3.6	5,131	-1.8	52.0	24.0	On
EW-3021	0.3	0.4	372	-0.2	36.4	20.1	On
EW-3022	0.5	0.7	803	-2.3	45.2	24.0	On
EW-3023	3.0	3.3	4,416	-6.4	32.8	24.0	On
EW-3024	0.3	0.5	637	1.1	---	24.0	On
EW-3025	2.7	2.9	3,931	-4.5	48.0	24.0	On
EW-3026	3.2	3.4	4,703	-9.0	49.4	24.0	On
EW-3027	0.3	0.5	646	0.3	---	24.0	On
EW-4001	2.1	2.1	2,957	-0.8	40.7	24.0	On
EW-4002	2.0	2.3	2,991	-46.9	16.5	24.0	On
EW-4003	1.8	2.0	2,744	-25.3	---	24.0	On
EW-4004	1.5	1.6	2,188	-10.1	19.1	24.0	On
EW-4005	1.9	2.0	2,758	-14.6	---	24.0	On
EW-4006	1.4	1.5	2,083	-50.9	41.9	24.0	On
EW-4007	1.0	1.1	1,511	-6.4	46.3	24.0	On
EW-4008	1.8	3.5	2,839	-5.4	49.5	24.0	On
EW-4009	1.0	1.0	1,385	-28.6	47.4	24.0	On
EW-4010	2.0	2.1	2,952	2.2	55.8	24.0	On
EW-4011	2.1	2.2	2,993	-22.1	55.3	24.0	On
EW-5001	1.9	2.0	2,772	-21.7	---	24.0	On
EW-5002	0.0	1.9	10	4.6	24.4	0.1	Off
EW Totals	**159.0**		**234,778**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	234.1	171 GPM
FIT-500	202 GPM	228.3	242 GPM
Effluent Temp	94.3 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

August 9, 2016 12AM to August 10, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	7.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 9, 2016 12AM to August 10, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	14.6
Permeate Flow	FIT-642	0 GPM	10.2
Concentrate Flow	FIT-643	0 GPM	4.0

Inlet Conductivity	CIT-630	818.6 µS
Outlet Conductivity	CIT-642	53.5 µS
Hours Run		3.3 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	92.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 10, 2016 12AM to August 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	2,993	1.8	54.2	24.0	On
EW-2002	1.0	1.1	1,498	5.6	53.0	24.0	On
EW-2003	1.6	1.6	2,255	5.1	42.5	24.0	On
EW-2004	0.5	0.5	698	11.3	35.4	24.0	On
EW-2005	0.4	0.5	609	10.7	32.7	24.0	On
EW-2006	0.7	0.8	1,118	10.2	28.7	24.0	On
EW-2007	2.2	2.2	3,113	8.2	24.4	24.0	On
EW-2008	0.6	0.7	885	2.5	27.1	24.0	On
EW-2009	1.2	1.3	1,733	3.5	27.4	24.0	On
EW-2010	0.3	0.4	400	5.7	26.1	21.1	On
EW-2011	0.3	0.5	379	8.8	24.6	19.9	On
EW-2012	0.0	0.3	111	13.2	15.8	7.2	Off
EW-2013	0.4	0.5	425	18.0	15.9	20.4	On
EW-2014	1.1	1.1	1,568	13.0	22.8	24.0	On
EW-2015	0.5	0.5	637	12.4	16.5	23.8	On
EW-2016	0.6	0.6	778	11.2	---	24.0	On
EW-2017	1.5	1.5	2,146	12.3	---	24.0	On
EW-2018	0.6	0.9	913	10.8	---	24.0	On
EW-2019	0.0	0.3	215	10.9	---	12.1	Off
EW-2020	0.3	0.4	333	12.0	---	17.9	On
EW-2021	0.3	0.3	261	13.1	---	14.4	On
EW-2022	0.4	0.4	510	11.5	---	23.9	On
EW-2023	0.4	0.5	501	11.3	---	20.1	On
EW-2024	0.4	0.4	300	10.1	---	15.4	On
EW-2025	1.0	1.0	1,227	10.8	---	24.0	On
EW-2026	0.6	0.8	884	10.2	---	24.0	On
EW-2027	0.8	1.0	1,191	7.8	---	24.0	On
EW-2028	0.8	0.9	1,074	8.8	---	24.0	On
EW-2029	0.8	1.0	1,206	6.8	---	24.0	On
EW-2030	1.6	1.6	2,201	10.3	---	24.0	On
EW-2031	1.7	1.7	2,363	11.0	---	24.0	On
EW-2032	0.5	0.7	699	9.1	---	24.0	On
EW-2033	0.6	1.0	696	10.2	---	21.0	On
EW-2034	1.0	1.0	1,382	8.4	31.0	24.0	On
EW-2035	1.2	1.2	1,654	6.6	34.1	24.0	On
EW-2036	1.0	1.0	1,402	12.7	40.5	24.0	On
EW-2037	0.7	0.8	1,050	3.8	45.1	24.0	On
EW-2101	19.2	19.5	27,697	10.1	71.8	24.0	On
EW-2102	15.4	16.0	22,511	15.8	73.1	24.0	On
EW-2103	13.0	13.2	18,743	17.8	50.9	24.0	On
EW-2104	40.0	40.2	57,625	14.5	66.1	24.0	On
EW-3001	0.0	0.0	0	1.9	15.7	0.0	Off
EW-3002	0.4	0.5	568	1.5	14.7	24.0	On
EW-3003	0.0	0.0	0	4.3	14.4	0.0	Off

Daily Log

August 10, 2016 12AM to August 11, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	646	0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,427	-0.8	---	24.0	On
EW-3008	0.5	0.5	644	-0.5	---	24.0	On
EW-3009	3.1	3.2	4,514	-1.3	---	24.0	On
EW-3010	1.1	1.1	1,488	-2.3	---	24.0	On
EW-3011	0.0	0.0	0	-0.2	29.8	0.0	Off
EW-3012	0.5	0.6	750	-3.8	35.7	24.0	On
EW-3013	0.9	1.2	1,357	-6.3	46.6	24.0	On
EW-3014	0.3	0.5	233	-8.2	52.8	13.2	On
EW-3015	1.1	1.2	1,520	-6.2	61.3	24.0	On
EW-3016	0.5	0.6	757	-0.2	68.2	24.0	On
EW-3017	0.0	0.7	160	-5.2	70.0	8.6	Off
EW-3018	0.0	0.7	87	-8.9	69.6	5.0	Off
EW-3019	0.9	1.1	1,372	-1.4	70.3	24.0	On
EW-3020	3.6	3.6	5,192	-1.8	52.8	24.0	On
EW-3021	0.3	0.4	424	-0.3	36.2	22.1	On
EW-3022	0.5	0.6	783	-2.2	45.2	24.0	On
EW-3023	2.9	3.0	4,223	-6.4	33.0	24.0	On
EW-3024	0.5	0.5	635	1.2	---	24.0	On
EW-3025	2.7	2.7	3,886	-4.4	47.9	24.0	On
EW-3026	3.2	3.3	4,681	-8.9	49.3	24.0	On
EW-3027	0.5	0.5	644	0.4	---	24.0	On
EW-4001	2.1	2.1	3,023	-0.9	40.5	24.0	On
EW-4002	2.1	2.3	2,984	-47.0	16.1	24.0	On
EW-4003	2.0	2.0	2,773	-26.0	---	24.0	On
EW-4004	1.6	1.6	2,218	-10.1	18.7	24.0	On
EW-4005	2.0	2.0	2,774	-14.6	---	24.0	On
EW-4006	1.5	1.5	2,082	-51.0	41.8	24.0	On
EW-4007	1.0	1.1	1,496	-6.3	46.3	24.0	On
EW-4008	1.9	2.0	2,733	-5.4	49.3	24.0	On
EW-4009	1.0	1.0	1,388	-28.8	47.7	24.0	On
EW-4010	2.1	2.1	2,921	2.2	55.6	24.0	On
EW-4011	2.1	2.2	2,977	-23.1	55.3	24.0	On
EW-5001	2.0	2.0	2,802	-21.9	---	24.0	On
EW-5002	0.0	0.0	0	4.7	23.9	0.0	Off
EW Totals	**164.0**		**234,142**				

	Value	Total (KGal)	Peak Flow
FIT-100	164 GPM	233.6	166 GPM
FIT-500	205 GPM	217.7	244 GPM
Effluent Temp	94.3 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

August 10, 2016 12AM to August 11, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	13.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 10, 2016 12AM to August 11, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	19.6
Permeate Flow	FIT-642	0 GPM	13.7
Concentrate Flow	FIT-643	0 GPM	5.3

Inlet Conductivity	CIT-630	939.5 µS
Outlet Conductivity	CIT-642	97.5 µS
Hours Run		2.2 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 11, 2016 12AM to August 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.1	2,978	1.6	54.3	24.0	On
EW-2002	1.0	1.1	1,467	5.5	53.1	24.0	On
EW-2003	1.6	1.7	2,275	5.0	42.7	24.0	On
EW-2004	0.5	0.5	666	11.5	35.4	24.0	On
EW-2005	0.4	0.5	606	11.4	32.7	24.0	On
EW-2006	0.7	0.8	1,059	10.1	28.7	24.0	On
EW-2007	2.2	2.3	3,166	8.0	24.3	24.0	On
EW-2008	0.6	0.7	853	2.4	26.5	24.0	On
EW-2009	1.1	1.3	1,708	3.6	26.8	24.0	On
EW-2010	0.3	0.4	310	6.5	25.6	17.3	On
EW-2011	0.3	0.5	376	9.5	24.1	18.6	On
EW-2012	0.0	0.3	113	12.6	15.9	7.3	Off
EW-2013	0.5	0.5	425	17.7	15.9	19.9	On
EW-2014	1.1	1.2	1,598	12.9	22.7	24.0	On
EW-2015	0.5	0.5	619	12.4	16.5	22.9	On
EW-2016	0.6	0.6	768	11.0	---	24.0	On
EW-2017	1.5	1.5	2,140	12.3	---	24.0	On
EW-2018	0.7	0.9	924	10.8	---	24.0	On
EW-2019	0.3	0.4	212	11.4	---	11.7	On
EW-2020	0.3	0.4	337	11.9	---	17.9	On
EW-2021	0.0	0.3	267	12.4	---	14.6	Off
EW-2022	0.3	0.4	494	13.1	---	23.2	On
EW-2023	0.5	0.5	506	10.6	---	19.9	On
EW-2024	0.3	0.5	298	11.9	---	14.9	On
EW-2025	0.9	1.1	1,233	10.8	---	24.0	On
EW-2026	0.6	0.9	887	10.2	---	24.0	On
EW-2027	0.8	1.1	1,192	7.8	---	24.0	On
EW-2028	0.8	1.1	1,078	8.8	---	24.0	On
EW-2029	0.8	1.1	1,211	6.8	---	24.0	On
EW-2030	1.6	1.7	2,200	10.2	---	24.0	On
EW-2031	1.7	1.8	2,362	10.8	---	24.0	On
EW-2032	0.5	0.8	698	9.1	---	24.0	On
EW-2033	0.6	0.7	667	9.4	---	19.8	On
EW-2034	1.0	2.8	1,325	8.1	31.4	23.9	On
EW-2035	1.2	1.2	1,688	6.7	33.6	24.0	On
EW-2036	0.9	1.5	1,373	13.0	40.2	24.0	On
EW-2037	0.7	0.8	1,041	3.8	45.3	24.0	On
EW-2101	19.0	20.2	27,144	10.1	72.4	24.0	On
EW-2102	15.3	18.0	22,091	15.9	73.5	24.0	On
EW-2103	13.1	13.2	18,742	18.0	51.0	24.0	On
EW-2104	40.1	40.2	57,615	14.9	66.1	24.0	On
EW-3001	0.0	0.0	0	1.9	15.7	0.0	Off
EW-3002	0.5	0.5	583	1.5	14.7	23.7	On
EW-3003	0.0	0.0	0	4.3	14.5	0.0	Off

Daily Log

August 11, 2016 12AM to August 12, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	632	0.1	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.2	1,445	-0.9	---	24.0	On
EW-3008	0.5	0.5	630	-0.6	---	24.0	On
EW-3009	3.3	3.3	4,595	-1.5	---	24.0	On
EW-3010	1.0	1.2	1,458	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	30.2	0.0	Off
EW-3012	0.6	0.8	741	-3.7	36.1	24.0	On
EW-3013	1.0	1.7	1,362	-6.2	47.0	24.0	On
EW-3014	0.0	0.4	233	-8.4	53.2	13.2	Off
EW-3015	1.1	2.1	1,534	-6.1	61.7	24.0	On
EW-3016	0.5	1.1	728	0.8	68.7	24.0	On
EW-3017	0.0	0.7	165	-7.5	70.3	8.9	Off
EW-3018	0.5	0.6	88	-9.3	70.3	5.1	On
EW-3019	1.0	2.7	1,375	-1.4	71.1	24.0	On
EW-3020	3.6	3.7	5,216	-1.9	52.9	24.0	On
EW-3021	0.3	0.4	466	-0.3	36.2	23.5	On
EW-3022	0.5	0.6	782	-2.4	45.1	24.0	On
EW-3023	2.8	6.2	4,103	-6.4	33.2	24.0	On
EW-3024	0.5	0.5	626	1.0	---	24.0	On
EW-3025	2.7	2.7	3,871	-4.4	47.9	24.0	On
EW-3026	3.2	3.3	4,676	-9.0	49.2	24.0	On
EW-3027	0.5	0.5	629	0.3	---	24.0	On
EW-4001	2.0	2.4	2,970	-0.7	40.3	24.0	On
EW-4002	2.1	2.3	2,984	-47.2	16.1	24.0	On
EW-4003	2.0	2.0	2,804	-26.1	---	24.0	On
EW-4004	1.6	1.8	2,249	-10.3	18.6	24.0	On
EW-4005	1.9	2.0	2,764	-14.8	---	24.0	On
EW-4006	1.4	1.5	2,067	-51.0	41.7	24.0	On
EW-4007	1.0	1.1	1,478	-6.5	46.3	24.0	On
EW-4008	1.9	2.0	2,747	-5.7	49.5	24.0	On
EW-4009	1.0	1.4	1,394	-28.8	48.1	24.0	On
EW-4010	2.1	2.1	2,988	2.1	55.7	24.0	On
EW-4011	2.1	2.2	2,991	-24.2	55.4	24.0	On
EW-5001	2.0	2.1	2,822	-21.9	---	24.0	On
EW-5002	0.0	0.0	0	4.6	23.9	0.0	Off
EW Totals	**163.5**		**232,908**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	232.3	167 GPM
FIT-500	205 GPM	218.2	241 GPM
Effluent Temp	94.7 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

August 11, 2016 12AM to August 12, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	16.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 11, 2016 12AM to August 12, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	26.2
Permeate Flow	FIT-642	0 GPM	18.5
Concentrate Flow	FIT-643	0 GPM	7.0

Inlet Conductivity	CIT-630	881.7 µS
Outlet Conductivity	CIT-642	101.6 µS
Hours Run		3.3 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	95.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 12, 2016 12AM to August 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.5	2,952	1.4	54.9	23.9	On
EW-2002	1.0	4.9	1,436	5.4	53.7	23.9	On
EW-2003	1.6	4.7	2,269	4.8	43.1	23.9	On
EW-2004	0.6	0.6	704	10.4	36.0	23.9	On
EW-2005	0.4	0.5	591	11.6	33.3	23.9	On
EW-2006	0.8	0.9	1,114	9.0	29.2	23.9	On
EW-2007	2.2	4.9	3,136	8.2	24.6	23.9	On
EW-2008	0.6	2.5	844	2.5	27.3	23.8	On
EW-2009	1.2	5.2	1,689	3.4	27.6	23.8	On
EW-2010	0.3	0.6	290	5.7	26.3	16.2	On
EW-2011	0.4	0.6	375	9.1	24.8	18.6	On
EW-2012	0.3	0.4	113	13.0	16.4	7.3	On
EW-2013	0.3	0.6	424	17.6	16.5	19.9	On
EW-2014	1.1	4.3	1,619	12.9	23.4	23.9	On
EW-2015	0.5	0.7	611	12.1	16.9	21.9	On
EW-2016	0.6	0.6	779	10.9	---	23.9	On
EW-2017	1.5	4.6	2,148	12.2	---	23.9	On
EW-2018	0.7	5.3	933	10.8	---	23.9	On
EW-2019	0.0	0.4	217	11.0	---	11.9	Off
EW-2020	0.4	0.4	340	10.3	---	17.9	On
EW-2021	0.0	0.3	268	11.3	---	14.6	Off
EW-2022	0.4	0.5	488	11.5	---	22.6	On
EW-2023	0.4	0.6	500	12.7	---	19.6	On
EW-2024	0.0	0.5	306	9.9	---	14.9	Off
EW-2025	0.9	5.7	1,241	10.8	---	23.8	On
EW-2026	0.6	4.9	895	10.2	---	23.9	On
EW-2027	0.8	6.4	1,195	7.8	---	23.9	On
EW-2028	0.8	5.7	1,083	8.8	---	23.9	On
EW-2029	0.8	6.7	1,216	6.8	---	23.9	On
EW-2030	1.6	7.2	2,208	10.3	---	23.9	On
EW-2031	1.7	7.5	2,354	10.9	---	23.9	On
EW-2032	0.5	4.0	701	9.1	---	23.9	On
EW-2033	0.5	0.7	680	12.0	---	20.0	On
EW-2034	1.0	3.0	1,402	8.3	31.7	23.9	On
EW-2035	1.1	1.8	1,662	6.6	24.0	23.9	On
EW-2036	0.9	1.8	1,349	12.9	41.6	23.9	On
EW-2037	0.7	5.5	1,037	3.8	46.7	23.8	On
EW-2101	19.2	21.6	22,295	10.3	71.9	23.9	On
EW-2102	15.2	18.1	18,108	16.2	72.9	23.9	On
EW-2103	13.1	17.1	14,063	18.3	53.0	18.9	On
EW-2104	41.6	43.8	45,333	15.3	69.6	23.9	On
EW-3001	0.0	0.0	0	1.9	16.2	0.0	Off
EW-3002	0.4	0.6	603	1.5	15.1	23.6	On
EW-3003	0.0	0.0	0	4.3	14.8	0.0	Off

Daily Log

August 12, 2016 12AM to August 13, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	4	1.3	---	0.2	Off
EW-3005	0.5	0.6	644	0.1	---	23.8	On
EW-3006	0.0	0.5	1	1.4	---	0.0	Off
EW-3007	1.0	5.8	1,424	-0.9	---	23.8	On
EW-3008	0.5	0.6	643	-0.6	---	23.8	On
EW-3009	3.3	6.8	4,711	-1.5	---	23.8	On
EW-3010	1.0	5.9	1,430	-2.4	---	23.8	On
EW-3011	0.0	0.7	5	-0.1	30.5	0.2	Off
EW-3012	0.6	0.8	754	-3.6	36.3	23.8	On
EW-3013	1.0	4.3	1,368	-6.3	47.1	23.8	On
EW-3014	0.0	0.5	232	-8.3	53.2	13.0	Off
EW-3015	1.1	5.4	1,527	-6.3	61.5	23.8	On
EW-3016	0.6	1.1	839	-1.3	68.1	23.8	On
EW-3017	0.0	0.9	160	-5.2	70.0	8.5	Off
EW-3018	0.0	0.6	87	-8.9	69.7	5.0	Off
EW-3019	1.0	3.1	1,370	-1.6	70.4	23.8	On
EW-3020	3.7	5.9	5,205	-2.2	53.4	23.8	On
EW-3021	0.3	0.7	464	-0.2	37.2	23.1	On
EW-3022	0.5	4.1	781	-2.3	46.1	23.8	On
EW-3023	2.8	6.0	3,989	-6.3	33.7	23.8	On
EW-3024	0.5	0.5	635	1.0	---	23.8	On
EW-3025	2.7	5.2	3,865	-4.4	48.9	23.8	On
EW-3026	3.3	4.5	4,668	-9.0	50.2	23.8	On
EW-3027	0.5	0.5	641	0.3	---	23.8	On
EW-4001	2.0	2.6	2,844	-0.5	41.7	23.6	On
EW-4002	2.1	6.6	2,968	-47.1	16.7	23.6	On
EW-4003	2.0	4.1	2,790	-25.8	---	23.6	On
EW-4004	1.6	1.8	2,249	-9.7	18.7	23.6	On
EW-4005	1.9	2.2	2,784	-14.2	---	23.6	On
EW-4006	1.4	5.1	2,037	-50.9	42.7	23.6	On
EW-4007	1.0	1.2	1,420	-6.1	47.2	23.6	On
EW-4008	2.0	2.8	2,791	-5.6	51.5	23.6	On
EW-4009	1.0	1.4	1,398	-27.5	48.3	23.6	On
EW-4010	2.1	2.5	3,031	2.3	57.1	23.6	On
EW-4011	2.1	2.5	3,066	-22.1	56.8	23.6	On
EW-5001	2.0	2.2	2,810	-21.4	---	23.6	On
EW-5002	0.0	0.0	0	4.7	24.1	0.0	Off
EW Totals	**164.8**		**207,206**				

	Value	Total (KGal)	Peak Flow
FIT-100	165 GPM	207.0	178 GPM
FIT-500	205 GPM	186.9	243 GPM
Effluent Temp	94.1 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

August 12, 2016 12AM to August 13, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	18.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 12, 2016 12AM to August 13, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	95 GPM	28.8
Permeate Flow	FIT-642	69 GPM	20.5
Concentrate Flow	FIT-643	25 GPM	7.6

Inlet Conductivity	CIT-630	886.9 µS
Outlet Conductivity	CIT-642	22.0 µS
Hours Run		4.7 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 13, 2016 12AM to August 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,956	1.7	54.4	24.0	On
EW-2002	1.0	1.0	1,414	5.6	53.3	24.0	On
EW-2003	1.5	1.6	2,207	5.0	42.9	24.0	On
EW-2004	0.5	0.6	784	10.6	35.8	24.0	On
EW-2005	0.5	0.5	634	11.5	33.1	24.0	On
EW-2006	0.8	0.9	1,200	9.2	28.9	24.0	On
EW-2007	2.2	2.2	3,122	8.1	24.4	24.0	On
EW-2008	0.6	0.7	853	2.5	26.8	24.0	On
EW-2009	1.2	1.3	1,691	3.4	27.0	24.0	On
EW-2010	0.0	0.4	290	6.0	25.7	16.3	Off
EW-2011	0.4	0.5	374	8.6	24.2	18.1	On
EW-2012	0.0	0.3	113	12.7	15.9	7.3	Off
EW-2013	0.5	0.6	424	17.7	16.0	19.7	On
EW-2014	1.2	1.7	1,632	12.9	23.2	24.0	On
EW-2015	0.0	0.7	617	13.0	16.6	22.1	Off
EW-2016	0.6	0.6	780	10.9	---	24.0	On
EW-2017	1.5	1.6	2,167	12.2	---	24.0	On
EW-2018	0.6	1.0	939	10.8	---	24.0	On
EW-2019	0.0	0.4	215	12.4	---	11.7	Off
EW-2020	0.4	0.4	341	11.0	---	17.8	On
EW-2021	0.0	0.3	266	12.0	---	14.5	Off
EW-2022	0.4	0.4	499	12.7	---	23.0	On
EW-2023	0.5	0.5	505	11.1	---	19.8	On
EW-2024	0.0	0.5	306	10.4	---	14.8	Off
EW-2025	0.9	1.1	1,246	10.8	---	24.0	On
EW-2026	0.6	0.9	898	10.2	---	24.0	On
EW-2027	0.8	1.1	1,197	7.8	---	24.0	On
EW-2028	0.8	1.0	1,085	8.8	---	24.0	On
EW-2029	0.9	1.1	1,222	6.8	---	24.0	On
EW-2030	1.6	1.7	2,227	10.3	---	24.0	On
EW-2031	1.7	1.7	2,358	10.9	---	24.0	On
EW-2032	0.5	0.8	706	9.1	---	24.0	On
EW-2033	0.6	0.7	689	9.7	---	20.1	On
EW-2034	1.0	1.1	1,402	8.4	31.8	24.0	On
EW-2035	1.1	1.2	1,642	6.7	23.9	24.0	On
EW-2036	0.9	1.1	1,343	13.0	41.2	24.0	On
EW-2037	0.8	1.9	1,040	3.8	46.7	24.0	On
EW-2101	19.0	19.3	27,472	10.3	71.9	24.0	On
EW-2102	14.7	15.2	21,408	16.4	73.0	24.0	On
EW-2103	13.1	15.3	18,781	18.3	52.9	24.0	On
EW-2104	41.5	41.9	55,087	15.4	69.3	24.0	On
EW-3001	0.0	0.0	0	1.9	15.8	0.0	Off
EW-3002	0.5	0.6	620	1.5	14.8	24.0	On
EW-3003	0.0	0.0	0	4.3	14.5	0.0	Off

Daily Log

August 13, 2016 12AM to August 14, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.3	---	0.0	Off
EW-3005	0.5	0.6	647	0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,429	-0.9	---	24.0	On
EW-3008	0.5	0.6	645	-0.6	---	24.0	On
EW-3009	3.3	3.3	4,716	-1.5	---	24.0	On
EW-3010	1.0	1.2	1,437	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.0	30.7	0.0	Off
EW-3012	0.6	0.6	753	-3.6	36.5	24.0	On
EW-3013	1.0	1.1	1,374	-6.2	47.3	24.0	On
EW-3014	0.0	0.5	234	-9.0	53.3	13.2	Off
EW-3015	1.1	1.2	1,526	-6.0	61.7	24.0	On
EW-3016	0.6	0.7	862	-1.4	68.3	24.0	On
EW-3017	0.0	0.7	165	-7.0	70.1	8.8	Off
EW-3018	0.4	0.6	88	-9.1	69.9	5.0	On
EW-3019	0.9	1.1	1,360	-1.5	70.6	24.0	On
EW-3020	3.7	3.7	5,259	-2.1	53.1	24.0	On
EW-3021	0.4	0.7	477	-0.3	36.9	23.7	On
EW-3022	0.6	1.1	763	-2.5	45.6	24.0	On
EW-3023	2.7	2.8	3,965	-6.2	34.0	24.0	On
EW-3024	0.5	0.5	639	1.1	---	24.0	On
EW-3025	2.7	2.9	3,879	-4.4	48.4	24.0	On
EW-3026	3.3	3.4	4,706	-9.1	49.8	24.0	On
EW-3027	0.5	0.5	644	0.3	---	24.0	On
EW-4001	1.9	2.6	2,844	-0.1	41.3	24.0	On
EW-4002	2.1	2.3	2,986	-47.1	16.2	24.0	On
EW-4003	2.0	2.1	2,815	-26.2	---	24.0	On
EW-4004	1.6	1.7	2,241	-9.9	18.6	24.0	On
EW-4005	2.0	2.0	2,771	-14.6	---	24.0	On
EW-4006	1.4	2.0	2,035	-51.0	42.3	24.0	On
EW-4007	1.0	1.2	1,444	-5.7	46.8	24.0	On
EW-4008	1.9	4.1	2,845	-5.4	51.4	24.0	On
EW-4009	1.0	1.0	1,405	-29.2	48.4	24.0	On
EW-4010	2.0	2.2	2,985	2.4	57.0	24.0	On
EW-4011	2.1	2.5	3,097	-24.2	56.7	24.0	On
EW-5001	2.0	2.0	2,808	-21.7	---	24.0	On
EW-5002	0.0	0.0	0	4.7	24.0	0.0	Off
EW Totals	**163.5**		**230,593**				

	Value	Total (KGal)	Peak Flow
FIT-100	163 GPM	230.2	168 GPM
FIT-500	203 GPM	222.2	241 GPM
Effluent Temp	94.5 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

August 13, 2016 12AM to August 14, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	16.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 13, 2016 12AM to August 14, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	25.3
Permeate Flow	FIT-642	0 GPM	17.9
Concentrate Flow	FIT-643	0 GPM	6.8

Inlet Conductivity	CIT-630	866.3 µS
Outlet Conductivity	CIT-642	131.1 µS
Hours Run		4.5 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	94.8 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 14, 2016 12AM to August 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.3	2,939	1.4	54.9	23.9	On
EW-2002	1.0	4.8	1,395	5.3	53.6	23.9	On
EW-2003	1.5	4.1	2,183	4.9	43.2	23.9	On
EW-2004	0.6	0.6	756	9.9	36.2	23.9	On
EW-2005	0.4	0.7	638	11.1	33.4	23.9	On
EW-2006	0.8	1.0	1,165	9.0	29.5	23.9	On
EW-2007	2.1	4.6	3,120	8.1	24.9	23.9	On
EW-2008	0.6	2.3	851	2.6	27.3	23.9	On
EW-2009	1.1	5.1	1,700	3.6	27.6	23.9	On
EW-2010	0.3	0.6	300	6.0	26.3	16.9	On
EW-2011	0.3	0.6	374	9.0	24.8	18.8	On
EW-2012	0.0	0.3	111	13.3	16.5	7.2	Off
EW-2013	0.3	0.5	420	18.6	16.6	19.7	On
EW-2014	1.1	4.1	1,638	12.8	24.1	23.9	On
EW-2015	0.5	0.8	617	12.0	17.7	22.3	On
EW-2016	0.4	0.7	796	10.9	---	23.9	On
EW-2017	1.5	4.6	2,183	12.2	---	23.9	On
EW-2018	0.3	3.2	944	10.9	---	23.9	On
EW-2019	0.0	0.4	217	13.3	---	12.0	On
EW-2020	0.3	0.4	343	12.0	---	17.9	On
EW-2021	0.3	0.4	267	12.6	---	14.6	On
EW-2022	0.3	0.5	495	11.6	---	22.6	On
EW-2023	0.4	0.5	506	11.3	---	19.9	On
EW-2024	0.3	0.6	307	9.9	---	14.9	On
EW-2025	0.6	3.7	1,252	10.9	---	23.9	On
EW-2026	0.3	3.0	901	10.3	---	23.9	On
EW-2027	0.5	4.0	1,201	7.9	---	23.9	On
EW-2028	0.4	3.7	1,089	8.9	---	23.9	On
EW-2029	0.6	4.2	1,226	6.9	---	23.9	On
EW-2030	1.5	6.9	2,239	10.2	---	23.9	On
EW-2031	1.5	7.3	2,368	10.9	---	23.9	On
EW-2032	0.2	2.2	708	9.2	---	23.9	On
EW-2033	0.5	0.8	688	10.9	---	20.4	On
EW-2034	1.0	3.6	1,413	8.2	32.4	23.9	On
EW-2035	1.2	1.9	1,655	6.5	24.6	23.9	On
EW-2036	0.9	1.9	1,348	12.9	41.9	23.9	On
EW-2037	0.7	4.6	1,043	3.7	47.1	23.9	On
EW-2101	19.0	21.1	27,227	10.3	72.1	23.9	On
EW-2102	14.5	15.7	20,934	16.6	73.0	23.9	On
EW-2103	12.9	16.6	18,745	18.3	53.6	23.9	On
EW-2104	41.3	43.2	59,546	15.3	70.0	23.9	On
EW-3001	0.0	0.0	0	2.0	16.4	0.0	Off
EW-3002	0.3	0.8	631	1.5	15.5	23.9	On
EW-3003	0.0	0.0	0	4.3	15.3	0.0	Off

Daily Log

August 14, 2016 12AM to August 15, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	2	1.4	---	0.1	Off
EW-3005	0.3	0.6	664	0.2	---	23.9	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	4.5	1,419	-0.9	---	23.9	On
EW-3008	0.3	0.5	664	-0.6	---	23.9	On
EW-3009	3.2	6.7	4,737	-1.5	---	23.9	On
EW-3010	0.8	5.4	1,422	-2.3	---	23.9	On
EW-3011	0.0	0.7	3	0.1	31.2	0.1	Off
EW-3012	0.5	0.7	766	-3.7	36.8	23.9	On
EW-3013	0.9	4.3	1,375	-6.3	47.4	23.9	On
EW-3014	0.0	0.5	232	-8.2	53.4	13.1	Off
EW-3015	1.1	3.6	1,536	-6.1	61.8	23.9	On
EW-3016	0.6	2.1	855	-1.1	68.5	23.9	On
EW-3017	0.0	0.7	161	-5.0	70.1	8.6	Off
EW-3018	0.0	0.6	88	-9.3	69.9	5.0	Off
EW-3019	0.9	2.9	1,359	-1.6	70.6	23.9	On
EW-3020	3.6	5.5	5,234	-2.2	53.4	23.9	On
EW-3021	0.3	0.6	486	-0.2	37.6	23.6	On
EW-3022	0.5	3.8	762	-2.5	46.5	23.9	On
EW-3023	2.7	5.6	3,910	-6.3	34.6	23.9	On
EW-3024	0.3	0.5	653	1.1	---	23.9	On
EW-3025	2.7	5.3	3,871	-4.6	49.3	23.9	On
EW-3026	3.3	4.5	4,707	-9.2	50.6	23.9	On
EW-3027	0.3	0.5	661	0.4	---	23.9	On
EW-4001	1.9	2.0	2,665	-0.1	41.9	23.8	On
EW-4002	1.9	6.3	2,979	-47.1	16.8	23.8	On
EW-4003	1.8	2.3	2,792	-26.0	---	23.8	On
EW-4004	1.4	1.6	2,229	-9.9	19.3	23.8	On
EW-4005	1.8	2.0	2,754	-14.4	---	23.8	On
EW-4006	1.4	4.5	2,032	-51.0	43.1	23.8	On
EW-4007	1.0	1.1	1,385	-6.1	47.5	23.8	On
EW-4008	1.9	4.5	2,759	-5.2	52.0	23.8	On
EW-4009	1.0	1.1	1,396	-28.4	48.4	23.8	On
EW-4010	2.1	2.1	2,886	2.5	57.5	23.8	On
EW-4011	2.1	2.3	3,041	-22.9	57.1	23.8	On
EW-5001	1.8	2.0	2,790	-21.4	---	23.8	On
EW-5002	0.0	0.0	0	4.8	24.7	0.0	Off
EW Totals	**157.4**		**233,755**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	233.1	171 GPM
FIT-500	0 GPM	216.8	239 GPM
Effluent Temp	94.3 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

August 14, 2016 12AM to August 15, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	17.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 14, 2016 12AM to August 15, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	28.3
Permeate Flow	FIT-642	0 GPM	20.1
Concentrate Flow	FIT-643	0 GPM	7.5

Inlet Conductivity	CIT-630	817.1 µS
Outlet Conductivity	CIT-642	102.7 µS
Hours Run		4.5 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 15, 2016 12AM to August 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.4	2,955	1.7	54.3	23.9	On
EW-2002	1.0	2.1	1,390	5.5	53.0	24.0	On
EW-2003	1.5	2.0	2,167	5.0	42.7	24.0	On
EW-2004	0.5	0.6	744	11.0	35.3	24.0	On
EW-2005	0.4	0.5	600	12.2	32.6	24.0	On
EW-2006	0.7	0.9	1,108	10.0	28.6	24.0	On
EW-2007	2.2	2.3	3,115	8.1	24.2	24.0	On
EW-2008	0.6	0.7	852	2.5	26.7	24.0	On
EW-2009	1.2	1.4	1,700	3.6	27.0	24.0	On
EW-2010	0.3	0.5	293	5.6	25.7	16.6	On
EW-2011	0.3	0.5	374	9.3	24.2	18.6	On
EW-2012	0.0	0.3	113	12.6	15.9	7.3	Off
EW-2013	0.4	0.5	418	17.7	16.0	19.7	On
EW-2014	1.1	1.2	1,637	12.9	23.4	24.0	On
EW-2015	0.5	0.5	627	11.5	16.8	22.5	On
EW-2016	0.6	0.6	800	10.8	---	24.0	On
EW-2017	1.5	1.5	2,182	12.2	---	24.0	On
EW-2018	0.7	1.0	949	10.8	---	24.0	On
EW-2019	0.3	0.4	216	12.8	---	12.0	On
EW-2020	0.0	0.4	348	10.2	---	18.1	Off
EW-2021	0.0	0.3	269	12.8	---	14.8	Off
EW-2022	0.4	0.4	500	11.1	---	22.7	On
EW-2023	0.4	0.5	508	13.0	---	20.0	On
EW-2024	0.0	0.5	306	11.2	---	15.0	Off
EW-2025	0.9	1.1	1,257	10.8	---	24.0	On
EW-2026	0.6	0.9	904	10.2	---	24.0	On
EW-2027	0.8	1.1	1,203	7.8	---	24.0	On
EW-2028	0.8	1.0	1,092	8.8	---	24.0	On
EW-2029	0.9	1.1	1,229	6.9	---	24.0	On
EW-2030	1.6	1.7	2,243	10.2	---	24.0	On
EW-2031	1.7	1.7	2,367	10.8	---	24.0	On
EW-2032	0.5	0.7	714	9.1	---	24.0	On
EW-2033	0.5	0.7	665	11.2	---	22.5	On
EW-2034	1.0	1.6	1,416	8.1	32.3	24.0	On
EW-2035	1.2	1.2	1,678	6.4	24.2	24.0	On
EW-2036	0.9	1.0	1,346	13.0	41.6	24.0	On
EW-2037	0.7	0.9	1,040	3.8	47.0	24.0	On
EW-2101	18.8	24.8	27,169	10.4	72.6	24.0	On
EW-2102	14.8	15.7	20,896	16.8	73.6	23.9	On
EW-2103	13.1	13.5	18,792	18.3	53.5	24.0	On
EW-2104	41.3	41.6	59,589	15.2	69.7	24.0	On
EW-3001	0.0	0.0	0	2.1	15.8	0.0	Off
EW-3002	0.5	0.5	632	1.6	14.8	24.0	On
EW-3003	0.0	0.0	0	4.3	14.6	0.0	Off

Daily Log

August 15, 2016 12AM to August 16, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.4	---	0.0	Off
EW-3005	0.5	0.5	666	0.2	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,411	-0.9	---	24.0	On
EW-3008	0.5	0.5	665	-0.6	---	24.0	On
EW-3009	3.3	3.4	4,724	-1.5	---	24.0	On
EW-3010	1.0	1.1	1,408	-2.4	---	24.0	On
EW-3011	0.0	0.7	6	0.1	31.1	0.3	Off
EW-3012	0.6	0.7	765	-3.8	36.9	24.0	On
EW-3013	1.0	2.1	1,380	-6.3	47.7	24.0	On
EW-3014	0.0	0.7	235	-9.0	53.7	13.2	Off
EW-3015	1.1	2.4	1,546	-6.2	62.2	24.0	On
EW-3016	0.6	1.0	835	-1.0	68.9	24.0	On
EW-3017	0.0	0.8	167	-6.6	70.4	8.9	Off
EW-3018	0.0	0.6	88	-9.0	70.3	5.0	Off
EW-3019	1.0	2.3	1,357	-1.7	71.1	24.0	On
EW-3020	3.6	4.1	5,241	-2.1	52.8	24.0	On
EW-3021	0.4	0.4	486	-0.3	37.2	23.7	On
EW-3022	0.5	0.6	745	-2.4	46.2	24.0	On
EW-3023	2.8	5.9	3,942	-6.3	34.7	23.8	On
EW-3024	0.5	0.5	656	1.0	---	24.0	On
EW-3025	2.7	2.8	3,901	-4.5	49.0	24.0	On
EW-3026	3.3	3.3	4,702	-9.1	50.3	24.0	On
EW-3027	0.5	0.5	664	0.4	---	24.0	On
EW-4001	1.9	1.9	2,690	-0.1	41.6	24.0	On
EW-4002	2.1	2.3	2,976	-47.2	16.2	24.0	On
EW-4003	2.0	2.0	2,810	-26.4	---	24.0	On
EW-4004	1.6	1.8	2,243	-10.1	18.7	24.0	On
EW-4005	1.9	2.0	2,774	-14.7	---	24.0	On
EW-4006	1.4	1.5	2,038	-51.0	42.8	24.0	On
EW-4007	1.0	1.1	1,501	-6.2	47.3	24.0	On
EW-4008	1.9	4.5	2,753	-5.3	51.7	24.0	On
EW-4009	1.0	1.3	1,416	-29.9	48.7	24.0	On
EW-4010	2.1	2.1	2,963	2.5	57.4	24.0	On
EW-4011	2.1	2.3	3,044	-24.4	57.1	24.0	On
EW-5001	2.0	2.1	2,811	-21.6	---	24.0	On
EW-5002	0.0	0.0	0	4.9	24.3	0.0	Off
EW Totals	**162.8**		**234,010**				

	Value	Total (KGal)	Peak Flow
FIT-100	162 GPM	233.4	167 GPM
FIT-500	201 GPM	211.1	244 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

August 15, 2016 12AM to August 16, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	17.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 15, 2016 12AM to August 16, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	27.2
Permeate Flow	FIT-642	0 GPM	19.4
Concentrate Flow	FIT-643	0 GPM	7.2

Inlet Conductivity	CIT-630	1,004.6 µS
Outlet Conductivity	CIT-642	132.3 µS
Hours Run		4.3 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	95.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 16, 2016 12AM to August 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,947	1.6	54.3	24.0	On
EW-2002	1.0	1.1	1,369	5.5	53.0	24.0	On
EW-2003	1.5	1.6	2,151	5.0	42.6	24.0	On
EW-2004	0.4	0.6	655	11.3	35.1	24.0	On
EW-2005	0.4	0.5	576	12.1	32.3	24.0	On
EW-2006	0.7	0.8	1,055	9.8	28.4	24.0	On
EW-2007	2.2	2.3	3,093	8.0	23.8	24.0	On
EW-2008	0.6	0.7	851	2.4	26.2	24.0	On
EW-2009	1.1	1.4	1,702	3.5	26.5	24.0	On
EW-2010	0.3	0.4	295	6.3	25.3	16.6	On
EW-2011	0.3	0.5	376	8.2	23.7	18.6	On
EW-2012	0.0	0.3	111	12.9	15.5	7.2	Off
EW-2013	0.0	0.5	415	18.0	15.5	19.3	Off
EW-2014	1.2	1.2	1,637	12.8	23.4	24.0	On
EW-2015	0.5	0.5	630	12.5	16.8	22.3	On
EW-2016	0.6	0.6	778	11.1	---	24.0	On
EW-2017	1.6	1.6	2,188	12.0	---	24.0	On
EW-2018	0.7	1.0	950	10.8	---	24.0	On
EW-2019	0.0	0.4	217	11.1	---	11.9	Off
EW-2020	0.3	0.4	345	12.1	---	17.9	On
EW-2021	0.0	0.3	270	12.0	---	14.7	Off
EW-2022	0.4	0.4	516	11.0	---	23.4	On
EW-2023	0.4	0.5	512	11.5	---	19.9	On
EW-2024	0.4	0.5	310	9.9	---	14.9	On
EW-2025	0.9	1.1	1,255	10.8	---	24.0	On
EW-2026	0.6	0.9	902	10.2	---	24.0	On
EW-2027	0.8	1.1	1,201	7.8	---	24.0	On
EW-2028	0.8	1.0	1,091	8.8	---	24.0	On
EW-2029	0.9	1.1	1,231	6.8	---	24.0	On
EW-2030	1.6	1.7	2,245	10.1	---	24.0	On
EW-2031	1.7	1.9	2,372	10.8	---	24.0	On
EW-2032	0.5	0.8	715	9.1	---	24.0	On
EW-2033	0.5	0.6	632	11.4	---	24.0	On
EW-2034	1.0	1.9	1,421	8.1	30.8	24.0	On
EW-2035	1.2	1.4	1,679	6.6	23.6	24.0	On
EW-2036	0.9	0.9	1,338	12.8	41.6	24.0	On
EW-2037	0.7	0.8	1,038	3.7	47.1	24.0	On
EW-2101	16.0	19.0	24,881	11.4	66.4	24.0	On
EW-2102	14.8	16.6	21,068	16.9	68.3	24.0	On
EW-2103	13.1	13.2	18,782	18.3	53.4	24.0	On
EW-2104	41.3	41.6	59,465	15.1	69.7	24.0	On
EW-3001	0.0	0.0	0	2.2	15.4	0.0	Off
EW-3002	0.5	0.5	620	1.6	14.5	24.0	On
EW-3003	0.0	0.0	0	4.3	14.4	0.0	Off

Daily Log

August 16, 2016 12AM to August 17, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	2	1.5	---	0.2	Off
EW-3005	0.5	0.6	643	0.3	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,428	-1.0	---	24.0	On
EW-3008	0.5	0.5	641	-0.6	---	24.0	On
EW-3009	3.3	3.3	4,705	-1.5	---	24.0	On
EW-3010	1.0	1.3	1,403	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.2	29.5	0.0	Off
EW-3012	0.6	0.8	757	-3.6	34.7	24.0	On
EW-3013	1.0	2.5	1,378	-6.2	44.6	24.0	On
EW-3014	0.0	0.5	233	-8.5	50.0	13.1	Off
EW-3015	1.1	4.3	1,543	-6.1	57.5	23.9	On
EW-3016	0.6	1.1	848	-1.8	63.6	24.0	On
EW-3017	0.3	0.9	166	-7.5	64.9	8.9	On
EW-3018	0.0	0.7	89	-9.5	64.7	5.0	Off
EW-3019	1.0	2.5	1,357	-1.7	65.5	24.0	On
EW-3020	3.6	3.7	5,239	-2.1	52.8	24.0	On
EW-3021	0.4	0.4	504	-0.2	37.3	24.0	On
EW-3022	0.5	0.5	729	-2.5	46.2	24.0	On
EW-3023	2.7	3.8	3,946	-6.4	33.0	24.0	On
EW-3024	0.5	0.5	636	1.1	---	24.0	On
EW-3025	2.7	2.7	3,891	-4.4	48.9	24.0	On
EW-3026	3.2	3.3	4,679	-9.1	50.2	24.0	On
EW-3027	0.5	0.5	639	0.4	---	24.0	On
EW-4001	1.8	1.9	2,643	0.0	41.7	24.0	On
EW-4002	2.1	2.3	2,976	-47.1	15.8	24.0	On
EW-4003	2.0	2.0	2,804	-26.5	---	24.0	On
EW-4004	1.6	1.8	2,227	-10.1	18.2	24.0	On
EW-4005	2.0	2.1	2,776	-15.0	---	24.0	On
EW-4006	1.4	1.4	2,025	-51.1	42.8	24.0	On
EW-4007	1.0	1.1	1,490	-6.1	47.3	24.0	On
EW-4008	2.0	2.1	2,783	-5.4	51.9	24.0	On
EW-4009	1.0	1.4	1,437	-31.0	45.8	24.0	On
EW-4010	2.1	2.1	2,986	2.5	57.6	24.0	On
EW-4011	2.1	2.2	3,038	-24.5	57.4	24.0	On
EW-5001	2.0	2.1	2,811	-21.8	---	24.0	On
EW-5002	0.0	2.6	226	4.6	23.7	2.0	Off
EW Totals	**160.5**		**231,566**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	231.0	168 GPM
FIT-500	204 GPM	218.4	243 GPM
Effluent Temp	94.7 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

August 16, 2016 12AM to August 17, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	19.5
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 16, 2016 12AM to August 17, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	30.0
Permeate Flow	FIT-642	0 GPM	21.4
Concentrate Flow	FIT-643	0 GPM	7.9

Inlet Conductivity	CIT-630	810.5 µS
Outlet Conductivity	CIT-642	64.5 µS
Hours Run		4.9 hrs
Recharge Tank pH	AIT-660A	5.7
Recharge Tank Temp	TIT-660C	95.0 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 17, 2016 12AM to August 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,936	1.8	55.0	24.0	On
EW-2002	0.9	1.0	1,364	5.6	53.8	24.0	On
EW-2003	1.5	1.5	2,140	5.1	43.8	24.0	On
EW-2004	0.4	0.5	620	11.5	36.3	24.0	On
EW-2005	0.4	0.5	583	12.0	33.8	24.0	On
EW-2006	0.7	0.8	1,043	10.0	29.6	24.0	On
EW-2007	2.2	2.2	3,124	8.2	25.2	24.0	On
EW-2008	0.6	0.7	846	2.6	27.8	24.0	On
EW-2009	1.2	1.3	1,690	3.6	28.1	24.0	On
EW-2010	0.3	1.0	287	6.5	26.9	16.2	On
EW-2011	0.3	0.5	373	9.3	25.3	18.2	On
EW-2012	0.0	0.3	112	13.4	16.9	7.3	Off
EW-2013	0.3	0.5	416	17.4	17.0	19.6	On
EW-2014	1.1	1.2	1,642	13.0	24.4	24.0	On
EW-2015	0.5	0.5	629	11.8	18.0	22.5	On
EW-2016	0.4	0.6	792	11.2	---	24.0	On
EW-2017	1.5	1.6	2,197	12.2	---	24.0	On
EW-2018	0.6	1.0	952	11.2	---	24.0	On
EW-2019	0.3	0.4	216	11.0	---	12.0	On
EW-2020	0.0	0.4	350	10.4	---	18.2	Off
EW-2021	0.3	0.3	269	12.6	---	14.7	On
EW-2022	0.3	0.4	499	13.1	---	22.8	On
EW-2023	0.4	0.5	513	12.0	---	20.1	On
EW-2024	0.3	0.5	308	11.3	---	15.1	On
EW-2025	0.9	1.1	1,261	11.2	---	24.0	On
EW-2026	0.6	0.9	908	10.6	---	24.0	On
EW-2027	0.8	1.1	1,205	8.2	---	24.0	On
EW-2028	0.7	1.0	1,097	9.2	---	24.0	On
EW-2029	0.8	1.1	1,235	7.2	---	24.0	On
EW-2030	1.4	1.7	2,253	10.4	---	24.0	On
EW-2031	1.5	1.8	2,372	11.1	---	24.0	On
EW-2032	0.5	0.8	718	9.5	---	24.0	On
EW-2033	0.3	0.6	646	11.4	---	24.0	On
EW-2034	0.9	1.2	1,428	8.2	32.9	24.0	On
EW-2035	1.2	1.2	1,683	6.5	25.0	24.0	On
EW-2036	0.9	1.0	1,323	12.9	42.4	24.0	On
EW-2037	0.7	0.8	1,033	3.8	47.7	24.0	On
EW-2101	18.9	19.9	25,770	10.2	72.1	24.0	On
EW-2102	13.4	15.0	20,269	17.0	72.0	24.0	On
EW-2103	12.9	13.4	18,794	18.2	54.0	24.0	On
EW-2104	41.0	41.5	59,351	15.1	70.4	24.0	On
EW-3001	0.0	0.0	0	2.2	16.8	0.0	Off
EW-3002	0.3	0.5	631	1.9	15.8	24.0	On
EW-3003	0.0	0.0	0	4.3	15.7	0.0	Off

Daily Log

August 17, 2016 12AM to August 18, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.4	2	1.5	---	0.1	Off
EW-3005	0.3	0.6	660	0.4	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	1.1	1,418	-0.7	---	24.0	On
EW-3008	0.3	0.5	658	-0.3	---	24.0	On
EW-3009	3.2	3.3	4,717	-1.3	---	24.0	On
EW-3010	0.9	1.1	1,390	-2.0	---	24.0	On
EW-3011	0.0	0.0	0	0.2	31.8	0.0	Off
EW-3012	0.4	0.6	765	-3.6	37.5	24.0	On
EW-3013	0.9	1.3	1,382	-6.3	47.9	24.0	On
EW-3014	0.3	0.5	233	-7.8	54.0	13.2	On
EW-3015	1.0	1.2	1,553	-6.1	62.0	24.0	On
EW-3016	0.4	1.1	817	0.4	68.3	24.0	On
EW-3017	0.3	0.8	163	-5.3	70.3	8.8	On
EW-3018	0.4	0.7	88	-9.0	70.0	4.9	On
EW-3019	0.8	1.1	1,355	-1.4	70.8	24.0	On
EW-3020	3.6	3.6	5,213	-1.9	53.6	24.0	On
EW-3021	0.3	0.4	508	0.0	37.8	24.0	On
EW-3022	0.5	0.5	734	-2.3	46.4	24.0	On
EW-3023	2.7	2.8	3,920	-6.3	35.7	24.0	On
EW-3024	0.3	0.5	649	1.4	---	24.0	On
EW-3025	2.7	2.7	3,880	-4.4	49.1	24.0	On
EW-3026	3.2	3.3	4,669	-9.1	50.4	24.0	On
EW-3027	0.3	0.5	659	0.6	---	24.0	On
EW-4001	1.8	1.9	2,641	0.3	42.4	24.0	On
EW-4002	2.0	2.3	2,976	-46.9	17.2	24.0	On
EW-4003	1.8	2.0	2,812	-26.3	---	24.0	On
EW-4004	1.4	1.6	2,245	-9.9	19.6	24.0	On
EW-4005	1.8	2.0	2,783	-14.7	---	24.0	On
EW-4006	1.3	1.4	2,002	-50.9	43.1	24.0	On
EW-4007	1.0	1.1	1,495	-5.9	47.5	24.0	On
EW-4008	1.9	3.1	2,788	-5.2	52.4	24.0	On
EW-4009	0.9	1.1	1,440	-30.0	49.0	24.0	On
EW-4010	2.1	2.1	3,026	2.7	58.2	24.0	On
EW-4011	2.2	2.2	3,032	-24.2	57.8	24.0	On
EW-5001	1.8	2.0	2,819	-21.4	---	24.0	On
EW-5002	0.0	0.0	0	4.9	25.1	0.0	Off
EW Totals	**158.1**		**231,372**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	230.6	166 GPM
FIT-500	0 GPM	214.9	241 GPM
Effluent Temp	91.9 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

August 17, 2016 12AM to August 18, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	18.4
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 17, 2016 12AM to August 18, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	97 GPM	28.5
Permeate Flow	FIT-642	70 GPM	20.3
Concentrate Flow	FIT-643	25 GPM	7.5

Inlet Conductivity	CIT-630	842.9 µS
Outlet Conductivity	CIT-642	23.2 µS
Hours Run		5.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	94.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 18, 2016 12AM to August 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	4.3	2,932	1.8	55.3	23.5	On
EW-2002	1.0	2.1	1,409	5.6	54.0	24.0	On
EW-2003	1.6	5.4	2,241	5.0	43.6	23.7	On
EW-2004	0.4	0.6	674	11.9	36.0	24.0	On
EW-2005	0.4	0.6	595	12.7	33.6	24.0	On
EW-2006	0.7	0.9	1,105	10.5	29.6	24.0	On
EW-2007	2.2	2.5	3,228	8.3	25.1	24.0	On
EW-2008	0.6	0.7	869	2.6	27.9	24.0	On
EW-2009	1.2	1.4	1,717	3.6	28.2	24.0	On
EW-2010	0.3	0.5	314	6.3	26.9	17.4	On
EW-2011	0.3	0.5	379	9.1	25.3	19.0	On
EW-2012	0.0	0.3	111	13.3	16.5	7.2	Off
EW-2013	0.4	0.6	424	18.5	16.6	20.0	On
EW-2014	1.2	2.1	1,649	13.0	24.1	24.0	On
EW-2015	0.5	0.7	632	11.5	17.3	22.6	On
EW-2016	0.6	0.6	791	11.3	---	24.0	On
EW-2017	1.5	1.7	2,198	12.2	---	24.0	On
EW-2018	0.9	1.0	954	11.0	---	24.0	On
EW-2019	0.3	0.4	216	11.1	---	12.0	On
EW-2020	0.4	0.4	347	10.8	---	18.1	On
EW-2021	0.3	0.3	269	13.8	---	14.7	On
EW-2022	0.4	0.5	502	11.4	---	22.9	On
EW-2023	0.5	0.6	514	12.0	---	20.1	On
EW-2024	0.5	0.6	310	11.3	---	15.1	On
EW-2025	1.1	1.1	1,264	11.0	---	24.0	On
EW-2026	0.9	0.9	909	10.4	---	24.0	On
EW-2027	1.0	1.1	1,208	8.1	---	24.0	On
EW-2028	1.0	1.0	1,099	9.0	---	24.0	On
EW-2029	1.0	1.1	1,237	7.0	---	24.0	On
EW-2030	1.6	1.7	2,256	10.5	---	24.0	On
EW-2031	1.7	1.8	2,385	11.1	---	24.0	On
EW-2032	0.7	0.8	719	9.3	---	24.0	On
EW-2033	0.5	0.6	640	11.6	---	24.0	On
EW-2034	1.0	1.5	1,435	8.3	32.9	24.0	On
EW-2035	1.2	1.3	1,694	6.6	24.7	24.0	On
EW-2036	1.0	1.4	1,384	12.9	42.4	24.0	On
EW-2037	0.8	2.6	1,049	3.9	47.9	24.0	On
EW-2101	18.9	24.6	23,831	10.5	72.1	24.0	On
EW-2102	13.5	15.1	17,374	17.2	72.4	24.0	On
EW-2103	13.1	15.4	17,338	18.3	54.3	24.0	On
EW-2104	41.5	42.1	51,564	15.3	70.6	24.0	On
EW-3001	0.0	0.0	0	2.2	16.5	0.0	Off
EW-3002	0.5	0.6	629	1.9	15.4	24.0	On
EW-3003	0.0	0.0	0	4.3	15.1	0.0	Off

Daily Log

August 18, 2016 12AM to August 19, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	7	1.6	---	0.6	Off
EW-3005	0.5	0.6	657	0.4	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.3	1,418	-0.7	---	24.0	On
EW-3008	0.5	0.6	655	-0.3	---	24.0	On
EW-3009	3.4	3.5	4,779	-1.4	---	24.0	On
EW-3010	1.1	1.1	1,376	-2.1	---	24.0	On
EW-3011	0.0	0.5	6	0.2	31.7	0.4	Off
EW-3012	0.6	0.9	774	-3.6	37.5	24.0	On
EW-3013	1.0	2.2	1,383	-6.4	48.2	24.0	On
EW-3014	0.0	0.9	234	-7.6	54.1	13.2	Off
EW-3015	1.1	5.4	1,557	-6.2	62.1	23.9	On
EW-3016	0.7	1.1	811	-1.9	68.2	24.0	On
EW-3017	0.0	0.9	167	-5.2	70.0	8.9	Off
EW-3018	0.0	0.6	89	-9.3	70.0	5.1	Off
EW-3019	1.0	2.7	1,365	-1.6	70.7	24.0	On
EW-3020	3.6	4.1	5,208	-1.9	53.8	24.0	On
EW-3021	0.4	0.7	501	-0.1	38.0	23.9	On
EW-3022	0.5	1.5	721	-2.4	46.9	24.0	On
EW-3023	2.7	5.2	3,871	-6.4	35.1	24.0	On
EW-3024	0.5	0.5	647	1.4	---	24.0	On
EW-3025	2.7	3.5	3,899	-4.6	49.7	24.0	On
EW-3026	3.2	3.8	4,669	-9.2	51.1	24.0	On
EW-3027	0.5	0.5	654	0.6	---	24.0	On
EW-4001	1.8	2.5	2,724	0.1	42.5	24.0	On
EW-4002	2.1	2.5	2,974	-46.9	16.8	24.0	On
EW-4003	2.0	2.2	2,849	-26.2	---	24.0	On
EW-4004	1.6	1.9	2,277	-9.5	19.2	24.0	On
EW-4005	1.9	2.2	2,826	-14.7	---	24.0	On
EW-4006	1.4	2.5	1,986	-51.0	43.5	24.0	On
EW-4007	1.1	1.2	1,505	-6.3	48.1	24.0	On
EW-4008	2.0	3.5	2,790	-5.3	52.8	24.0	On
EW-4009	1.0	1.5	1,456	-31.5	49.3	24.0	On
EW-4010	2.0	2.4	3,044	2.6	58.2	24.0	On
EW-4011	2.1	2.5	3,090	-25.2	58.0	24.0	On
EW-5001	2.0	2.2	2,853	-21.3	---	24.0	On
EW-5002	0.0	0.0	0	4.9	24.8	0.0	Off
EW Totals	**165.3**		**218,222**				

	Value	Total (KGal)	Peak Flow
FIT-100	165 GPM	218.0	167 GPM
FIT-500	203 GPM	198.0	239 GPM
Effluent Temp	94.9 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

August 18, 2016 12AM to August 19, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	14.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 18, 2016 12AM to August 19, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	23.0
Permeate Flow	FIT-642	0 GPM	16.4
Concentrate Flow	FIT-643	0 GPM	6.1

Inlet Conductivity	CIT-630	801.8 µS
Outlet Conductivity	CIT-642	61.7 µS
Hours Run		4.5 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	95.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 19, 2016 12AM to August 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	2.2	2,996	1.8	55.8	24.0	On
EW-2002	1.0	1.2	1,420	5.5	54.5	24.0	On
EW-2003	1.6	1.8	2,307	4.9	44.2	24.0	On
EW-2004	0.4	0.6	658	11.9	36.4	24.0	On
EW-2005	0.5	0.5	574	12.8	33.7	24.0	On
EW-2006	0.7	0.9	1,079	10.3	29.6	24.0	On
EW-2007	2.3	2.5	3,268	8.0	25.0	24.0	On
EW-2008	0.6	0.7	862	2.5	27.0	24.0	On
EW-2009	1.2	1.5	1,723	3.4	27.2	24.0	On
EW-2010	0.3	0.5	325	6.6	26.0	17.7	On
EW-2011	0.0	0.5	381	8.4	24.4	18.8	Off
EW-2012	0.0	0.3	112	12.1	16.5	7.3	Off
EW-2013	0.4	0.5	432	18.3	16.5	20.0	On
EW-2014	1.2	1.9	1,652	12.7	23.6	24.0	On
EW-2015	0.0	0.7	643	13.8	17.2	22.5	Off
EW-2016	0.6	0.6	771	11.1	---	24.0	On
EW-2017	1.5	1.7	2,197	12.1	---	24.0	On
EW-2018	0.7	1.1	954	10.8	---	24.0	On
EW-2019	0.0	0.4	215	12.7	---	11.8	Off
EW-2020	0.0	0.4	349	11.5	---	17.8	Off
EW-2021	0.0	0.3	270	13.9	---	14.8	Off
EW-2022	0.4	0.5	516	11.1	---	23.5	On
EW-2023	0.4	0.5	514	11.4	---	20.0	On
EW-2024	0.4	0.6	312	10.2	---	15.1	On
EW-2025	0.9	1.2	1,263	10.8	---	24.0	On
EW-2026	0.6	0.9	908	10.2	---	24.0	On
EW-2027	0.8	1.1	1,207	7.8	---	24.0	On
EW-2028	0.8	1.0	1,100	8.8	---	24.0	On
EW-2029	0.9	1.1	1,240	6.8	---	24.0	On
EW-2030	1.6	1.7	2,258	10.1	---	24.0	On
EW-2031	1.7	1.8	2,389	10.8	---	24.0	On
EW-2032	0.5	0.8	718	9.1	---	24.0	On
EW-2033	0.5	0.6	625	11.4	---	24.0	On
EW-2034	1.0	1.8	1,438	8.1	33.2	24.0	On
EW-2035	1.2	1.3	1,688	6.6	24.8	24.0	On
EW-2036	1.0	1.4	1,400	12.7	41.7	24.0	On
EW-2037	0.8	2.2	1,046	3.6	46.9	24.0	On
EW-2101	18.8	20.5	23,193	10.6	72.4	24.0	On
EW-2102	13.5	16.5	17,065	17.3	72.5	24.0	On
EW-2103	13.1	16.5	16,631	18.3	52.8	24.0	On
EW-2104	40.0	41.9	48,987	15.4	68.0	24.0	On
EW-3001	0.0	0.0	0	2.3	16.4	0.0	Off
EW-3002	0.5	0.6	618	1.9	15.3	24.0	On
EW-3003	0.0	0.0	0	4.3	15.1	0.0	Off

Daily Log

August 19, 2016 12AM to August 20, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	34	1.5	---	3.2	Off
EW-3005	0.5	0.6	635	0.3	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.2	1,401	-1.0	---	24.0	On
EW-3008	0.5	0.6	632	-0.5	---	24.0	On
EW-3009	3.3	3.5	4,814	-1.5	---	24.0	On
EW-3010	1.0	1.1	1,354	-2.4	---	24.0	On
EW-3011	0.0	0.5	79	0.3	31.9	5.3	Off
EW-3012	0.6	0.8	756	-3.5	37.8	24.0	On
EW-3013	1.0	2.8	1,381	-6.4	48.6	24.0	On
EW-3014	0.0	0.5	233	-8.0	54.3	13.1	Off
EW-3015	1.1	5.4	1,535	-6.3	62.3	23.9	On
EW-3016	0.7	1.1	964	-3.3	68.4	24.0	On
EW-3017	0.0	1.0	167	-6.6	70.4	8.9	Off
EW-3018	0.0	0.6	89	-9.4	70.1	5.1	Off
EW-3019	0.9	2.8	1,369	-1.6	70.8	24.0	On
EW-3020	3.6	3.7	5,209	-1.9	54.3	24.0	On
EW-3021	0.4	0.7	498	-0.1	37.3	23.9	On
EW-3022	0.5	1.2	717	-2.5	46.2	24.0	On
EW-3023	2.7	3.8	3,809	-6.3	35.5	24.0	On
EW-3024	0.5	0.5	628	1.2	---	24.0	On
EW-3025	2.7	3.7	3,932	-4.6	49.0	24.0	On
EW-3026	3.2	3.6	4,681	-9.2	50.2	24.0	On
EW-3027	0.5	0.5	635	0.5	---	24.0	On
EW-4001	1.9	2.5	2,747	0.0	41.7	24.0	On
EW-4002	2.1	2.5	2,969	-47.1	16.7	24.0	On
EW-4003	2.0	2.2	2,851	-26.7	---	24.0	On
EW-4004	1.6	1.8	2,273	-9.8	19.2	24.0	On
EW-4005	2.0	2.2	2,822	-15.0	---	24.0	On
EW-4006	1.4	2.4	1,981	-51.1	42.8	24.0	On
EW-4007	1.0	1.2	1,506	-5.9	47.4	24.0	On
EW-4008	2.0	3.4	2,777	-5.4	51.2	24.0	On
EW-4009	1.1	1.4	1,474	-31.5	49.7	24.0	On
EW-4010	2.0	2.4	2,996	2.7	57.3	24.0	On
EW-4011	2.2	2.6	3,134	-25.7	57.1	24.0	On
EW-5001	2.0	2.2	2,844	-21.6	---	24.0	On
EW-5002	0.0	0.0	0	5.0	24.8	0.0	Off
EW Totals	**160.3**		**214,225**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	213.8	167 GPM
FIT-500	0 GPM	204.5	241 GPM
Effluent Temp	94.1 °F		
Effluent pH	7.2		

Recharge and Injection Daily Report

August 19, 2016 12AM to August 20, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	16.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 19, 2016 12AM to August 20, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	96 GPM	24.7
Permeate Flow	FIT-642	71 GPM	17.6
Concentrate Flow	FIT-643	24 GPM	6.5

Inlet Conductivity	CIT-630	876.5 µS
Outlet Conductivity	CIT-642	22.3 µS
Hours Run		3.6 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 20, 2016 12AM to August 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,964	1.7	55.9	24.0	On
EW-2002	1.0	1.0	1,401	5.5	54.6	24.0	On
EW-2003	1.6	1.6	2,288	4.9	44.5	24.0	On
EW-2004	0.4	0.5	620	11.8	36.7	24.0	On
EW-2005	0.4	0.5	592	13.0	33.9	24.0	On
EW-2006	0.7	0.8	1,049	10.2	29.8	24.0	On
EW-2007	2.3	2.3	3,260	8.0	25.3	24.0	On
EW-2008	0.6	0.8	843	2.6	27.7	24.0	On
EW-2009	1.2	1.3	1,699	3.5	28.0	24.0	On
EW-2010	0.3	0.4	290	6.2	26.7	16.5	On
EW-2011	0.3	0.5	377	8.5	25.2	18.7	On
EW-2012	0.0	0.3	111	12.1	16.8	7.3	Off
EW-2013	0.4	0.5	424	17.9	16.8	19.9	On
EW-2014	1.2	1.2	1,658	12.8	23.9	24.0	On
EW-2015	0.5	0.5	634	12.7	17.5	22.6	On
EW-2016	0.6	0.6	792	11.2	---	24.0	On
EW-2017	1.6	1.6	2,189	12.1	---	24.0	On
EW-2018	0.7	1.0	957	10.8	---	24.0	On
EW-2019	0.0	0.4	218	12.4	---	12.1	Off
EW-2020	0.4	0.4	350	11.0	---	18.2	On
EW-2021	0.3	0.3	274	11.8	---	15.1	On
EW-2022	0.4	0.4	503	11.2	---	22.8	On
EW-2023	0.0	0.5	516	12.4	---	20.3	Off
EW-2024	0.4	0.5	313	10.2	---	14.9	On
EW-2025	0.9	1.1	1,270	10.8	---	24.0	On
EW-2026	0.6	0.9	910	10.2	---	24.0	On
EW-2027	0.8	1.1	1,211	7.8	---	24.0	On
EW-2028	0.8	1.0	1,104	8.8	---	24.0	On
EW-2029	0.9	1.1	1,246	6.8	---	24.0	On
EW-2030	1.6	1.7	2,275	10.1	---	24.0	On
EW-2031	1.7	1.8	2,390	10.8	---	24.0	On
EW-2032	0.5	0.8	717	9.1	---	24.0	On
EW-2033	0.5	0.6	644	11.4	---	24.0	On
EW-2034	1.0	1.0	1,435	8.2	33.6	24.0	On
EW-2035	1.2	1.2	1,688	6.6	25.0	24.0	On
EW-2036	0.9	1.0	1,383	12.7	41.9	24.0	On
EW-2037	0.8	0.8	1,034	3.6	47.2	24.0	On
EW-2101	18.5	18.9	26,786	10.5	72.8	24.0	On
EW-2102	13.4	13.6	19,206	17.3	72.5	24.0	On
EW-2103	13.1	13.2	18,798	18.3	53.0	24.0	On
EW-2104	40.1	40.2	57,605	15.3	68.1	24.0	On
EW-3001	0.0	0.0	0	2.3	16.5	0.0	Off
EW-3002	0.5	0.5	633	1.8	15.6	24.0	On
EW-3003	0.0	0.0	0	4.3	15.4	0.0	Off

Daily Log

August 20, 2016 12AM to August 21, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	20	1.6	---	2.0	Off
EW-3005	0.5	0.6	659	0.4	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,393	-1.0	---	24.0	On
EW-3008	0.5	0.5	658	-0.5	---	24.0	On
EW-3009	3.3	3.4	4,781	-1.4	---	24.0	On
EW-3010	1.0	1.1	1,341	-2.4	---	24.0	On
EW-3011	0.0	0.5	106	0.3	32.2	7.3	Off
EW-3012	0.5	0.6	760	-3.5	38.3	24.0	On
EW-3013	1.0	1.2	1,374	-6.2	49.0	24.0	On
EW-3014	0.3	0.5	233	-8.4	54.9	13.2	On
EW-3015	1.1	1.2	1,524	-5.9	62.6	24.0	On
EW-3016	0.7	0.8	996	-3.3	68.7	24.0	On
EW-3017	0.2	0.9	167	-7.6	70.6	8.9	On
EW-3018	0.0	0.6	88	-8.8	70.6	5.0	On
EW-3019	1.0	1.1	1,362	-1.4	71.2	24.0	On
EW-3020	3.6	3.6	5,185	-1.9	54.4	24.0	On
EW-3021	0.4	0.4	503	0.0	37.5	24.0	On
EW-3022	0.5	0.5	710	-2.4	46.3	24.0	On
EW-3023	2.6	2.7	3,796	-6.2	36.0	24.0	On
EW-3024	0.5	0.5	648	1.2	---	24.0	On
EW-3025	2.7	2.8	3,928	-4.5	49.0	24.0	On
EW-3026	3.2	3.3	4,670	-9.2	50.3	24.0	On
EW-3027	0.5	0.5	657	0.5	---	24.0	On
EW-4001	1.9	1.9	2,689	0.1	41.9	24.0	On
EW-4002	2.0	2.3	2,969	-47.2	16.9	24.0	On
EW-4003	2.0	2.0	2,827	-26.5	---	24.0	On
EW-4004	1.6	1.6	2,252	-9.8	19.5	24.0	On
EW-4005	2.0	2.0	2,785	-14.8	---	24.0	On
EW-4006	1.4	1.4	1,974	-51.0	42.9	24.0	On
EW-4007	1.0	1.0	1,466	-5.9	47.3	24.0	On
EW-4008	2.0	2.1	2,796	-5.3	51.5	24.0	On
EW-4009	1.0	1.1	1,470	-31.2	50.2	24.0	On
EW-4010	2.0	2.0	2,894	2.8	57.5	24.0	On
EW-4011	2.2	2.3	3,113	-25.4	57.4	24.0	On
EW-5001	2.0	2.0	2,821	-21.4	---	24.0	On
EW-5002	0.0	0.0	0	5.1	25.0	0.0	Off
EW Totals	**160.7**		**230,274**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	229.5	165 GPM
FIT-500	234 GPM	205.3	242 GPM
Effluent Temp	95.2 °F		
Effluent pH	6.7		

Recharge and Injection Daily Report

August 20, 2016 12AM to August 21, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	19.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 20, 2016 12AM to August 21, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	98 GPM	31.2
Permeate Flow	FIT-642	71 GPM	22.3
Concentrate Flow	FIT-643	26 GPM	8.3

Inlet Conductivity	CIT-630	875.6 µS
Outlet Conductivity	CIT-642	22.3 µS
Hours Run		4.3 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 21, 2016 12AM to August 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.0	2,917	1.8	55.9	24.0	On
EW-2002	1.0	1.0	1,384	5.4	54.6	24.0	On
EW-2003	1.5	1.6	2,235	5.0	44.6	24.0	On
EW-2004	0.4	0.5	614	11.6	36.8	24.0	On
EW-2005	0.4	0.5	588	13.0	34.2	24.0	On
EW-2006	0.7	0.8	1,037	9.9	30.0	24.0	On
EW-2007	2.2	2.3	3,219	8.1	25.4	24.0	On
EW-2008	0.6	0.7	833	2.4	27.7	24.0	On
EW-2009	1.1	1.3	1,680	3.5	28.0	24.0	On
EW-2010	0.3	0.5	283	6.3	26.8	15.9	On
EW-2011	0.3	0.5	374	8.6	25.3	18.3	On
EW-2012	0.0	0.3	110	12.8	17.0	7.2	Off
EW-2013	0.5	0.5	414	17.7	17.0	19.2	On
EW-2014	1.2	1.2	1,654	12.9	24.1	24.0	On
EW-2015	0.5	0.5	641	12.7	17.7	22.5	On
EW-2016	0.6	0.6	768	11.2	---	24.0	On
EW-2017	1.5	1.6	2,202	12.3	---	24.0	On
EW-2018	0.7	1.0	956	10.8	---	24.0	On
EW-2019	0.3	0.4	217	12.4	---	11.9	On
EW-2020	0.4	0.4	352	10.5	---	18.1	On
EW-2021	0.3	0.3	271	13.7	---	14.8	On
EW-2022	0.4	0.4	514	12.0	---	23.4	On
EW-2023	0.5	0.5	520	11.4	---	20.2	On
EW-2024	0.4	0.5	310	10.9	---	14.9	On
EW-2025	0.9	1.1	1,266	10.8	---	24.0	On
EW-2026	0.6	0.9	907	10.2	---	24.0	On
EW-2027	0.8	1.1	1,204	7.8	---	24.0	On
EW-2028	0.8	1.0	1,099	8.8	---	24.0	On
EW-2029	0.9	1.1	1,242	6.8	---	24.0	On
EW-2030	1.7	1.7	2,277	10.1	---	24.0	On
EW-2031	1.7	1.8	2,367	10.8	---	24.0	On
EW-2032	0.5	0.8	712	9.1	---	24.0	On
EW-2033	0.5	0.6	623	11.5	---	24.0	On
EW-2034	1.0	1.1	1,428	8.2	33.9	24.0	On
EW-2035	1.2	1.2	1,685	6.6	25.1	24.0	On
EW-2036	0.9	1.0	1,350	12.7	42.0	24.0	On
EW-2037	0.7	0.8	1,020	3.9	47.4	24.0	On
EW-2101	18.4	18.7	26,585	10.3	72.7	24.0	On
EW-2102	13.1	13.5	19,038	17.4	72.5	24.0	On
EW-2103	13.1	13.2	18,767	18.3	53.2	24.0	On
EW-2104	40.0	40.2	57,593	15.3	68.3	24.0	On
EW-3001	0.0	0.0	0	2.3	16.9	0.0	Off
EW-3002	0.5	0.5	618	1.8	15.7	24.0	On
EW-3003	0.0	0.0	0	4.3	15.5	0.0	Off

Daily Log

August 21, 2016 12AM to August 22, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	61	1.6	---	5.7	Off
EW-3005	0.5	0.6	631	0.4	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,380	-1.0	---	24.0	On
EW-3008	0.5	0.5	630	-0.4	---	24.0	On
EW-3009	3.3	3.3	4,751	-1.4	---	24.0	On
EW-3010	1.0	1.1	1,344	-2.4	---	24.0	On
EW-3011	0.3	0.5	147	-0.1	32.7	9.8	On
EW-3012	0.5	0.6	752	-3.5	38.6	24.0	On
EW-3013	0.9	1.2	1,374	-6.1	49.3	24.0	On
EW-3014	0.3	0.5	232	-8.3	55.2	13.0	On
EW-3015	1.0	1.2	1,522	-5.9	62.9	24.0	On
EW-3016	0.7	0.8	1,006	-3.7	68.7	24.0	On
EW-3017	0.3	0.8	164	-5.7	70.9	8.8	On
EW-3018	0.0	0.6	89	-9.6	70.7	5.1	Off
EW-3019	0.9	1.1	1,355	-1.4	71.4	24.0	On
EW-3020	3.6	3.6	5,170	-2.1	54.5	24.0	On
EW-3021	0.4	0.4	498	-0.1	37.6	24.0	On
EW-3022	0.5	0.5	696	-2.5	46.3	24.0	On
EW-3023	2.6	2.7	3,775	-6.2	36.4	24.0	On
EW-3024	0.5	0.5	625	1.3	---	24.0	On
EW-3025	2.7	2.8	3,916	-4.6	49.1	24.0	On
EW-3026	3.2	3.3	4,664	-9.1	50.3	24.0	On
EW-3027	0.5	0.5	630	0.6	---	24.0	On
EW-4001	1.9	1.9	2,678	0.2	42.0	24.0	On
EW-4002	2.1	2.3	2,966	-47.2	17.2	24.0	On
EW-4003	2.0	2.0	2,803	-26.6	---	24.0	On
EW-4004	1.6	1.7	2,235	-9.7	19.6	24.0	On
EW-4005	2.0	2.0	2,769	-14.9	---	24.0	On
EW-4006	1.4	1.4	1,966	-50.9	43.0	24.0	On
EW-4007	1.0	1.0	1,448	-5.8	47.4	24.0	On
EW-4008	2.0	2.1	2,785	-5.3	51.6	24.0	On
EW-4009	1.0	1.1	1,450	-31.1	50.5	24.0	On
EW-4010	2.0	2.1	2,923	2.9	57.7	24.0	On
EW-4011	2.1	2.3	3,095	-25.3	57.6	24.0	On
EW-5001	2.0	2.0	2,799	-21.2	---	24.0	On
EW-5002	0.0	0.0	0	5.1	25.2	0.0	Off
EW Totals	**161.4**		**229,207**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	228.4	164 GPM
FIT-500	203 GPM	213.8	243 GPM
Effluent Temp	96.1 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

August 21, 2016 12AM to August 22, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	21.9
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 21, 2016 12AM to August 22, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	34.1
Permeate Flow	FIT-642	0 GPM	24.4
Concentrate Flow	FIT-643	0 GPM	9.0

Inlet Conductivity	CIT-630	865.2 µS
Outlet Conductivity	CIT-642	76.7 µS
Hours Run		5.0 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	96.5 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 22, 2016 12AM to August 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,909	1.6	55.0	24.0	On
EW-2002	1.0	1.0	1,371	5.4	53.7	24.0	On
EW-2003	1.5	1.6	2,191	5.0	43.7	24.0	On
EW-2004	0.5	0.5	659	11.1	35.9	24.0	On
EW-2005	0.4	0.5	580	12.7	33.2	24.0	On
EW-2006	0.7	0.8	1,033	9.9	29.1	23.9	On
EW-2007	2.2	2.3	3,184	8.0	24.4	24.0	On
EW-2008	0.6	0.7	825	2.6	26.8	24.0	On
EW-2009	1.2	1.3	1,663	3.6	27.1	24.0	On
EW-2010	0.3	0.5	280	6.0	25.8	15.9	On
EW-2011	0.3	0.5	369	9.4	24.3	18.2	On
EW-2012	0.0	0.3	109	12.7	15.9	7.1	Off
EW-2013	0.4	0.5	405	17.2	15.9	19.1	On
EW-2014	1.2	1.3	1,659	12.8	23.4	24.0	On
EW-2015	0.3	0.6	647	14.7	16.8	22.8	On
EW-2016	0.6	0.7	791	10.9	---	24.0	On
EW-2017	1.5	1.6	2,216	12.1	---	24.0	On
EW-2018	0.6	1.0	958	11.0	---	24.0	On
EW-2019	0.3	0.4	220	11.8	---	12.3	On
EW-2020	0.3	0.4	348	12.0	---	18.1	On
EW-2021	0.3	0.3	275	11.8	---	15.1	On
EW-2022	0.4	0.5	508	11.1	---	22.9	On
EW-2023	0.4	0.5	524	11.7	---	20.5	On
EW-2024	0.0	0.5	312	10.9	---	15.0	Off
EW-2025	0.9	1.1	1,272	10.8	---	24.0	On
EW-2026	0.6	0.9	911	10.2	---	24.0	On
EW-2027	0.8	1.1	1,206	7.8	---	24.0	On
EW-2028	0.8	1.0	1,102	8.8	---	24.0	On
EW-2029	0.9	1.1	1,243	6.8	---	24.0	On
EW-2030	1.6	1.7	2,283	10.1	---	24.0	On
EW-2031	1.6	1.8	2,365	10.9	---	24.0	On
EW-2032	0.5	0.8	718	9.1	---	24.0	On
EW-2033	0.6	5.5	701	9.0	---	24.0	On
EW-2034	1.0	1.5	1,424	8.1	33.0	24.0	On
EW-2035	1.2	1.2	1,693	6.6	24.0	24.0	On
EW-2036	0.9	1.6	1,313	12.7	42.0	23.8	On
EW-2037	0.7	0.9	1,009	3.7	47.3	24.0	On
EW-2101	18.2	24.2	26,470	10.6	73.5	24.0	On
EW-2102	13.6	15.0	19,356	17.4	73.6	23.9	On
EW-2103	13.1	13.3	18,804	18.2	53.6	24.0	On
EW-2104	41.2	41.4	58,696	15.1	69.4	24.0	On
EW-3001	0.0	0.0	0	2.2	15.9	0.0	Off
EW-3002	0.5	0.5	637	1.7	14.8	24.0	On
EW-3003	0.0	0.0	0	4.3	14.5	0.0	Off

Daily Log

August 22, 2016 12AM to August 23, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	23	1.6	---	2.3	Off
EW-3005	0.5	0.6	659	0.3	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.1	1,352	-1.0	---	24.0	On
EW-3008	0.5	0.6	656	-0.6	---	24.0	On
EW-3009	3.4	3.4	4,821	-1.6	---	24.0	On
EW-3010	0.9	1.1	1,334	-2.4	---	24.0	On
EW-3011	0.0	0.6	131	0.2	31.8	8.8	Off
EW-3012	0.6	0.8	765	-3.6	38.0	24.0	On
EW-3013	1.0	4.5	1,373	-6.4	48.9	24.0	On
EW-3014	0.0	0.5	232	-8.6	55.2	13.0	Off
EW-3015	1.1	2.3	1,530	-6.1	63.2	24.0	On
EW-3016	0.6	1.0	939	-2.2	69.3	24.0	On
EW-3017	0.3	0.8	169	-6.2	71.5	9.0	On
EW-3018	0.0	0.8	87	-8.8	71.3	5.0	Off
EW-3019	0.9	2.2	1,346	-1.4	72.0	24.0	On
EW-3020	3.6	3.6	5,162	-2.1	53.6	24.0	On
EW-3021	0.4	0.5	510	-0.2	36.9	23.9	On
EW-3022	0.5	0.6	696	-2.5	45.3	24.0	On
EW-3023	2.6	3.6	3,765	-6.4	35.6	23.9	On
EW-3024	0.5	0.6	646	1.1	---	24.0	On
EW-3025	2.7	2.8	3,862	-4.5	48.0	24.0	On
EW-3026	3.2	3.3	4,600	-9.0	49.3	24.0	On
EW-3027	0.5	0.6	656	0.5	---	24.0	On
EW-4001	1.9	2.2	2,748	-0.2	42.0	24.0	On
EW-4002	2.1	2.3	2,964	-46.9	16.2	24.0	On
EW-4003	2.1	2.2	2,900	-28.2	---	24.0	On
EW-4004	1.6	1.8	2,286	-10.1	18.6	24.0	On
EW-4005	2.0	2.1	2,872	-16.2	---	24.0	On
EW-4006	1.4	1.4	1,955	-51.1	42.1	24.0	On
EW-4007	1.0	1.1	1,411	-5.7	46.4	24.0	On
EW-4008	2.0	2.2	2,838	-5.7	52.0	24.0	On
EW-4009	1.1	1.3	1,467	-32.5	50.2	24.0	On
EW-4010	2.1	2.1	2,933	2.6	57.8	24.0	On
EW-4011	2.2	2.3	3,097	-25.2	57.6	24.0	On
EW-5001	2.1	2.2	2,914	-22.5	---	24.0	On
EW-5002	0.0	0.0	0	5.1	24.1	0.0	Off
EW Totals	**161.4**		**230,939**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	230.2	166 GPM
FIT-500	204 GPM	208.1	243 GPM
Effluent Temp	95.8 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

August 22, 2016 12AM to August 23, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	32 GPM	0.0
RC-7003	FIT-665	32 GPM	24.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 22, 2016 12AM to August 23, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	36.4
Permeate Flow	FIT-642	0 GPM	26.2
Concentrate Flow	FIT-643	0 GPM	9.5

Inlet Conductivity	CIT-630	875.3 µS
Outlet Conductivity	CIT-642	110.8 µS
Hours Run		5.5 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	96.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 23, 2016 12AM to August 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.0	2,887	1.7	55.0	24.0	On
EW-2002	0.9	1.0	1,349	5.6	53.8	24.0	On
EW-2003	1.5	1.5	2,150	5.0	43.9	24.0	On
EW-2004	0.4	0.5	636	11.4	35.9	24.0	On
EW-2005	0.5	0.5	587	12.2	33.6	24.0	On
EW-2006	0.8	0.8	1,061	9.2	29.0	24.0	On
EW-2007	2.2	2.2	3,127	8.1	24.3	24.0	On
EW-2008	0.6	0.7	820	2.4	26.1	24.0	On
EW-2009	1.1	1.3	1,651	3.5	26.4	24.0	On
EW-2010	0.3	0.4	276	6.5	25.2	15.8	On
EW-2011	0.0	0.5	368	8.7	23.6	18.0	Off
EW-2012	0.0	0.3	107	13.3	15.8	7.0	Off
EW-2013	0.3	0.5	395	18.2	15.8	18.7	On
EW-2014	1.2	1.2	1,663	12.8	23.2	24.0	On
EW-2015	0.5	0.5	639	12.3	16.7	22.6	On
EW-2016	0.6	0.6	791	11.1	---	24.0	On
EW-2017	1.5	1.6	2,213	12.1	---	24.0	On
EW-2018	0.7	1.0	959	10.8	---	24.0	On
EW-2019	0.0	0.4	221	11.7	---	12.4	Off
EW-2020	0.3	0.4	351	11.7	---	18.3	On
EW-2021	0.0	0.3	272	12.9	---	14.9	Off
EW-2022	0.4	0.4	507	11.1	---	22.9	On
EW-2023	0.5	0.5	524	10.9	---	20.4	On
EW-2024	0.4	0.5	313	9.9	---	15.0	On
EW-2025	0.9	1.1	1,270	10.8	---	24.0	On
EW-2026	0.6	0.9	911	10.2	---	24.0	On
EW-2027	0.8	1.1	1,204	7.8	---	24.0	On
EW-2028	0.8	1.0	1,100	8.8	---	24.0	On
EW-2029	0.9	1.1	1,243	6.8	---	24.0	On
EW-2030	1.6	1.7	2,274	10.1	---	24.0	On
EW-2031	1.6	1.7	2,354	10.8	---	24.0	On
EW-2032	0.5	0.8	715	9.1	---	24.0	On
EW-2033	0.6	0.6	784	9.2	---	24.0	On
EW-2034	1.0	1.1	1,428	8.1	33.5	24.0	On
EW-2035	1.2	1.2	1,701	6.5	24.3	24.0	On
EW-2036	0.9	0.9	1,300	12.7	41.7	24.0	On
EW-2037	0.7	0.8	1,000	3.7	47.1	24.0	On
EW-2101	18.0	18.7	26,116	10.4	73.4	24.0	On
EW-2102	13.6	14.0	19,634	17.4	73.2	24.0	On
EW-2103	13.1	13.4	18,810	18.1	53.0	24.0	On
EW-2104	40.6	41.3	58,579	15.0	68.7	24.0	On
EW-3001	0.0	0.0	0	2.2	15.7	0.0	Off
EW-3002	0.5	0.6	635	1.7	14.7	24.0	On
EW-3003	0.0	0.0	0	4.3	14.5	0.0	Off

Daily Log

August 23, 2016 12AM to August 24, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	12	1.6	---	1.1	Off
EW-3005	0.5	0.6	657	0.3	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.1	1,316	-1.0	---	24.0	On
EW-3008	0.5	0.5	654	-0.5	---	24.0	On
EW-3009	3.2	3.4	4,668	-1.4	---	24.0	On
EW-3010	0.9	1.1	1,298	-2.4	---	24.0	On
EW-3011	0.0	0.7	53	-0.3	32.3	3.3	Off
EW-3012	0.6	0.6	767	-4.3	38.6	24.0	On
EW-3013	1.0	1.2	1,365	-6.3	49.5	24.0	On
EW-3014	0.0	0.5	229	-7.8	55.6	12.9	Off
EW-3015	1.1	1.3	1,524	-6.0	63.3	24.0	On
EW-3016	0.7	0.8	926	-2.2	69.1	24.0	On
EW-3017	0.3	1.0	170	-7.0	71.7	9.1	On
EW-3018	0.0	0.7	89	-9.6	71.5	5.2	Off
EW-3019	1.0	1.1	1,338	-1.5	72.2	24.0	On
EW-3020	3.6	3.6	5,150	-2.1	53.6	24.0	On
EW-3021	0.4	0.4	525	-0.2	36.7	24.0	On
EW-3022	0.5	0.5	683	-2.5	45.1	24.0	On
EW-3023	3.2	6.6	4,311	-6.3	36.4	23.5	On
EW-3024	0.5	0.5	642	1.1	---	24.0	On
EW-3025	2.7	2.8	3,902	-4.5	47.8	24.0	On
EW-3026	3.2	3.4	4,579	-9.1	49.2	24.0	On
EW-3027	0.5	0.5	659	0.5	---	24.0	On
EW-4001	2.0	2.0	2,850	-0.3	41.7	24.0	On
EW-4002	2.1	2.3	2,957	-47.1	16.1	24.0	On
EW-4003	2.2	2.2	3,027	-29.4	---	24.0	On
EW-4004	1.6	1.7	2,263	-10.0	18.6	24.0	On
EW-4005	2.0	2.1	2,907	-16.2	---	24.0	On
EW-4006	1.4	1.4	1,945	-51.1	41.9	24.0	On
EW-4007	1.0	1.0	1,390	-5.9	46.3	24.0	On
EW-4008	2.0	3.5	2,899	-5.3	51.3	24.0	On
EW-4009	1.1	1.1	1,499	-32.5	50.7	24.0	On
EW-4010	2.1	2.1	2,980	2.6	57.7	24.0	On
EW-4011	2.2	2.3	3,104	-25.5	57.5	24.0	On
EW-5001	2.1	2.1	2,941	-22.5	---	24.0	On
EW-5002	0.0	0.0	0	5.1	24.3	0.0	Off
EW Totals	**161.0**		**231,202**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	230.2	166 GPM
FIT-500	201 GPM	199.9	243 GPM
Effluent Temp	95.2 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

August 23, 2016 12AM to August 24, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	23 GPM	0.0
RC-7003	FIT-665	23 GPM	27.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 23, 2016 12AM to August 24, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	97 GPM	40.1
Permeate Flow	FIT-642	71 GPM	29.0
Concentrate Flow	FIT-643	25 GPM	10.3

Inlet Conductivity	CIT-630	820.9 µS
Outlet Conductivity	CIT-642	22.3 µS
Hours Run		6.1 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	96.2 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 24, 2016 12AM to August 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.0	2,856	1.7	55.0	24.0	On
EW-2002	0.9	1.0	1,343	5.4	53.8	24.0	On
EW-2003	1.5	1.5	2,137	5.0	44.1	24.0	On
EW-2004	0.4	0.4	607	11.4	36.1	24.0	On
EW-2005	0.4	0.5	585	12.2	33.5	24.0	On
EW-2006	0.8	0.9	1,217	8.8	29.4	24.0	On
EW-2007	2.2	2.2	3,093	8.0	24.5	24.0	On
EW-2008	0.6	0.7	814	2.5	26.8	24.0	On
EW-2009	1.1	1.3	1,643	3.4	27.1	24.0	On
EW-2010	0.3	0.4	277	5.6	25.9	15.5	On
EW-2011	0.3	0.5	365	8.8	24.4	17.6	On
EW-2012	0.0	0.3	108	12.4	15.9	7.1	Off
EW-2013	0.4	0.5	393	17.6	16.0	18.5	On
EW-2014	1.2	1.2	1,654	12.9	23.2	24.0	On
EW-2015	0.5	0.5	640	12.1	16.7	22.5	On
EW-2016	0.6	0.6	777	11.1	---	24.0	On
EW-2017	1.5	1.6	2,196	12.1	---	24.0	On
EW-2018	0.7	1.0	958	10.8	---	24.0	On
EW-2019	0.3	0.4	222	11.9	---	12.3	On
EW-2020	0.3	0.4	351	12.1	---	18.0	On
EW-2021	0.3	0.3	274	11.3	---	14.9	On
EW-2022	0.4	0.4	515	11.4	---	23.2	On
EW-2023	0.0	0.5	518	12.7	---	20.1	Off
EW-2024	0.3	0.5	308	11.6	---	14.7	On
EW-2025	0.9	1.1	1,267	10.8	---	24.0	On
EW-2026	0.6	0.9	908	10.2	---	24.0	On
EW-2027	0.8	1.1	1,200	7.8	---	24.0	On
EW-2028	0.8	1.0	1,096	8.8	---	24.0	On
EW-2029	0.9	1.1	1,241	6.9	---	24.0	On
EW-2030	1.6	1.7	2,266	10.2	---	24.0	On
EW-2031	1.7	1.7	2,340	10.8	---	24.0	On
EW-2032	0.5	0.8	708	9.1	---	24.0	On
EW-2033	0.6	0.7	775	9.1	---	24.0	On
EW-2034	1.0	1.0	1,411	8.2	33.2	24.0	On
EW-2035	1.2	1.2	1,702	6.4	24.2	24.0	On
EW-2036	0.9	0.9	1,290	12.6	41.8	24.0	On
EW-2037	0.7	0.8	994	3.9	46.9	24.0	On
EW-2101	18.1	18.3	26,034	10.2	73.5	24.0	On
EW-2102	13.4	13.8	19,399	17.4	73.5	24.0	On
EW-2103	13.1	13.2	18,801	18.1	53.0	24.0	On
EW-2104	40.5	40.8	58,429	15.0	68.2	24.0	On
EW-3001	0.0	0.0	0	2.2	15.7	0.0	Off
EW-3002	0.5	0.5	623	1.7	14.7	24.0	On
EW-3003	0.0	0.0	0	4.3	14.5	0.0	Off

Daily Log

August 24, 2016 12AM to August 25, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	34	1.6	---	3.3	Off
EW-3005	0.5	0.6	644	0.3	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.1	1,325	-1.0	---	24.0	On
EW-3008	0.5	0.5	639	-0.5	---	24.0	On
EW-3009	3.2	3.2	4,548	-1.4	---	24.0	On
EW-3010	0.9	1.1	1,289	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	-0.1	31.9	0.0	Off
EW-3012	0.6	0.6	763	-4.0	38.2	24.0	On
EW-3013	1.0	1.0	1,363	-6.3	49.0	24.0	On
EW-3014	0.0	0.5	229	-7.7	55.2	12.9	Off
EW-3015	1.1	1.2	1,517	-6.3	63.1	24.0	On
EW-3016	0.7	0.7	928	-2.0	69.3	24.0	On
EW-3017	0.3	0.9	170	-7.3	71.6	9.1	On
EW-3018	0.0	0.6	88	-9.4	71.5	5.1	Off
EW-3019	0.9	1.1	1,330	-1.6	72.1	24.0	On
EW-3020	3.6	3.6	5,128	-2.2	53.7	24.0	On
EW-3021	0.4	0.4	527	-0.2	36.7	24.0	On
EW-3022	0.5	0.5	678	-2.5	45.1	24.0	On
EW-3023	3.0	3.2	4,429	-6.2	36.1	24.0	On
EW-3024	0.5	0.6	633	1.1	---	24.0	On
EW-3025	2.7	2.7	3,893	-4.5	47.9	24.0	On
EW-3026	3.2	3.2	4,587	-9.1	49.1	24.0	On
EW-3027	0.5	0.5	645	0.5	---	24.0	On
EW-4001	2.1	2.1	2,916	-0.4	41.8	24.0	On
EW-4002	2.0	2.3	2,956	-47.2	16.1	24.0	On
EW-4003	2.2	2.2	3,077	-29.4	---	24.0	On
EW-4004	1.6	1.7	2,259	-10.1	18.6	24.0	On
EW-4005	2.0	2.1	2,898	-16.2	---	24.0	On
EW-4006	1.4	1.4	1,939	-51.0	41.9	24.0	On
EW-4007	1.0	1.0	1,402	-5.9	46.2	24.0	On
EW-4008	2.0	2.1	2,815	-5.5	51.4	24.0	On
EW-4009	1.1	1.1	1,510	-32.9	50.3	24.0	On
EW-4010	2.1	2.1	2,991	2.7	57.6	24.0	On
EW-4011	2.2	2.3	3,108	-25.8	57.4	24.0	On
EW-5001	2.1	2.1	2,935	-22.5	---	24.0	On
EW-5002	0.0	0.0	0	5.1	24.3	0.0	Off
EW Totals	**161.2**		**230,527**				

	Value	Total (KGal)	Peak Flow
FIT-100	160 GPM	229.5	165 GPM
FIT-500	202 GPM	208.3	244 GPM
Effluent Temp	95.6 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

August 24, 2016 12AM to August 25, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	27.8
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 24, 2016 12AM to August 25, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	41.7
Permeate Flow	FIT-642	0 GPM	30.3
Concentrate Flow	FIT-643	0 GPM	10.7

Inlet Conductivity	CIT-630	801.2 µS
Outlet Conductivity	CIT-642	58.8 µS
Hours Run		7.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.3 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 25, 2016 12AM to August 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.0	2,839	1.7	54.9	24.0	On
EW-2002	0.9	1.0	1,336	5.4	53.7	24.0	On
EW-2003	1.5	1.5	2,109	5.1	43.9	24.0	On
EW-2004	0.4	0.4	606	11.3	35.9	24.0	On
EW-2005	0.4	0.5	592	11.7	33.2	24.0	On
EW-2006	0.8	0.9	1,198	8.9	29.1	24.0	On
EW-2007	2.1	2.2	3,085	8.0	24.2	24.0	On
EW-2008	0.5	0.6	806	2.4	25.8	24.0	On
EW-2009	1.1	1.3	1,633	3.4	26.1	24.0	On
EW-2010	0.3	0.4	272	6.6	24.9	15.5	On
EW-2011	0.0	0.5	361	8.6	23.4	17.6	Off
EW-2012	0.0	0.3	146	12.6	15.8	8.9	Off
EW-2013	0.3	0.5	384	18.1	15.9	18.4	On
EW-2014	1.2	1.2	1,653	12.8	23.2	24.0	On
EW-2015	0.5	0.5	634	11.6	16.7	22.5	On
EW-2016	0.6	0.6	786	11.1	---	24.0	On
EW-2017	1.5	1.6	2,193	12.2	---	24.0	On
EW-2018	0.7	1.0	957	10.8	---	24.0	On
EW-2019	0.3	0.3	222	11.4	---	12.4	On
EW-2020	0.3	0.4	353	10.6	---	18.3	On
EW-2021	0.3	0.3	271	12.4	---	14.8	On
EW-2022	0.4	0.4	512	11.8	---	23.1	On
EW-2023	0.4	0.5	520	13.0	---	20.3	On
EW-2024	0.0	0.5	312	10.8	---	15.0	Off
EW-2025	0.9	1.1	1,268	10.8	---	24.0	On
EW-2026	0.6	0.9	909	10.2	---	24.0	On
EW-2027	0.8	1.1	1,198	7.8	---	24.0	On
EW-2028	0.8	1.0	1,097	8.8	---	24.0	On
EW-2029	0.9	1.1	1,241	6.8	---	24.0	On
EW-2030	1.6	1.7	2,257	10.1	---	24.0	On
EW-2031	1.6	1.7	2,330	10.8	---	24.0	On
EW-2032	0.5	0.8	712	9.1	---	24.0	On
EW-2033	0.6	0.7	760	9.1	---	23.7	On
EW-2034	1.0	1.0	1,412	8.2	32.9	24.0	On
EW-2035	1.2	1.2	1,702	6.5	24.1	24.0	On
EW-2036	0.9	0.9	1,250	12.9	41.7	24.0	On
EW-2037	0.7	0.8	984	3.6	46.8	24.0	On
EW-2101	18.0	18.3	25,929	10.1	73.0	24.0	On
EW-2102	13.4	13.6	19,215	17.5	72.9	24.0	On
EW-2103	13.1	13.2	18,808	18.0	52.8	24.0	On
EW-2104	40.3	40.7	58,351	14.9	68.2	24.0	On
EW-3001	0.0	0.0	0	2.2	15.8	0.0	Off
EW-3002	0.5	0.5	635	1.6	14.7	24.0	On
EW-3003	0.0	0.0	0	4.3	14.5	0.0	Off

Daily Log

August 25, 2016 12AM to August 26, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	29	1.6	---	2.8	Off
EW-3005	0.5	0.6	655	0.3	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.9	1.1	1,317	-1.0	---	24.0	On
EW-3008	0.5	0.5	650	-0.6	---	24.0	On
EW-3009	3.2	3.2	4,563	-1.4	---	24.0	On
EW-3010	0.9	1.1	1,278	-2.4	---	24.0	On
EW-3011	0.0	0.0	0	0.0	31.7	0.0	Off
EW-3012	0.6	0.6	766	-3.9	37.9	24.0	On
EW-3013	1.0	1.1	1,368	-6.5	48.5	24.0	On
EW-3014	0.0	0.4	230	-8.2	54.8	13.0	Off
EW-3015	1.1	1.2	1,514	-6.3	62.4	24.0	On
EW-3016	0.7	0.7	929	-2.5	68.8	24.0	On
EW-3017	0.0	1.0	169	-6.7	71.2	9.0	Off
EW-3018	0.0	0.6	88	-9.1	71.2	5.1	Off
EW-3019	0.9	1.1	1,322	-1.7	71.7	24.0	On
EW-3020	3.5	3.6	5,101	-2.1	53.5	24.0	On
EW-3021	0.4	0.4	541	-0.3	36.6	24.0	On
EW-3022	0.5	0.5	664	-2.5	45.0	24.0	On
EW-3023	2.9	3.0	4,255	-6.4	36.1	24.0	On
EW-3024	0.5	0.6	642	1.1	---	24.0	On
EW-3025	2.7	2.7	3,866	-4.6	47.7	24.0	On
EW-3026	3.2	3.2	4,553	-9.1	48.9	24.0	On
EW-3027	0.5	0.5	654	0.5	---	24.0	On
EW-4001	2.1	2.1	2,994	-0.7	41.7	24.0	On
EW-4002	2.1	2.3	2,953	-47.1	16.1	24.0	On
EW-4003	2.2	2.2	3,075	-29.5	---	24.0	On
EW-4004	1.6	1.7	2,272	-10.4	18.4	24.0	On
EW-4005	2.0	2.1	2,893	-16.3	---	24.0	On
EW-4006	1.3	1.4	1,928	-51.1	41.8	24.0	On
EW-4007	1.0	1.0	1,424	-6.1	46.1	24.0	On
EW-4008	2.0	2.1	2,836	-5.8	51.3	24.0	On
EW-4009	1.1	1.1	1,508	-33.0	49.9	24.0	On
EW-4010	2.0	2.1	2,984	2.5	57.2	24.0	On
EW-4011	2.2	2.3	3,106	-26.3	57.1	24.0	On
EW-5001	2.1	2.1	2,940	-22.5	---	24.0	On
EW-5002	0.0	0.0	0	5.1	24.1	0.0	Off
EW Totals	**160.1**		**229,901**				

	Value	Total (KGal)	Peak Flow
FIT-100	159 GPM	228.8	164 GPM
FIT-500	206 GPM	200.0	245 GPM
Effluent Temp	95.4 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

August 25, 2016 12AM to August 26, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	22 GPM	0.0
RC-7003	FIT-665	23 GPM	30.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 25, 2016 12AM to August 26, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	42.7
Permeate Flow	FIT-642	0 GPM	31.1
Concentrate Flow	FIT-643	0 GPM	10.9

Inlet Conductivity	CIT-630	794.9 µS
Outlet Conductivity	CIT-642	165.5 µS
Hours Run		6.8 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	96.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 26, 2016 12AM to August 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	4.3	2,844	1.6	53.4	23.8	On
EW-2002	0.9	4.7	1,327	5.5	52.2	23.8	On
EW-2003	1.5	4.3	2,129	4.8	42.1	23.8	On
EW-2004	0.6	0.6	723	9.6	34.3	23.8	On
EW-2005	0.5	1.0	627	11.3	31.7	23.8	On
EW-2006	0.9	1.1	1,191	8.3	27.6	23.8	On
EW-2007	2.1	4.9	3,046	8.2	22.6	23.8	On
EW-2008	0.7	2.6	783	2.4	24.9	22.3	On
EW-2009	1.2	5.3	1,649	3.4	24.7	23.7	On
EW-2010	0.0	0.6	280	5.9	23.8	15.6	Off
EW-2011	0.4	0.7	361	8.8	22.4	17.8	On
EW-2012	0.0	0.5	184	12.8	11.7	10.6	Off
EW-2013	0.4	0.8	389	17.8	11.7	18.8	On
EW-2014	1.2	4.4	1,653	12.9	9.3	23.9	On
EW-2015	0.5	0.8	637	14.1	9.4	22.5	On
EW-2016	0.6	0.7	788	11.1	---	23.9	On
EW-2017	1.5	4.6	2,198	12.2	---	23.9	On
EW-2018	0.7	4.7	956	10.8	---	23.9	On
EW-2019	0.0	0.3	217	13.2	---	12.2	Off
EW-2020	0.4	0.5	353	11.2	---	18.3	On
EW-2021	0.3	0.4	274	11.7	---	15.0	On
EW-2022	0.4	0.5	510	11.3	---	22.9	On
EW-2023	0.5	0.6	519	11.4	---	20.4	On
EW-2024	0.0	0.6	311	11.6	---	15.2	Off
EW-2025	0.9	5.3	1,268	10.8	---	23.8	On
EW-2026	0.6	4.4	909	10.2	---	23.9	On
EW-2027	0.8	5.8	1,199	7.8	---	23.9	On
EW-2028	0.8	5.2	1,097	8.8	---	23.9	On
EW-2029	0.9	6.3	1,239	6.8	---	23.9	On
EW-2030	1.6	7.3	2,255	10.3	---	23.9	On
EW-2031	1.7	7.6	2,321	11.0	---	23.9	On
EW-2032	0.5	3.6	716	9.1	---	23.9	On
EW-2033	0.6	0.7	772	9.3	---	23.7	On
EW-2034	1.0	3.0	1,413	8.3	31.2	23.9	On
EW-2035	0.5	2.0	1,400	14.3	17.8	23.9	On
EW-2036	0.9	2.3	1,276	12.8	14.8	23.7	On
EW-2037	0.7	6.5	985	3.6	11.2	23.7	On
EW-2101	18.6	22.6	21,611	9.9	72.2	19.8	On
EW-2102	13.2	15.0	15,859	17.5	71.9	19.8	On
EW-2103	0.0	39.3	11,578	6.9	0.0	16.3	Off
EW-2104	0.0	40.5	25,775	-1.1	0.0	16.3	Off
EW-3001	0.0	0.6	4	2.2	11.5	0.2	Off
EW-3002	0.5	0.6	630	1.6	10.5	23.7	On
EW-3003	0.0	0.0	0	4.3	10.3	0.0	Off

Daily Log

August 26, 2016 12AM to August 27, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	26	1.5	---	2.1	Off
EW-3005	0.5	0.6	653	0.3	---	23.7	On
EW-3006	0.0	0.6	3	1.4	---	0.1	Off
EW-3007	1.0	6.0	1,344	-0.8	---	23.7	On
EW-3008	0.5	0.6	648	-0.5	---	23.7	On
EW-3009	3.4	6.9	4,705	-1.5	---	23.7	On
EW-3010	1.0	5.9	1,317	-2.4	---	23.7	On
EW-3011	0.0	0.7	10	0.0	29.8	0.4	Off
EW-3012	0.6	1.6	760	-3.8	35.9	23.7	On
EW-3013	1.0	4.3	1,374	-6.5	46.2	23.7	On
EW-3014	0.0	2.0	231	-8.1	52.7	12.8	Off
EW-3015	1.0	5.3	1,519	-6.3	60.8	23.6	On
EW-3016	0.7	1.2	983	-4.2	67.6	23.7	On
EW-3017	0.0	0.9	167	-5.3	70.4	8.8	Off
EW-3018	0.3	0.6	88	-8.9	70.3	5.0	On
EW-3019	0.8	3.7	1,313	-1.4	70.9	23.7	On
EW-3020	3.6	6.1	5,029	-2.1	52.1	23.7	On
EW-3021	0.4	1.3	494	0.6	16.4	22.8	On
EW-3022	0.5	4.6	684	-2.4	24.9	23.7	On
EW-3023	2.9	6.0	4,143	-6.4	34.2	23.7	On
EW-3024	0.5	0.6	638	1.1	---	23.7	On
EW-3025	2.7	5.9	3,848	-4.5	27.6	23.7	On
EW-3026	3.2	4.3	4,530	-9.2	28.9	23.7	On
EW-3027	0.5	0.6	653	0.4	---	23.7	On
EW-4001	2.2	2.9	3,030	0.3	14.9	23.7	On
EW-4002	2.2	6.6	2,945	-47.1	12.0	23.7	On
EW-4003	2.0	2.8	2,929	-25.5	---	23.7	On
EW-4004	1.6	1.9	2,288	-9.4	17.1	23.7	On
EW-4005	2.0	2.2	2,842	-13.7	---	23.7	On
EW-4006	1.3	5.0	1,931	-50.9	21.6	23.7	On
EW-4007	1.0	1.3	1,449	-4.9	26.1	23.7	On
EW-4008	0.0	3.0	1,982	-66.5	0.0	16.3	Off
EW-4009	0.0	2.0	1,031	0.0	47.0	16.3	Off
EW-4010	0.0	2.5	2,716	5.0	12.4	19.8	Off
EW-4011	0.0	2.7	2,629	4.7	12.0	19.8	Off
EW-5001	2.0	2.2	2,859	-20.9	---	23.7	On
EW-5002	0.0	0.0	0	5.1	18.4	0.0	Off
EW Totals	**100.1**		**180,048**				

	Value	Total (KGal)	Peak Flow
FIT-100	99 GPM	179.3	179 GPM
FIT-500	0 GPM	153.6	239 GPM
Effluent Temp	95.9 °F		
Effluent pH	6.3		

Recharge and Injection Daily Report

August 26, 2016 12AM to August 27, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	5 GPM	23.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 26, 2016 12AM to August 27, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	34.7
Permeate Flow	FIT-642	0 GPM	25.1
Concentrate Flow	FIT-643	0 GPM	8.9

Inlet Conductivity	CIT-630	910.9 µS
Outlet Conductivity	CIT-642	162.6 µS
Hours Run		7.8 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	96.1 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 27, 2016 12AM to August 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.1	4.2	2,933	1.4	57.0	23.7	On
EW-2002	1.0	4.7	1,382	5.3	55.8	23.7	On
EW-2003	1.5	3.9	2,504	4.7	44.9	23.7	On
EW-2004	0.6	0.7	798	9.7	36.5	23.7	On
EW-2005	0.4	0.6	619	11.5	34.2	23.7	On
EW-2006	0.9	1.0	1,227	8.7	29.8	23.7	On
EW-2007	2.2	4.8	3,104	8.0	25.0	23.7	On
EW-2008	0.6	2.7	837	2.6	27.8	23.7	On
EW-2009	1.2	5.1	1,714	3.6	27.9	23.7	On
EW-2010	0.3	0.6	359	5.8	26.6	19.2	On
EW-2011	0.3	0.6	376	9.3	25.1	18.9	On
EW-2012	0.0	0.5	187	12.1	16.8	10.8	Off
EW-2013	0.3	0.5	428	18.5	16.8	20.4	On
EW-2014	1.1	4.6	1,652	12.9	24.1	23.7	On
EW-2015	0.5	0.5	658	11.6	17.6	23.0	On
EW-2016	0.4	0.6	779	11.2	---	23.7	On
EW-2017	1.5	4.6	2,202	12.2	---	23.7	On
EW-2018	0.7	7.5	956	11.2	---	23.7	On
EW-2019	0.3	0.4	220	11.3	---	12.4	On
EW-2020	0.0	0.4	353	12.0	---	18.1	Off
EW-2021	0.3	0.3	270	11.9	---	14.8	On
EW-2022	0.3	0.4	520	11.8	---	23.3	On
EW-2023	0.4	0.5	514	11.1	---	20.2	On
EW-2024	0.0	0.5	314	11.1	---	15.2	Off
EW-2025	0.6	7.1	1,270	11.2	---	23.7	On
EW-2026	0.6	7.3	913	10.6	---	23.7	On
EW-2027	0.8	7.3	1,211	8.2	---	23.7	On
EW-2028	0.7	7.2	1,108	9.2	---	23.7	On
EW-2029	0.9	7.2	1,246	7.2	---	23.7	On
EW-2030	1.4	7.3	2,263	10.3	---	23.7	On
EW-2031	1.5	7.6	2,366	11.0	---	23.7	On
EW-2032	0.5	6.6	725	9.5	---	23.7	On
EW-2033	0.4	0.7	775	9.5	---	23.7	On
EW-2034	1.0	2.4	1,451	8.2	33.2	23.7	On
EW-2035	0.8	1.3	970	10.8	24.0	23.7	On
EW-2036	1.0	1.9	1,391	12.7	42.3	23.7	On
EW-2037	0.6	6.6	1,028	3.7	47.4	23.7	On
EW-2101	18.2	20.5	26,694	10.0	73.1	23.7	On
EW-2102	12.7	14.3	18,965	17.6	72.6	23.7	On
EW-2103	12.8	19.3	6,472	6.9	53.1	8.3	On
EW-2104	39.9	40.5	19,657	-1.1	68.5	8.2	On
EW-3001	0.0	0.5	3	2.5	16.6	0.2	Off
EW-3002	0.3	0.5	614	2.0	15.6	23.7	On
EW-3003	0.0	0.0	0	4.3	15.4	0.0	Off

Daily Log

August 27, 2016 12AM to August 28, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	300	1.5	---	12.3	Off
EW-3005	0.3	0.6	654	0.4	---	23.7	On
EW-3006	0.0	0.6	81	1.4	---	3.4	Off
EW-3007	0.8	6.0	1,788	-0.7	---	23.7	On
EW-3008	0.3	0.5	646	-0.4	---	23.7	On
EW-3009	3.6	6.9	5,948	-1.5	---	23.7	On
EW-3010	0.8	5.9	1,675	-2.1	---	23.7	On
EW-3011	0.0	0.8	367	-0.2	32.0	10.9	Off
EW-3012	0.4	0.7	422	-3.6	37.8	13.6	On
EW-3013	0.9	4.2	1,472	-6.4	48.0	23.7	On
EW-3014	0.3	0.6	238	-8.5	54.2	13.2	On
EW-3015	1.0	3.5	1,552	-6.2	62.1	23.7	On
EW-3016	0.7	0.8	994	-4.0	68.8	23.7	On
EW-3017	0.0	0.9	172	-6.4	71.3	9.1	Off
EW-3018	0.0	0.8	89	-9.2	71.1	5.0	Off
EW-3019	0.9	3.9	809	-1.5	71.8	13.6	On
EW-3020	3.7	5.9	3,009	-2.2	55.6	13.6	On
EW-3021	0.3	0.7	548	-0.2	37.9	23.4	On
EW-3022	0.5	5.2	481	-2.5	47.3	13.6	On
EW-3023	3.0	6.3	2,522	-6.3	36.5	13.6	On
EW-3024	0.3	0.5	640	1.4	---	23.7	On
EW-3025	2.9	5.5	2,362	-4.6	50.3	13.6	On
EW-3026	3.3	4.6	2,652	-9.2	51.8	13.6	On
EW-3027	0.3	0.5	651	0.6	---	23.7	On
EW-4001	2.0	2.3	2,931	0.4	42.3	23.7	On
EW-4002	2.1	6.7	2,966	-46.8	17.1	23.7	On
EW-4003	1.8	2.8	2,764	-26.1	---	23.7	On
EW-4004	1.6	1.8	2,278	-11.2	19.5	23.7	On
EW-4005	1.9	2.0	2,753	-14.4	---	23.7	On
EW-4006	1.3	6.2	1,974	-51.1	43.7	23.7	On
EW-4007	1.1	1.5	1,466	-5.5	48.3	23.7	On
EW-4008	2.1	2.2	969	-66.5	51.7	8.2	On
EW-4009	1.0	3.5	704	-26.3	49.6	11.8	On
EW-4010	2.0	2.4	2,382	3.5	57.9	18.4	On
EW-4011	2.2	3.0	2,298	-23.5	57.7	18.4	On
EW-5001	1.9	2.1	2,770	-21.6	---	23.7	On
EW-5002	0.0	0.0	0	5.3	24.0	0.0	Off
EW Totals	**157.4**		**170,358**				

	Value	Total (KGal)	Peak Flow
FIT-100	156 GPM	169.4	177 GPM
FIT-500	0 GPM	166.1	238 GPM
Effluent Temp	95.6 °F		
Effluent pH	6.6		

Recharge and Injection Daily Report

August 27, 2016 12AM to August 28, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	5 GPM	0.0
RC-7003	FIT-665	5 GPM	7.1
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 27, 2016 12AM to August 28, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	10.6
Permeate Flow	FIT-642	0 GPM	7.6
Concentrate Flow	FIT-643	0 GPM	2.8

Inlet Conductivity	CIT-630	874.4 µS
Outlet Conductivity	CIT-642	157.7 µS
Hours Run		5.2 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.9 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 28, 2016 12AM to August 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,955	1.6	55.6	24.0	On
EW-2002	0.9	1.0	1,376	5.5	54.5	24.0	On
EW-2003	1.5	1.6	2,155	5.0	43.9	24.0	On
EW-2004	0.5	0.6	797	10.4	35.7	24.0	On
EW-2005	0.4	0.5	591	11.6	32.9	24.0	On
EW-2006	0.8	0.9	1,221	9.2	29.1	24.0	On
EW-2007	2.2	2.3	3,166	8.1	24.5	24.0	On
EW-2008	0.5	0.7	813	2.6	26.8	24.0	On
EW-2009	1.1	1.4	1,713	3.6	27.0	24.0	On
EW-2010	0.3	0.5	309	6.1	25.8	17.3	On
EW-2011	0.3	0.5	374	9.3	24.3	18.3	On
EW-2012	0.0	0.3	188	12.1	16.2	11.0	Off
EW-2013	0.0	0.5	434	17.4	16.2	20.6	Off
EW-2014	1.1	1.2	1,670	12.8	23.8	24.0	On
EW-2015	0.5	0.5	702	11.5	17.4	24.0	On
EW-2016	0.4	0.6	787	11.1	---	24.0	On
EW-2017	1.5	1.6	2,222	12.2	---	24.0	On
EW-2018	0.6	1.0	957	11.2	---	24.0	On
EW-2019	0.0	0.3	219	11.2	---	12.4	Off
EW-2020	0.3	0.4	351	11.9	---	17.9	On
EW-2021	0.3	0.3	270	13.6	---	14.8	On
EW-2022	0.3	0.4	511	11.6	---	23.1	On
EW-2023	0.4	0.5	520	11.6	---	20.5	On
EW-2024	0.3	0.5	310	11.3	---	15.1	On
EW-2025	0.6	1.1	1,279	11.0	---	24.0	On
EW-2026	0.3	1.0	915	10.5	---	24.0	On
EW-2027	0.5	1.2	1,214	8.1	---	24.0	On
EW-2028	0.4	1.1	1,112	9.1	---	24.0	On
EW-2029	0.6	1.2	1,253	7.0	---	24.0	On
EW-2030	1.5	1.7	2,294	10.2	---	24.0	On
EW-2031	1.5	1.8	2,393	10.9	---	24.0	On
EW-2032	0.0	0.8	721	9.3	---	24.0	On
EW-2033	0.4	0.7	779	9.3	---	24.0	On
EW-2034	1.0	1.3	1,460	8.2	32.0	24.0	On
EW-2035	0.8	0.9	1,157	11.2	18.9	24.0	On
EW-2036	0.9	1.0	1,396	12.9	41.9	24.0	On
EW-2037	0.6	0.8	1,023	3.7	46.9	24.0	On
EW-2101	18.4	23.6	27,019	10.1	72.6	24.0	On
EW-2102	12.3	13.6	17,097	17.6	71.6	24.0	On
EW-2103	12.8	13.2	18,795	6.9	52.7	24.0	On
EW-2104	40.0	40.2	57,606	-1.1	67.9	24.0	On
EW-3001	0.0	0.0	0	2.3	16.1	0.0	Off
EW-3002	0.4	0.5	624	1.7	15.2	24.0	On
EW-3003	0.0	0.0	0	4.3	15.1	0.0	Off

Daily Log

August 28, 2016 12AM to August 29, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.0	0	1.4	---	0.0	Off
EW-3005	0.3	0.6	657	0.3	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	1.1	1,456	-0.9	---	24.0	On
EW-3008	0.3	0.5	652	-0.6	---	24.0	On
EW-3009	3.4	3.6	5,060	-1.5	---	24.0	On
EW-3010	0.8	1.2	1,438	-2.2	---	24.0	On
EW-3011	0.0	0.0	0	0.0	30.6	0.0	Off
EW-3012	0.5	0.8	763	-3.8	36.3	24.0	On
EW-3013	0.9	2.1	1,381	-6.5	46.1	24.0	On
EW-3014	0.0	0.5	231	-7.9	52.2	12.9	Off
EW-3015	1.1	1.9	1,554	-6.3	60.4	24.0	On
EW-3016	0.6	1.0	797	0.4	67.7	24.0	On
EW-3017	0.0	0.8	172	-5.3	70.7	9.2	Off
EW-3018	0.0	0.6	89	-9.4	70.5	5.1	Off
EW-3019	0.9	2.4	1,351	-1.6	71.1	24.0	On
EW-3020	3.7	3.7	5,315	-2.2	54.3	24.0	On
EW-3021	0.3	0.4	507	-0.2	37.2	23.9	On
EW-3022	0.5	0.6	775	-2.6	46.0	24.0	On
EW-3023	2.8	3.7	4,241	-6.4	35.1	24.0	On
EW-3024	0.3	0.5	643	1.1	---	24.0	On
EW-3025	2.8	3.0	4,126	-4.6	48.8	24.0	On
EW-3026	3.2	3.3	4,603	-9.2	50.2	24.0	On
EW-3027	0.3	0.5	654	0.5	---	24.0	On
EW-4001	2.1	2.1	2,991	0.0	41.9	24.0	On
EW-4002	2.0	2.3	2,973	-46.8	16.5	24.0	On
EW-4003	1.8	2.0	2,837	-26.7	---	24.0	On
EW-4004	1.5	1.8	2,385	-10.3	18.8	24.0	On
EW-4005	1.9	2.1	2,849	-14.9	---	24.0	On
EW-4006	1.3	1.5	1,959	-51.1	42.6	24.0	On
EW-4007	1.1	1.1	1,543	-5.7	47.1	24.0	On
EW-4008	2.0	2.2	3,004	-66.5	51.2	24.0	On
EW-4009	1.0	1.3	931	-24.5	47.8	16.0	On
EW-4010	2.0	2.0	2,901	3.2	57.4	24.0	On
EW-4011	2.2	2.3	3,159	-24.9	57.2	24.0	On
EW-5001	1.9	2.1	2,911	-22.0	---	24.0	On
EW-5002	0.0	0.0	0	5.3	19.8	0.0	Off
EW Totals	**153.8**		**229,660**				

	Value	Total (KGal)	Peak Flow
FIT-100	153 GPM	228.4	165 GPM
FIT-500	202 GPM	225.8	240 GPM
Effluent Temp	95.2 °F		
Effluent pH	6.5		

Recharge and Injection Daily Report

August 28, 2016 12AM to August 29, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	5 GPM	0.0
RC-7003	FIT-665	5 GPM	7.0
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 28, 2016 12AM to August 29, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	10.6
Permeate Flow	FIT-642	0 GPM	7.6
Concentrate Flow	FIT-643	0 GPM	2.8

Inlet Conductivity	CIT-630	804.4 µS
Outlet Conductivity	CIT-642	142.7 µS
Hours Run		1.7 hrs
Recharge Tank pH	AIT-660A	5.6
Recharge Tank Temp	TIT-660C	94.6 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 29, 2016 12AM to August 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	3.4	2,934	1.4	56.4	23.9	On
EW-2002	0.9	4.6	1,370	5.5	55.1	23.9	On
EW-2003	1.5	3.8	2,176	4.8	44.6	23.9	On
EW-2004	0.5	0.6	775	10.0	36.3	23.9	On
EW-2005	0.4	0.5	612	11.6	33.6	23.9	On
EW-2006	0.8	0.9	1,176	9.1	29.6	23.9	On
EW-2007	2.1	4.8	3,138	8.1	24.8	23.9	On
EW-2008	0.5	2.6	806	2.2	27.0	23.7	On
EW-2009	1.2	5.1	1,693	3.6	27.2	23.9	On
EW-2010	0.3	0.6	285	5.7	26.1	16.2	On
EW-2011	0.3	0.6	372	9.4	24.7	18.6	On
EW-2012	0.0	0.5	186	12.9	16.8	10.8	Off
EW-2013	0.3	0.6	420	17.6	16.7	20.3	On
EW-2014	1.1	4.2	1,672	13.0	24.2	24.0	On
EW-2015	0.5	0.7	693	11.6	17.7	24.0	On
EW-2016	0.4	0.6	784	11.4	---	24.0	On
EW-2017	1.5	4.6	2,218	12.3	---	24.0	On
EW-2018	0.7	2.8	958	11.2	---	24.0	On
EW-2019	0.3	0.4	217	13.0	---	12.3	On
EW-2020	0.3	0.4	351	11.1	---	18.0	On
EW-2021	0.3	0.3	273	12.0	---	15.0	On
EW-2022	0.3	0.5	516	11.3	---	23.4	On
EW-2023	0.4	0.5	521	11.0	---	20.6	On
EW-2024	0.3	0.5	312	12.0	---	15.1	On
EW-2025	0.9	3.3	1,281	11.2	---	24.0	On
EW-2026	0.6	2.5	917	10.6	---	24.0	On
EW-2027	0.8	3.4	1,213	8.2	---	24.0	On
EW-2028	0.8	3.1	1,112	9.2	---	24.0	On
EW-2029	0.9	3.6	1,251	7.2	---	24.0	On
EW-2030	1.5	6.1	2,293	10.5	---	24.0	On
EW-2031	1.5	6.4	2,380	11.2	---	24.0	On
EW-2032	0.5	1.8	726	9.5	---	24.0	On
EW-2033	0.4	0.7	776	9.6	---	24.0	On
EW-2034	1.0	2.4	1,446	8.4	32.5	24.0	On
EW-2035	0.7	0.9	916	12.5	21.4	24.0	On
EW-2036	0.9	1.4	1,357	12.8	42.4	23.9	On
EW-2037	0.6	4.1	1,005	3.9	47.6	23.9	On
EW-2101	17.7	24.8	26,394	10.7	74.5	23.9	On
EW-2102	13.6	17.1	17,969	17.7	74.5	23.2	On
EW-2103	12.9	20.1	17,514	18.3	53.8	22.4	On
EW-2104	41.2	44.5	54,521	15.3	70.4	22.4	On
EW-3001	0.0	0.0	0	2.3	16.5	0.0	Off
EW-3002	0.3	0.6	625	1.8	15.6	23.9	On
EW-3003	0.0	0.0	0	4.3	15.6	0.0	Off

Daily Log

August 29, 2016 12AM to August 30, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	4	1.5	---	0.3	Off
EW-3005	0.3	0.6	654	0.4	---	23.9	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	0.8	4.3	1,444	-0.7	---	23.9	On
EW-3008	0.3	0.6	648	-0.3	---	23.9	On
EW-3009	3.4	6.6	5,003	-1.5	---	23.9	On
EW-3010	0.9	5.0	1,421	-2.0	---	23.9	On
EW-3011	0.0	0.4	5	0.1	31.2	0.5	Off
EW-3012	0.4	0.8	768	-3.4	36.8	23.9	On
EW-3013	0.9	4.2	1,377	-6.1	46.7	23.9	On
EW-3014	0.0	0.8	232	-8.7	52.9	12.9	Off
EW-3015	1.0	3.9	1,539	-5.9	61.5	23.9	On
EW-3016	0.7	1.1	911	-3.5	69.9	23.9	On
EW-3017	0.3	0.7	174	-6.2	72.7	9.3	On
EW-3018	0.0	0.7	88	-8.9	72.6	5.0	Off
EW-3019	0.9	3.0	1,344	-1.4	73.2	23.9	On
EW-3020	3.7	5.3	5,275	-2.2	55.0	23.9	On
EW-3021	0.3	0.7	505	-0.1	37.7	23.7	On
EW-3022	0.5	3.5	760	-2.5	46.4	23.9	On
EW-3023	2.7	5.7	4,063	-6.4	35.8	23.9	On
EW-3024	0.4	0.5	641	1.4	---	23.9	On
EW-3025	2.8	5.2	4,037	-4.6	49.1	23.9	On
EW-3026	3.2	4.0	4,549	-9.2	50.5	23.9	On
EW-3027	0.3	0.5	651	0.5	---	23.9	On
EW-4001	2.0	2.6	2,894	0.2	42.4	23.9	On
EW-4002	2.1	6.2	2,967	-46.8	16.8	23.9	On
EW-4003	1.8	7.3	2,811	-26.0	---	23.9	On
EW-4004	1.4	1.8	2,294	-9.3	19.1	23.9	On
EW-4005	1.8	2.1	2,807	-14.2	---	23.9	On
EW-4006	1.3	3.8	1,951	-51.1	43.0	23.9	On
EW-4007	1.0	1.2	1,502	-5.7	47.4	23.9	On
EW-4008	1.8	2.7	2,644	-17.4	52.4	22.3	On
EW-4009	1.0	3.9	1,282	-22.0	48.3	21.7	On
EW-4010	2.0	2.4	2,746	3.1	57.7	22.5	On
EW-4011	2.1	3.0	2,863	-22.7	57.5	22.5	On
EW-5001	1.8	2.2	2,854	-20.7	---	23.9	On
EW-5002	0.0	0.0	0	5.4	21.7	0.0	Off
EW Totals	**158.0**		**223,863**				

	Value	Total (KGal)	Peak Flow
FIT-100	158 GPM	222.4	172 GPM
FIT-500	209 GPM	198.7	242 GPM
Effluent Temp	94.9 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

August 29, 2016 12AM to August 30, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	23 GPM	0.0
RC-7003	FIT-665	23 GPM	20.2
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 29, 2016 12AM to August 30, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	30.2
Permeate Flow	FIT-642	0 GPM	21.9
Concentrate Flow	FIT-643	0 GPM	7.8

Inlet Conductivity	CIT-630	782.1 µS
Outlet Conductivity	CIT-642	25.2 µS
Hours Run		1.8 hrs
Recharge Tank pH	AIT-660A	5.4
Recharge Tank Temp	TIT-660C	95.7 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 30, 2016 12AM to August 31, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	2.0	2.1	2,900	1.8	55.1	24.0	On
EW-2002	0.9	1.1	1,352	5.6	53.9	24.0	On
EW-2003	1.5	1.6	2,165	5.1	43.6	24.0	On
EW-2004	0.5	0.6	792	10.4	35.3	24.0	On
EW-2005	0.5	0.5	592	11.7	32.7	24.0	On
EW-2006	0.8	0.9	1,150	9.6	28.5	24.0	On
EW-2007	2.2	2.3	3,114	8.0	23.8	24.0	On
EW-2008	0.6	0.7	803	2.0	25.3	24.0	On
EW-2009	1.2	1.3	1,681	3.4	25.5	24.0	On
EW-2010	0.0	0.5	280	6.3	24.3	15.9	Off
EW-2011	0.0	0.5	372	8.6	22.8	18.2	Off
EW-2012	0.0	0.3	191	12.3	15.9	11.1	Off
EW-2013	0.4	0.5	418	17.9	16.0	20.5	On
EW-2014	1.2	1.3	1,676	12.8	23.5	24.0	On
EW-2015	0.5	0.5	672	12.2	16.8	24.0	On
EW-2016	0.6	0.6	776	11.1	---	24.0	On
EW-2017	1.5	1.6	2,214	12.3	---	24.0	On
EW-2018	0.7	1.0	959	10.8	---	24.0	On
EW-2019	0.3	0.3	220	12.3	---	12.5	On
EW-2020	0.3	0.4	352	10.7	---	18.1	On
EW-2021	0.0	0.3	273	11.9	---	15.0	Off
EW-2022	0.4	0.4	522	11.4	---	23.8	On
EW-2023	0.4	0.5	521	12.9	---	20.7	On
EW-2024	0.3	0.5	315	11.4	---	15.6	On
EW-2025	0.9	1.1	1,281	10.8	---	24.0	On
EW-2026	0.6	0.9	917	10.2	---	24.0	On
EW-2027	0.9	1.1	1,211	7.8	---	24.0	On
EW-2028	0.8	1.0	1,110	8.8	---	24.0	On
EW-2029	0.9	1.1	1,250	6.8	---	24.0	On
EW-2030	1.6	1.8	2,291	10.2	---	24.0	On
EW-2031	1.7	1.8	2,369	10.8	---	24.0	On
EW-2032	0.5	0.8	727	9.1	---	24.0	On
EW-2033	0.6	0.6	773	9.3	---	24.0	On
EW-2034	1.0	1.4	1,443	8.0	32.5	24.0	On
EW-2035	1.2	3.0	1,262	6.6	35.7	23.2	On
EW-2036	0.9	1.2	1,340	12.7	42.2	24.0	On
EW-2037	0.7	0.8	1,001	3.9	47.4	24.0	On
EW-2101	17.3	18.7	23,043	10.9	75.4	24.0	On
EW-2102	13.7	16.7	19,348	17.7	75.8	24.0	On
EW-2103	13.1	13.2	18,783	18.2	53.7	24.0	On
EW-2104	41.1	41.5	59,213	15.1	70.0	24.0	On
EW-3001	0.0	0.0	0	2.4	15.8	0.0	Off
EW-3002	0.4	0.5	607	1.8	14.8	24.0	On
EW-3003	0.0	0.0	0	4.3	14.5	0.0	Off

Daily Log

August 30, 2016 12AM to August 31, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.5	4	1.6	---	0.4	Off
EW-3005	0.5	0.5	646	0.3	---	24.0	On
EW-3006	0.0	0.0	0	1.4	---	0.0	Off
EW-3007	1.0	1.1	1,437	-0.9	---	24.0	On
EW-3008	0.5	0.5	637	-0.6	---	24.0	On
EW-3009	3.4	3.6	5,002	-1.5	---	24.0	On
EW-3010	1.0	1.7	1,416	-2.4	---	24.0	On
EW-3011	0.2	0.5	15	-0.2	31.1	1.5	On
EW-3012	0.5	0.8	758	-3.2	36.8	24.0	On
EW-3013	1.0	2.3	1,379	-6.3	46.7	24.0	On
EW-3014	0.3	0.6	230	-7.6	53.0	13.0	On
EW-3015	1.1	4.2	1,531	-6.1	62.0	23.9	On
EW-3016	0.7	1.1	963	-2.8	71.1	24.0	On
EW-3017	0.0	1.0	174	-7.5	73.9	9.3	Off
EW-3018	0.0	0.9	88	-9.5	73.6	5.1	Off
EW-3019	1.0	2.9	1,340	-1.6	74.3	24.0	On
EW-3020	3.6	3.7	5,240	-1.8	53.8	24.0	On
EW-3021	0.3	0.5	497	0.0	37.4	23.8	On
EW-3022	0.5	1.3	756	-2.4	46.3	24.0	On
EW-3023	2.7	3.9	3,980	-6.2	36.0	24.0	On
EW-3024	0.5	0.5	636	1.1	---	24.0	On
EW-3025	2.8	5.5	4,015	-4.5	49.0	23.9	On
EW-3026	3.2	3.7	4,564	-9.1	50.4	24.0	On
EW-3027	0.5	0.5	641	0.5	---	24.0	On
EW-4001	2.1	2.2	2,918	0.1	42.2	24.0	On
EW-4002	2.1	2.2	2,968	-47.2	16.2	24.0	On
EW-4003	2.0	2.0	2,796	-26.5	---	24.0	On
EW-4004	1.6	1.8	2,265	-9.7	18.3	24.0	On
EW-4005	1.9	2.1	2,771	-14.5	---	24.0	On
EW-4006	1.4	2.1	1,943	-50.9	42.8	24.0	On
EW-4007	1.1	1.2	1,536	-5.8	47.4	24.0	On
EW-4008	2.0	2.2	2,790	-17.5	52.2	24.0	On
EW-4009	1.0	1.4	1,472	-24.3	48.3	24.0	On
EW-4010	2.0	2.1	2,942	3.2	57.5	24.0	On
EW-4011	2.1	2.2	3,034	-23.6	57.1	24.0	On
EW-5001	2.0	2.1	2,809	-20.7	---	24.0	On
EW-5002	0.0	0.0	0	5.4	24.3	0.0	Off
EW Totals	**161.2**		**228,478**				

	Value	Total (KGal)	Peak Flow
FIT-100	161 GPM	227.9	165 GPM
FIT-500	202 GPM	203.7	243 GPM
Effluent Temp	95.0 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

August 30, 2016 12AM to August 31, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	7 GPM	0.0
RC-7003	FIT-665	7 GPM	29.7
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 30, 2016 12AM to August 31, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	43.3
Permeate Flow	FIT-642	0 GPM	31.4
Concentrate Flow	FIT-643	0 GPM	11.1

Inlet Conductivity	CIT-630	835.4 µS
Outlet Conductivity	CIT-642	69.5 µS
Hours Run		5.1 hrs
Recharge Tank pH	AIT-660A	5.5
Recharge Tank Temp	TIT-660C	95.4 ℉

Note to operator: Please print out manual daily log and populate fields.

LOCKHEED MARTIN

Tallevast Treatment Facility

Daily Log

August 31, 2016 12AM to September 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-2001	1.8	4.1	2,951	12.6	72.9	23.9	On
EW-2002	1.6	4.5	1,566	5.3	72.1	23.9	On
EW-2003	2.3	4.0	2,414	4.7	57.2	23.9	On
EW-2004	0.6	0.7	753	14.6	44.3	23.9	On
EW-2005	0.5	0.5	603	19.9	40.7	23.9	On
EW-2006	0.9	2.5	1,141	21.5	35.0	23.9	On
EW-2007	4.1	4.9	3,960	7.9	28.8	23.9	On
EW-2008	0.7	2.7	1,021	2.1	36.7	23.9	On
EW-2009	2.5	5.2	2,696	3.4	37.0	23.9	On
EW-2010	0.8	4.3	677	8.7	34.5	21.4	On
EW-2011	0.5	0.6	485	24.5	32.7	21.3	On
EW-2012	0.3	0.5	284	13.2	16.0	15.6	On
EW-2013	0.4	1.8	508	18.5	16.1	22.5	On
EW-2014	1.3	4.3	1,754	12.8	21.1	23.9	On
EW-2015	0.5	0.6	661	12.8	15.6	23.9	On
EW-2016	0.6	0.6	769	11.7	---	23.9	On
EW-2017	1.6	4.5	2,255	12.1	---	23.9	On
EW-2018	0.7	3.1	983	10.8	---	23.9	On
EW-2019	0.0	0.3	225	11.5	---	12.8	Off
EW-2020	0.0	0.5	358	11.2	---	18.5	Off
EW-2021	0.3	0.3	289	11.5	---	15.8	On
EW-2022	0.4	0.5	533	11.6	---	23.9	On
EW-2023	0.4	0.5	547	10.7	---	21.7	On
EW-2024	0.3	0.5	352	9.8	---	17.1	On
EW-2025	0.9	3.6	1,307	10.8	---	23.9	On
EW-2026	0.7	2.7	927	10.2	---	23.9	On
EW-2027	0.9	3.7	1,234	7.8	---	23.9	On
EW-2028	0.8	3.4	1,135	8.8	---	23.9	On
EW-2029	0.9	4.0	1,268	6.8	---	23.9	On
EW-2030	1.7	6.8	2,342	10.1	---	23.9	On
EW-2031	1.8	7.2	2,432	10.8	---	23.9	On
EW-2032	0.5	2.1	743	9.1	---	23.9	On
EW-2033	0.6	0.6	771	10.0	---	23.9	On
EW-2034	1.0	2.0	1,540	9.5	26.9	23.9	On
EW-2035	1.3	2.5	1,801	6.6	47.7	23.9	On
EW-2036	0.8	1.8	1,253	25.3	36.9	22.8	On
EW-2037	0.8	5.3	1,058	3.6	41.8	23.9	On
EW-2101	0.0	17.5	12,801	8.9	0.0	23.9	On
EW-2102	0.0	13.9	10,074	0.0	0.0	12.4	Off
EW-2103	0.0	17.1	13,043	21.0	0.0	23.9	On
EW-2104	0.0	42.8	41,046	18.6	0.0	23.9	On
EW-3001	0.3	0.6	119	2.4	15.9	6.3	On
EW-3002	0.4	1.2	591	2.1	14.6	23.9	On
EW-3003	0.0	0.6	9	4.3	14.2	0.9	Off

Daily Log

August 31, 2016 12AM to September 1, 2016 12AM

EW ID	Rate (GPM)	Peak Rate (GPM)	Total (Gallons)	Level (Feet)	Pressure (PSI)	Daily Hours	On/Off
EW-3004	0.0	0.6	155	1.6	---	9.0	Off
EW-3005	0.5	0.6	640	0.6	---	23.9	On
EW-3006	0.0	0.5	1	1.4	---	0.0	Off
EW-3007	1.2	5.6	1,563	-1.0	---	23.8	On
EW-3008	0.5	0.5	632	-0.3	---	23.9	On
EW-3009	3.9	6.8	5,273	-1.6	---	23.9	On
EW-3010	1.1	5.9	1,552	-2.4	---	23.8	On
EW-3011	0.4	0.6	206	-0.4	25.5	13.9	On
EW-3012	0.6	0.8	754	-3.6	28.5	23.9	On
EW-3013	1.0	4.8	1,459	-6.3	34.7	23.8	On
EW-3014	0.3	0.7	280	-8.7	38.4	15.3	On
EW-3015	1.2	6.9	1,682	-6.2	43.1	23.9	On
EW-3016	0.0	0.8	506	0.0	0.0	12.4	Off
EW-3017	0.0	0.9	88	14.4	0.0	4.7	Off
EW-3018	0.0	0.6	45	5.1	0.0	2.6	Off
EW-3019	0.0	1.1	688	-1.4	0.0	23.9	On
EW-3020	4.5	5.5	5,486	-2.2	71.7	23.9	On
EW-3021	0.5	0.7	546	0.2	34.6	23.9	On
EW-3022	0.6	4.2	826	-2.6	44.5	23.9	On
EW-3023	2.7	5.7	4,003	-6.5	28.9	23.8	On
EW-3024	0.5	0.6	629	1.5	---	23.9	On
EW-3025	3.0	5.2	4,131	-4.6	47.6	23.9	On
EW-3026	3.3	4.2	4,633	-9.1	49.0	23.9	On
EW-3027	0.5	0.5	635	0.8	---	23.9	On
EW-4001	2.1	2.3	2,901	1.0	37.0	23.8	On
EW-4002	2.1	6.3	3,041	-47.0	16.3	23.8	On
EW-4003	2.0	2.1	2,742	-25.9	---	23.8	On
EW-4004	1.6	1.8	2,214	-9.2	19.3	23.8	On
EW-4005	2.0	2.0	2,717	-13.8	---	23.8	On
EW-4006	1.4	4.3	1,977	-51.2	40.6	23.8	On
EW-4007	1.1	1.2	1,492	-4.9	45.5	23.8	On
EW-4008	0.0	2.7	1,940	-20.7	0.0	23.8	On
EW-4009	1.4	5.3	2,831	-59.9	37.1	23.8	On
EW-4010	2.1	2.2	2,902	4.1	53.1	23.6	On
EW-4011	2.3	2.5	3,042	-22.1	52.7	23.6	On
EW-5001	2.0	2.1	2,744	-20.1	---	23.8	On
EW-5002	0.0	0.0	0	6.0	24.5	0.0	Off
EW Totals	**82.6**		**190,234**				

	Value	Total (KGal)	Peak Flow
FIT-100	155 GPM	227.4	198 GPM
FIT-500	202 GPM	225.9	236 GPM
Effluent Temp	94.9 °F		
Effluent pH	6.4		

Recharge and Injection Daily Report

August 31, 2016 12AM to September 1, 2016 12AM

Injection Point ID		Value	Total (KGal)
RC-7001	FIT-7001	0 GPM	0.0
RC-7002	FIT-7002	0 GPM	0.0
RC-7003	FIT-665	0 GPM	4.3
Injection Wells	FIT-510	0 GPM	0.0

RO System Daily Operation Report

August 31, 2016 12AM to September 1, 2016 12AM

		Value	Total (KGal)
Flow In	FIT-600	0 GPM	5.4
Permeate Flow	FIT-642	0 GPM	3.8
Concentrate Flow	FIT-643	0 GPM	1.4

Inlet Conductivity	CIT-630	849.3 µS
Outlet Conductivity	CIT-642	188.1 µS
Hours Run		7.4 hrs
Recharge Tank pH	AIT-660A	5.8
Recharge Tank Temp	TIT-660C	91.0 ℉

Note to operator: Please print out manual daily log and populate fields.

APPENDIX B – MANATEE COUNTY DISCHARGE PERMIT #IW-0025S

Utilities
Wastewater Compliance
5101 65th Street West
Bradenton, FL 34210
Phone: (941) 792-8811, ext. 5180
www.mymanatee.org/utilities

MANATEE COUNTY INDUSTRIAL PRETREATMENT PROGRAM

CERTIFICATION STATEMENT FOR RECEIPT OF INDUSTRIAL WASTEWATER DISCHARGE PERMIT

Industrial User Name: **Lockheed Martin Corporation**

Discharge Permit No.: **IW-0025S**

Address: **1600 Tallevast Road**

Sarasota, FL 34242

I certify that I have received Industrial Wastewater Discharge Permit # IW-0025S from Manatee County's authorized representative. I understand that signing this statement in no way voids my right to appeal this permit as specified in the Manatee County Sewer Use Ordinance.

Signature of Authorized Representative: Paul E Calligan

Title: Project Manager

Print Name: Paul E. Calligan

Date: 11-10-2015

Utilities
Wastewater Compliance
5101 65th Street West
Bradenton, FL 34210
Phone: (941) 792-8811, ext. 5180
www.mymanatee.org/utilities

Local Limits

No person shall discharge wastewater containing pollutants in excess of the following instantaneous maximum allowable discharge limits:

2.51 mg/L Arsenic
7290 mg/L cBOD5
287 mg/L Chloride
0.73 mg/L Cadmium
9.90 mg/L Chromium
28.48 mg/L Copper
4.70 mg/L Cyanide
1.87 mg/L Lead
0.38 mg/L Mercury
1.26 mg/L Molybdenum
11.08 mg/L Nickel
2.11 mg/L Selenium
16.06 mg/L Silver
1830 mg/L Total Suspended Solids
4.78 mg/L Zinc

The above limits apply at the point where the wastewater is discharged to Manatee County's sanitary sewer collection system. All concentrations for metallic substances are for "total" metals unless indicated otherwise. The Director may impose limitations in addition to, or in place of, the concentration-based limitations above.

Utilities
Wastewater Compliance
5101 65th Street West
Bradenton, FL 34210
Phone: (941) 792-8811, ext. 5180
www.mymanatee.org/utilities

October 30, 2015

Mr. Paul E. Calligan, P.G.
Project Manager, Environmental Remediation
Lockheed Martin Corporation
1195 Sarasota Center Boulevard
Sarasota, FL 34240

Re: Issuance of **Industrial Wastewater Discharge Permit** to **Lockheed Martin Corporation** by Manatee County Utilities Department, **Permit # IW – 0025S**

Dear Mr. Calligan,

Enclosed, please find your revised discharge **Permit # IW- 0025S** which covers the current operations from the location identified in your permit application dated **September 4, 2015**. All discharges, actions, and reports relating thereto shall be in accordance with the terms and conditions of this permit.

Please review your permit carefully; if you wish to appeal or challenge any conditions imposed in this permit, you must file a petition for modification or reissuance of this permit in accordance with the requirements of the Manatee County Sewer Use Ordinance within 30 days of receipt of this correspondence. Failure to petition for reconsideration of the permit within the allotted time is deemed a waiver by the permittee of his right to challenge the terms of this permit.

Please complete, as applicable, the enclosed **Authorization of Approved Representative** form, and return to the MCUD Compliance Section address indicated above. Please note that a **Type II Discharge Permit fee of $1500.00** will be included in your next utility billing statement.

Thank you for your continued cooperation, and please do not hesitate to contact me at the number listed above should you have questions regarding this matter.

Sincerely,

Andre Rachmaninoff, Wastewater Compliance Superintendent

cc: Jeff Goodwin, Wastewater Division Manager, MCUD (email only)

Enclosures

LARRY BUSTLE * CHARLES B. SMITH * JOHN R. CHAPPIE * ROBIN DiSABATINO * VANESSA BAUGH * CAROL WHITMORE * BETSY BENAC
District 1 District 2 District 3 District 4 District 5 District 6 District 7

Utilities
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MANATEE COUNTY UTILITIES DEPARTMENT
WASTEWATER DIVISON
OFFICE OF INDUSTRIAL COMPLIANCE

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

PERMIT: IW 0025S

In accordance with the provisions of the Manatee County Sewer Use Ordinance:

Lockheed Martin Corporation
1600 Tallevast Road
Sarasota, FL 34243

is hereby authorized to discharge pretreated industrial wastewater from the location identified above in accordance with the conditions set forth in this permit. Compliance with this permit does not relieve the permittee of its obligation to comply with any or all applicable pretreatment regulations, standards or requirements under local, State, and Federal laws, including any such regulations, standards, requirements, or laws that may become effective during the term of this permit.

Non-compliance with any term or condition of this permit shall constitute a clear and direct violation of the Manatee County Utilities Department's Sewer Use Ordinance.

This permit shall become effective on: **November 9, 2015** and expires at midnight on: **November 8, 2018**.

If the permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for a renewal permit in accordance with the requirements of the most recent version of the Manatee County Sewer Use Ordinance, a minimum of 60 days prior to the expiration date.

Andre Rachmaninoff
Wastewater Compliance Superintendent

Issued this 30th day of October 2015.

PART 1 – DESCRIPTION AND REGULATION OF OPERATION

A. **Lockheed Martin Corporation, located at 1600 Tallevast Road, Sarasota, FL 34243** is identified for the purposes of this wastewater discharge permit as a **Significant Industrial User.** The facility will remediate impacted groundwater, per Florida Department of Environmental Protection consent order OGC#04-1328-FDEP. The discharge will be directed to the **Southwest Water Reclamation Facility**.

B. **Lockheed Martin Corporation** is identified as a **Significant Industrial User** as defined in **40 CFR 403.3, Florida Administrative Code 62-625** and the **Manatee County Sewer User Ordinance**.

C. All relevant process wastewater must pass through all pretreatment processes as submitted in the wastewater discharge permit application dated **September 4, 2015.** No pretreatment processes may be bypassed without the prior written permission of the Director.

D. Waste streams from the facility consist of the following:

1. **Pretreated groundwater.**
2. **Facility sanitary waste.**

E. This permit is issued for a specific operation as submitted in the wastewater discharge permit application dated **September 4, 2015**. If the permittee wishes to discharge any other types of wastewater, a written request must be submitted to the County's Office of Industrial Compliance in advance. Failure to notify the County may result in enforcement actions up to and including termination of this wastewater discharge permit.

PART 2 – EFFLUENT LIMITATIONS

A. During the period of **November 9, 2015** to **November 8, 2018** the permittee is authorized to discharge treated wastewater into the Manatee County's Sanitary Sewer System from the discharge location listed below.

Description of outfall:

001 – Discharge from the sample port on the effluent discharge line downstream from the effluent flow meter (FIT-500) as identified in schematic DI-009, and on the north side of the interior of the building as identified in schematic D-100, provided with the discharge permit application dated September 4, 2015.

B. During the period of **November 9, 2015** to **November 8, 2018** the discharge from **Outfall 001** shall not exceed the following effluent limitations applied to the end of pipe.

Effluent Limits

Parameter	Units	Daily Minimum	Daily Maximum	Monthly Average	Applicable Standard
flow[1]	gpd	N/A	432,000	N/A	N/A
pH	S.U.	5.0	11.5	N/A	Local Limit
aluminum (total)	mg/L	N/A	report	N/A	N/A
arsenic (total)	mg/L	N/A	2.51	N/A	Local Limit
beryllium (total)	mg/L	N/A	0.004	N/A	FAC 62-550 Primary DW Std
cadmium (total)	mg/L	N/A	0.73	N/A	Local Limit
chromium (total)	mg/L	N/A	9.90	N/A	Local Limit
copper (total)	mg/L	N/A	28.48	N/A	Local Limit
iron (total)	mg/L	N/A	report	N/A	N/A
lead (total)	mg/L	N/A	1.87	N/A	Local Limit
molybdenum (total)	mg/L	N/A	1.26	N/A	Local Limit
nickel (total)	mg/L	N/A	11.08	N/A	Local Limit
zinc (total)	mg/L	N/A	4.78	N/A	Local Limit
1,1-dichloroethane	mg/L	N/A	0.070	N/A	FAC 62-777 GCTL
1,1-dichloroethene	mg/L	N/A	0.007	N/A	FAC 62-550 Primary DW Std
cis-1,2-dichloroethene	mg/L	N/A	0.070	N/A	FAC 62-550 Primary DW Std
1,4-dioxane	mg/L	N/A	report	N/A	N/A
tetrachloroethene	mg/L	N/A	0.003	N/A	FAC 62-550 Primary DW Std
trichloroethene	mg/L	N/A	0.003	N/A	FAC 62-550 Primary DW Std
vinyl chloride	mg/L	N/A	0.001	N/A	FAC 62-550 Primary DW Std

[1] Flow may not exceed 300 gallons per minute (gpm)

C. All discharges shall comply with all other applicable laws, regulations, standards and requirements contained in the most recent version of the Manatee County Sewer Use Ordinance and any applicable State and Federal pretreatment laws, regulations, standards and requirements, including any such laws, regulations, standards or requirements that may become effective during the term of this permit.

PART 3 – MONITORING REQUIREMENTS

A. From the period beginning on the effective date of the permit until **November 8, 2018** the permittee shall monitor **Outfall 001** for the following parameters at the indicated frequency.

Sample Parameter	**Frequency**	**Sample Type**
[1]flow	continuous	metered
[2]pH	continuous	metered
aluminum (total)	quarterly	composite
arsenic (total)	quarterly	composite
beryllium (total)	quarterly	composite
cadmium (total)	quarterly	composite
chromium (total)	quarterly	composite
copper (total)	quarterly	composite
iron (total)	quarterly	composite
lead (total)	quarterly	composite
molybdenum (total)	quarterly	composite
nickel (total)	quarterly	composite
zinc (total)	quarterly	composite
1,1-dichloroethane	quarterly	grab
1,1-dichloroethene	quarterly	grab

Sample Parameter	Frequency	Sample Type
cis-1,2-dichloroethene	quarterly	grab
1,4-dioxane[3]	quarterly	grab
tetrachloroethene	quarterly	grab
trichloroethene	quarterly	grab
vinyl chloride	quarterly	grab

[1]Flow meters must be calibrated according to manufacturer's instructions but in no case less than once per year.
[2]pH meter shall be calibrated per manufacturer's specifications but in no case less than once per month. Calibration records shall be maintained and available for inspection.
[3]Analysis for 1,4-dioxane must be performed by EPA 522, or EPA 1624 or 8260C with heated purge, isotope dilution and selective ion monitoring.

B. All handling and preservation of collected samples and laboratory analysis of samples shall be performed in accordance with Chapter 62-160, Florida Administrative Code, and amendments thereto, unless specified otherwise in the monitoring conditions of this permit.

C. Monitoring results shall be summarized and reported twice per year. All reports shall be submitted as hard copy (electronic reporting not permitted) with original signature. Reporting periods are **January 1 – June 30** (report due no later than **August 15**); and **July 1 – December 31** (report due no later than **February 15**). The report(s) shall indicate the nature and concentration of all pollutants in the effluent for which sampling and analysis were performed up to the end of the reporting period. Report(s) must include the average daily flow and minimum and maximum pH readings for each month of the reporting period.

D. If the permittee monitors any pollutant more frequently than required by this permit using test procedures prescribed in Chapter 62-160, Florida Administrative Code, or amendments thereto, or otherwise approved by the Florida Department of Environmental Protection or as specified in this permit, the results of such monitoring shall be included in any calculations of actual daily maximum or monthly average pollutant discharge and results shall be reported in the semi-annual report(s) submitted to the MCUD Office of Industrial Compliance.

E. The County will monitor the discharge from the permittee facility at a minimum of once per year. Monitoring will include the collection and analysis of wastewater samples in order to determine pollutant concentrations and compliance with effluent limits. The County may also provide sampling and analysis services to the permittee in order to comply with self-monitoring requirements. The permittee will be charged according to the rate schedules identified in the current Manatee County Rate Resolution. Should the permittee request a test for which the County laboratory is not equipped, an independent private laboratory will be utilized at permittee expense.

F. The permittee shall notify the County immediately upon the occurrence of an accidental discharge of substances prohibited by the most recent version of the Manatee County Sewer

Use Ordinance or any slug loads or spills that may enter the sanitary sewer. During normal business hours, the County shall be notified by telephone at **(941) 792-8811, ext. 5157**. At all other times, the Director shall be notified by telephone at **(941) 747-4357** (after 5 p.m. Monday – Friday, weekends and holidays). The notification shall include location of the discharge, date and time thereof, type of waste including concentration and volume, and corrective actions taken. Permittee notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, State or Federal laws.

G. Within five (5) days following an accidental discharge, the permittee shall submit to the Director a detailed written report. The report shall specify:

1. Description and cause of the upset, slug load or accidental discharge, the cause thereof, and the impact on permittee compliance status. The description shall also include the location of the discharge as well as the type, concentration, and volume of waste.

2. Duration of noncompliance, including exact dates and times, if the noncompliance is continuing, and the time by which compliance is reasonably expected to occur.

3. All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

4. All reports required by this permit shall be submitted as hard copy (electronic reporting not permitted) with original signature to:

Manatee County Utilities
Office of Wastewater Compliance
5101 65th Street West
Bradenton, FL 34210

PART 4 – SPECIAL CONDITIONS

A. REOPENER CLAUSE

1. This permit may be reopened and modified to incorporate any new or revised requirements contained in the Florida Administrative Code (F.A.C) Chapter 62-625.

2. This permit may be reopened and modified to incorporate any new or revised requirements resulting from the Manatee County Utilities Department's reevaluation of local discharge limits.

3. This permit may be reopened and modified to incorporate any new or revised requirements developed by Manatee County Utilities Department as are necessary to ensure POTW compliance with applicable biosolid management requirements promulgated by F.A.C. Chapter 62-625.

B. ACCIDENTAL SPILL/SLUG CONTROL PLAN

The Permittee shall implement a Spill/Slug Discharge Plan for the control of accidental spills and or slug discharges for the duration of this permit and shall meet the following requirements:

1. Provide a description of discharge practices, including non-routine batch discharges;
2. Provide a description of all stored chemicals;
3. Describe procedures for immediately notifying the County of any accidental spill or slug discharge;
4. Describe procedures to prevent adverse impact from any accidental spill or slug discharge;
5. Be approved by the County.

The Plan shall be valid for a maximum of two years upon which time a new Plan shall be submitted. If changes occur to the facility before the two years has expired that may affect permittee accidental spill or slug discharge procedures, a new plan shall be submitted to the County for approval. The Permittee must notify Manatee County immediately if there is a change that affects the potential for a slug discharge.

C. COMPLIANCE SCHEDULE

The permittee shall accomplish the following tasks in the designated time period:

1. **N/A**

PART 5 – SPECIFIC PROHIBITIONS

A. Any commercial or industrial waste that may cause pass through of pollutants or interference with the wastewater treatment plant operations or that violates Federal, State, or local restrictions shall not be discharged to the wastewater treatment facility.

B. Any waste transported from an industry subject to categorical pretreatment standards must meet the applicable Federal categorical standards. Authorization by the Manatee County Utilities Department prior to discharging must be obtained for the hauling of categorical wastes.

C. Any waste generated and/or collected outside of Manatee County shall not be discharged to the wastewater treatment facility.

D. The permittee is prohibited from discharging wastes with the following characteristics:
   1. Having a pH lower than 5.0 or greater than 11.5

   2. Pollutants which create a fire or explosive hazard in the sanitary sewer collection system, including, but not limited to, waste streams with a closed cup flashpoint of less than 140^{o} F (60^{o} C) using the test methods specified in Chapter 62-730, Florida Administrative Code (F.A.C.)

   3. Solid or viscous substances in amounts which will cause obstruction of the flow in the POTW resulting in interference but in no case solids greater than (15) millimeters in any dimension.

4. Pollutants, including oxygen-demanding pollutants (cBOD, BOD, COD, etc.), released in a discharge flow rate and/or pollution concentration which, either singly or by interaction with other pollutants, will cause interference with Manatee County's receiving wastewater treatment facilities

5. Heat in amounts which will inhibit biological activity in a wastewater treatment plant resulting in interference, but in no case heat in any quantity that results in the discharge from the wastewater treatment plant having a temperature greater than 104^{o}F (40^{o}C), unless the director approves alternate temperature limits in accordance with Rule 62-302.520, Florida Administrative Code (F.A.C.).

6. Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin, in amounts that will cause interference or pass through

7. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause corrosion or destruction of pumps, lines, pipes, manholes, or other portions of the POTW or acute worker health or safety problems.

8. Trucked or hauled pollutants, except at discharge points designated by the director in accordance with this division.

9. Noxious or malodorous liquids, gases, solids, or other wastewater which, either singly or by interaction with other wastes, are sufficient to create a public nuisance or a safety hazard, or to prevent entry into the sewers for maintenance or repair

10. Wastewater which imparts color which cannot be removed by the treatment process, such as, but not limited to, dye wastes and vegetable tanning solutions, which consequently imparts color to the treatment plant's effluent, thereby violating Manatee County's FDEP permit.

11. Wastewater containing any radioactive wastes or isotopes, except in compliance with applicable State or Federal regulations

12. Storm water, surface water, ground water, artesian well water, roof runoff, subsurface drainage, swimming pool drainage, condensate, deionized water, noncontact cooling water, and unpolluted wastewater, unless specifically authorized by the Director

13. Biosolids, screenings, or other residues from the pretreatment of industrial wastes

14. Medical wastes, except as specifically authorized by the Director in a wastewater discharge permit

15. Wastewater causing, alone or in conjunction with other sources, a treatment plant's effluent to fail a toxicity test, or rendering the treatment plant's effluent unsuitable or unusable for reuse, including agricultural or landscape irrigation.

16. Detergents, surface-active agents, or other substances which may cause excessive foaming in the POTW

17. Wastewater causing two (2) readings on an explosion hazard meter at the point of discharge into the POTW, or at any point in the POTW, of more than [5%], or any single reading over [10%] of the Lower Explosive Limit of the meter

18. The permittee is prohibited from discharging wastes which exceed the Local Limits as established in Resolution No. R-12-110 for the County's water reclamation facilities.

PART 6 – STANDARD CONDITIONS

A. GENERAL CONDITIONS AND DEFINITIONS:

1. DEFINITIONS:

Unless a provision explicitly states otherwise the following terms and phrases, as used in this division, shall have the meanings hereinafter designated:

a. Act: The Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33 U.SC. § 1251 et seq.
b. Approval Authority: State of Florida Department of Environmental Protection.
c. Authorized Representative of the User:
    i. If the user is a corporation:
        - The president, secretary, treasurer, or a vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or
        - The manager of one or more manufacturing, production, or operation facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty o making major capital investment recommendations, initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations, and ensuring that the necessary systems are established or actions taken to gather complete and accurate information for wastewater discharge permit requirements, where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
    ii. If the user is a partnership or sole proprietorship, a general partner or proprietor, respectively.
    iii. If the user is a federal, state, or local governmental facility, a director or highest official appointed or designated to oversee the operation and performance of the activities of the government facility, or his/her designee.
    iv. The individuals described in subparagraphs i. through iii. Above, may designate another authorized representative if the authorization is in writing, the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for environmental matters for the user, and the written authorization is submitted to the County.
d. Baseline Monitoring Report or BMR: A report that documents a user's compliance status with all applicable pretreatment standards.
e. Best Management Practices or BMPs: Schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to implement the prohibitions

listed in this division. This definition includes treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw materials storage.

f. Best Professional Judgment or BPJ: A determination made after consideration of all reasonably available and pertinent data or information.
g. Biochemical Oxygen Demand or BOD: The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedures for five (5) days at twenty (20) degrees centigrade, usually expressed as a concentration (e.g., mg/L).
h. Biosolids: The nonhazardous and recyclable organic matter resulting from the treatment of wastewater.
i. Board: The Board of County Commissioners of Manatee County.
j. Carbonaceous Biochemical Demand or cBOD: The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedures for five (5) days at twenty (20) degrees centigrade while inhibiting the nitrogenous demand, usually expressed as a concentration (e.g., mg/L).
k. Categorical Industrial User or CIU: An industrial user subject to a categorical pretreatment standard.
l. Categorical Pretreatment Standard or Categorical Standard: Any regulation containing pollutant discharge limits promulgated by EPA in accordance with Sections 307(b) and (c) of the Act (33 U.S.C. § 1317) which apply to a specific category of users and which appear in Rule 62-625.410, Florida Administrative code (F.A.C.).
m. Chemical Oxygen Demand: The amount of a specified oxidant that reacts with a sample under controlled conditions. It measures both the oxidizable organic and inorganic materials in the sample.
n. Collection System: The combined pipes, conduits, manholes and other structures, usually underground, which conveys wastewater to the Manatee County Wastewater Treatment Facilities.
o. Composite Sample: A sample that is collected over time, formed either by continuous sampling or by mixing discrete samples. The sample may be composited either as a time composite sample: composed of discrete sample aliquots collected in one container at constant time intervals providing representative samples irrespective of stream flow; or as a flow proportional composite sample: collected either as a constant sample volume at time intervals proportional to a stream flow, or collected by increasing the volume of each aliquot as the flow increases while maintaining a constant time interval between the aliquots.
p. County: The County of Manatee, Florida.
q. Daily Discharge: The discharge measured during a calendar day or any twenty-four (24) hour period that reasonably represents the calendar day for purposes of sampling. Typically the calendar day from 12:00 midnight to 11:59 p.m. is used. However, a permittee may specify any other twenty-four (24) hour period that corresponds to staffing shifts and their reporting day. In any case, the same period of time must be used consistently for purposes of reporting and must not vary from one day to another.
r. Daily Maximum: The arithmetic average of all effluent samples for a pollutant collected during the calendar year.
s. Daily Maximum Limit: The maximum allowable discharge limit of a pollutant during a calendar year. Where daily maximum limits are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where daily maximum limits are expressed in terms of a concentration, the daily discharge is the arithmetic

average measurement of the pollutant concentration derived from all measurements taken during that day.

t. Director: The Director of the Manatee County Utilities Department, or his/her duly appointed and authorized deputies, agents, or representatives.

u. Domestic Wastewater: The liquid and solid waterborne wastes derived from the ordinary living processes of humans of such character as to permit satisfactory disposal, without special pretreatment, into the public sewer or by means of private disposal system.

v. Effluent Reuse System: The network of pumps, lines, pipes and fixtures which provide treated wastewater from any of the County's wastewater treatment plants to any customer for the purpose of using the treated wastewater for any useful purpose.

w. Environmental Protection Agency or EPA: The U.S. Environmental Protection Agency or, where appropriate, the regional water management division director, or other duly authorized official of said agency.

x. Existing Source: Any source of discharge that is not a new source.

y. Grab Sample: A sample which is taken from a waste stream without regard to the flow in the waste stream and over a period of time not to exceed fifteen (15) minutes.

z. Groundwater: Water beneath the surface of the ground whether or not flowing through known and definite channels.

aa. Indirect Discharge or Discharge: The introduction of pollutants into Manatee County's sanitary sewer collection system from any nondomestic source regulated under Section 307(b), (c), or (d) of the Act.

bb. Instantaneous Maximum Discharge Limit or Instantaneous Limit: The maximum concentration of a pollutant allowed to be discharged at any time, determined from the analysis of a discrete or composited sample collected, independent of the industrial flow rate and the duration of the sampling event.

cc. Interference: A discharge which, alone or in conjunction with a discharge or discharges from other sources, inhibits or disrupts Manatee County's treatment system, processes or operations or its Biosolids processes, use or disposal; and therefore, is a cause of a violation of the County's FDEP Permit, or of the prevention of sewage biosolids use or disposal in compliance with any of the following statutory/regulatory provisions or permits issued hereunder, or any more stringent state or local regulations: Section 405 of the Act; The Solid Waste Disposal Act, including Title II commonly referred to as the Resource Conservation and Recovery Act (RCRA); any State regulations contained in any state sludge management plan prepared pursuant to Subtitle D of the Solid Waste Disposal Act, the Clean Air Act; the Toxic Substances Control Act; and the Marine Protection and Sanctuaries Act.

dd. Local Discharge Limits or Local Limits: Those limits developed by Manatee County and adopted by resolution to implement any general or specific prohibitions set forth in 62-625 F.A.C. or to satisfy any other discharge requirement imposed on the County by the EPA, FDEP, or any other agency.

ee. Mass Emission Rate: The weight of material discharged to the County sewerage system during a given time interval. Unless otherwise specified, the mass emission rate shall means pounds per day of a particular constituent or combination of constituents.

ff. Medical Wastes: isolation wastes, infectious agents, human blood and blood products, pathological wastes, sharps, body parts, contaminated bedding, surgical wastes, potentially contaminated laboratory wastes, and dialysis wastes.

gg. Monthly Average: The sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

hh. Monthly Average Limit: The highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

ii. New Source:

i. Any building, structure, facility, or installation from which there is (or may be) a discharge of pollutants, the construction of which commenced after the publication of proposed pretreatment standards under Section 307(c) of the Act which will be applicable to such source if such standards are thereafter promulgated in accordance with that section, provided that:

- The building, structure, facility, or installation is constructed at a site at which no other source is located; or
- The building, structure, facility, or installation totally replaces the process or production equipment that causes the discharge of pollutants at an existing source; or
- The production or wastewater generating process of the building, structure, facility, or installation is substantially independent of an existing source at the same site. In determining whether the sources are substantially independent, factors such as the extent to which the new facility is integrated with the existing source, and the extent to which the facility is engaged in the same general type of activity as the existing source, should be considered.

ii. Construction on a site at which an existing source is located results in a modification rather than a new source if the construction does not create a new building, structure, facility, or installation meeting the criteria above but otherwise alters, replaces, or adds existing process or production equipment.

iii. Construction of a new source as defined under this paragraph is deemed to have commenced if the owner or operator has:

- Begun, or caused to begin, as part of a continuous onsite construction program:
  - Any placement, assembly, or installation of facilities or equipment; or
  - Significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which is necessary for the placement,, assembly, or installation of a new source facilities or equipment; or
- Entered into a binding contractual obligation for the purchase of facilities or equipment which is intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this paragraph.

jj. Noncontact Cooling Water: Water used for cooling which does not come into direct contact with any raw material, intermediate product, waste product, or finished product.

kk. Non-significant Categorical Industrial User or NSCIU: An industrial user subject to categorical pretreatment standards that is not a significant industrial user as determined by the director.

ll. Officer: A person employed by the County as an enforcement compliance officer or industrial compliance inspector.

mm. Pass Through: A discharge which exits any of Manatee County's wastewater treatment plants into waters of the United States or effluent reuse system in quantities or

concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of Manatee County's FDEP permits, including an increase in the magnitude or duration of a violation.

nn. Permittee: A person who has been issued a wastewater discharge permit.

oo. Person: Any individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity, or any other legal entity; or their legal representatives, agents or assigns. This definition includes all Federal, State, and Local Governmental entities.

pp. pH: A measure of the acidity or alkalinity of a solution, expressed in standard units

qq. Pollutant: Dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, grease, sewage Biosolids, munitions, medical wastes, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt, municipal, agricultural and industrial wastes, dissolved organic or inorganic wastes, and certain characteristics of wastewater (e.g., pH temperature, TSS, turbidity, color, BOD, cBOD, COD, toxicity or odor).

rr. Pretreatment: The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to, or in lieu of, introducing such pollutants into any of Manatee County's wastewater treatment plants. This reduction or alteration can be obtained by physical, chemical, or biological processes; by process changes; or by other means, except by diluting the concentration of the pollutants unless allowed by an applicable pretreatment standard.

ss. Pretreatment Requirements: Any substantive or procedural requirements related to pretreatment imposed on a user, other than a pretreatment standard.

tt. Pretreatment Standards: Prohibited discharge standards, categorical pretreatment standards and local limits.

uu. Private Sewage Disposal System: A collecting, treating, and/or disposal facility installed, maintained and owned by persons other than the County which discharges into an on-site drain field or Manatee County's sanitary sewer collection system.

vv. Process Wastewater: Any wastewater contaminated by human activities, including, but not limited to, that originating from manufacturing, agriculture, processing, rinsing, washing, or producing.

ww. Prohibited Discharge Standards: Absolute prohibitions against the discharge of certain substances.

xx. Publicly Owned Treatment Works or POTW: A "treatment works" as defined by Section 212 of the Act (33 U.S.C. § 1292) which is owned by Manatee County. This definition includes any devices or systems used in the collection, storage, treatment, recycling, and reclamation of sewage or industrial wastes of a liquid nature and any pumping stations, lines, pipes, manholes, or conveyances which convey wastewater to a treatment plant.

yy. Septic Tank Waste (Septage): Any sewage from holding tanks such as vessels, chemical toilets, campers, trailers, and septic tanks.

zz. Sewage: Human excrement and gray water (household showers, dish washing operations, etc.).

aaa. Significant Industrial User or SIU:

- A user subject to categorical pretreatment standards; or
- A user that:
  - Discharges an average of twenty-five thousand (25,000) gallons per day (gpd) or more of process wastewater to any of the Manatee County

wastewater treatment facilities (excluding sanitary sewage, noncontact cooling water, and boiler blowdown wastewater);
- Contributes a process waste stream which makes up 5% or more of the average dry weather hydraulic or organic capacity of any of the Manatee County wastewater treatment facilities; or
- Is designated as such by Manatee County on the basis that it has a reasonable potential for adversely affecting the County's operations or for violating any pretreatment standard or requirement.

- Upon a finding that a user meeting the above criteria has no reasonable potential or adversely affecting Manatee County's operations or for violating an pretreatment standard or requirement, the County may at any time, on its own initiative or in response to a petition received from a user, and in accordance with procedures in Rule 62-625.500(2) (E), Florida Administrative Code (F.A.C.), determine that such user should not be considered a significant industrial user.

bbb. Slug Load or Slug: Any discharge or a non-routine, episodic nature, including, but not limited to, an accidental spill or a non-customary batch discharge, which has a reasonable potential to cause interference or pass through, or in any other way violate the POTW regulations, local limits, or permit conditions.

ccc. Standard Industrial Classification (SIC) Code: A classification pursuant to the Standard Industrial Classification Manual issued by the United States Office of Management and Budget.

ddd. Storm Water: Any flow occurring during or following any form of natural precipitation, and resulting from such precipitation, including snowmelt.

eee. Suspended Solids: The total suspended matter that floats on the surface of, or is suspended in, water, wastewater or other liquid, and which is removable by laboratory filtering.

fff. Toxic Organics: Any toxic organic compound identified in 40 CFR § 401.15 or appearing on any total toxic organic list as set forth for certain categorical industries in 40 CFR §§ 413, 433, 464, 465, 468, and 469.

ggg. Upset: An exceptional incident in which there is unintentional and temporary noncompliance with categorical pretreatment standards because of factors beyond the reasonable control of the user. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless improper operation.

2. SEVERABILITY:

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

3. DUTY TO COMPLY:

The permittee shall comply with all conditions of this permit. Failure to comply with the requirements of this permit may be grounds for administrative action, or enforcement proceedings including civil or criminal penalties, injunctive relief and summary abatements.

4. DUTY TO MITIGATE:

The permittee shall take all reasonable steps to minimize or correct any adverse impact to the public treatment plant or the environment resulting from noncompliance with this permit,

including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

5. PERMIT MODIFICATION:

This permit may be modified for good causes including, but not limited to, the following:

a. To incorporate any new or revised Federal, State, or local pretreatment standards or requirements.
b. Material or substantial alterations or additions to the discharger's operation processes, or discharge volume or character which were not considered in drafting the effective permit.
c. A change in any condition in either the industrial user or the POTW that requires either a temporary or permanent reduction or elimination of the authorized discharge.
d. Information indicating that the permitted discharge poses a threat to Manatee County's treatment systems, POTW personnel or the receiving waters.
e. Violation of any terms or conditions of the permit.
f. Misrepresentation or failure to disclose fully all relevant facts in the permit application or in any required report.
g. Revision of or a grant of variance from such categorical standards pursuant to Chapter 62-625 (F.A.C.).
h. To correct typographical or other errors in the permit.
i. To reflect transfer of the facility ownership and/or operation to a new owner/operator.
j. Upon request of the permittee, provided such request does not create a violation of any applicable requirements, standards, laws or rules and regulations.

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

6. PERMIT TERMINATION:

This permit may be terminated for the following reasons:

a. Falsifying self-monitoring reports.
b. Tampering with County monitoring equipment.
c. Refusing to allow timely access to the facility premises and records.
d. Failure to meet effluent limits.
e. Failure to pay fines.
f. Failure to pay sewer charges.
g. Failure to meet compliance schedules.

7. PERMIT APPEALS:

The permittee may petition to appeal the terms of this permit within thirty (30) days of the notice.

This petition must be in writing; failure to submit a petition for review shall be deemed to be a waiver of the appeal. In its petition, the permittee must indicate the permit provisions objected to, the reasons for this objection, and the alternative condition, if any, it seeks to be placed in the permit.

The effectiveness of this permit shall not be stayed pending reconsideration by the Board. If, after considering the petition and any arguments put forth by the Director, the Board determines that reconsideration is proper, it shall remand the permit back to the Director for reissuance. Those permit provisions being reconsidered by the Director shall be stayed pending reissuance.

A Board of Director's decision not to reconsider a final permit shall be considered final administrative action for purposes of judicial review.

8. PROPERTY RIGHTS:

The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any violation of Federal, State or local laws or regulations.

9. LIMITATION ON PERMIT TRANSFER:

Permits may be reassigned or transferred to a new owner and/or operator with prior approval of the Director.

a. The permittee must give at least thirty (30) days advance notice to the Director.
b. The notice must include a written certification by the new owner which:
    i. States that the new owner has no immediate intent to change the operations and processes.
    ii. Identifies the specific date on which the transfer is to occur.
    iii. Acknowledges full responsibility for complying with the existing permit.

10. DUTY TO REAPPLY:

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must submit an application for a new permit at least 60 days before the expiration date of this permit.

11. CONTINUATION OF EXPIRED PERMITS:

An expired permit will continue to be effective and enforceable until the permit is reissued if:

a. The permittee has submitted a complete permit application at least sixty (60) days prior to the expiration date of the user's existing permit.
b. The failure to reissue the permit, prior to expiration of the previous permit, is not due to any act or failure to act on the part of the permittee.

12. DILUTION

The permittee shall not increase the use of potable or process water or in any way attempt to dilute an effluent as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit.

13. COMPLIANCE WITH APPLICABLE PRETREATMENT STANDARDS AND REQUIREMENTS:

Compliance with this permit does not relieve the permittee from its obligations regarding compliance with any and all applicable local, State and Federal standards and requirements, including any such standards or requirements that may become effective during the term of this permit.

14. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS:

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes but is not limited to: effective performance, adequate funding, adequate operator staffing and training and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.

15. DUTY TO HALT OR REDUCE ACTIVITY

Upon reduction of efficiency of operation or loss or failure of all or part of the treatment facility, the permittee shall, to the extent necessary to maintain compliance with its permit, control its production or discharges (or both) until operation of the treatment facility is restored or an alternative method of treatment is provided. This requirement applies for example, when the primary source of power of the treatment facility fails or is reduced. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

16. BYPASS OF TREATMENT FACILITIES

a. Bypass is prohibited unless it is unavoidable to prevent loss of life, personal injury, or severe property damage or no feasible alternatives exist.
b. The permittee may allow bypass to occur which does not cause effluent limitations to be exceeded but only if it is also for essential maintenance to assure efficient operation.
c. Notification of bypass:
    i. Anticipated bypass: If the permittee knows in advance of the need for a bypass, it shall submit prior written notice at least ten (10) days before the date of the bypass to the Director.
    ii. Unanticipated bypass: The permittee shall immediately notify the Director and submit within five (5) days a written notice. The report shall include at a minimum (1) a description of the bypass and its cause including its duration; (2) whether the bypass has been corrected; and (3) the steps being taken or to be taken to reduce, eliminate, and prevent a reoccurrence of the bypass.

17. REMOVED SUBSTANCES

Solids, sludges, filter backwash or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in accordance with Section 405 of the Clean Water Act, Subtitles C and D of the Resource Conservation and Recovery Act and Florida Administrative Code Chapter 62-625.

B. MONITORING AND RECORDS

1. ANALYTICAL METHODS TO DEMONSTRATE CONTINUED COMPLIANCE:

All sampling and analysis required by this permit shall be performed in accordance with the techniques prescribed in Florida Administrative Code Chapter 62-160 (F.A.C.) and amendments thereto.

2. REPRESENTATIVE SAMPLING

Samples and measurement take, as required herein, shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water or substance. All equipment use for sampling and analysis must be routinely calibrated, inspected and maintained to ensure their accuracy. Monitoring points shall be changed without notification to and the approval of the Director.

3. FLOW MEASUREMENTS

If flow measurements are required by this permit, the appropriate flow measurement devices and method consistent with approved scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to ensure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than 10 % from true discharge rates throughout the range of expected discharge volumes.

4. ADDITIONAL MONITORING BY THE PERMITEE:

If the permittee monitors any pollutant more frequently than required by this permit, using test procedures identified in Section B.1, the results of this monitoring shall be included in permittee self-monitoring reports.

5. INSPECTION AND ENTRY:

The permittee shall allow the Manatee County Utilities Department, or the State of Florida, or an authorized representative, upon the presentation of credentials and other documents as may be required by law to:

a. Enter upon permittee premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit;
d. Sample or monitor, for the purposes of assuring permit compliance, any substances or parameters at any location; and
e. Inspect any production, manufacturing, fabricating, or storage area where pollutants, regulated under the permit, could originate, be stored or be discharged to the sewer system.

6. RETENTION OF RECORDS

a. The permittee shall retain records of all monitoring information including all calibration and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit for a period of at least three (3) years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.
b. All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by Manatee County

Government shall be retained and preserved by the permittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals, have expired.

7. RECORD CONTENTS

Records of sampling and analysis shall include:

a. The date, exact place, time and methods of sampling or measurements and sample preservation techniques or procedures;
b. Who performed the sampling or measurements;
c. The date(s) analysis was performed;
d. Who performed the analysis;
e. The analytical techniques;
f. The results of such analysis;
g. The laboratory certification number.

8. FALSIFYING INFORMATION

Knowingly making any false statement on any report or other document required by this permit or knowingly rendering any monitoring device or method inaccurate is a crime and may result in the imposition of criminal sanctions and/or civil penalties.

C. ADDITIONAL REPORTING REQUIREMENTS :

1. PLANNED CHANGES

The permittee shall give notice to the Director ninety (90) days prior to any facility expansion, production increase, or process modifications which results in new or substantially increased discharges or a change in the nature of the discharge.

2. ANTICIPATED NONCOMPLIANCE:

The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

3. OPERATING UPSETS

a. Any permittee that experiences an upset in operations that places the permittee in a temporary state of noncompliance with the provisions of either this permit or with the most recent version of the Manatee County Sewer Use Ordinance shall inform the Director within twenty four (24) hours of becoming aware of the upset, during normal business hours (Monday – Friday 08:00 a.m. – 05:00 p.m.) at **(941) 792-8811, Ext. 5157,** or after 05:00 p.m. M-F, weekends and holidays at **(941) 747-4357**.
b. A written follow-up report of the upset shall be submitted by the permittee with the Director within five (5) days. The report shall include:
    i. A detailed description of the upset, the cause(s) thereof, and the upset impact on permittee compliance status;
    ii. The duration of the noncompliance including exact dates and times of noncompliance and if not corrected, the anticipated time the noncompliance is expected to continue; and
    iii. All steps taken or to be taken to reduce, eliminate and prevent recurrence of such an upset.

c. The report must also demonstrate that the treatment facility was being operated in a prudent and workmanlike manner.

d. A documented and verified operating upset shall be an affirmative defense to any enforcement action brought against the permittee for violations attributable to the upset event.

4. AUTOMATIC RESAMPLING:

If the results of permittee wastewater analysis indicate a violation has occurred, the permittee must notify the Director within twenty four (24) hours of becoming aware of the violation and repeat the sampling and pollutant analysis and submit in writing the results of the repeat analysis within thirty (30) days after becoming aware of the violation.

5. DUTY TO PROVIDE INFORMATION:

The permittee shall furnish to the Director, within 30 days, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also, upon request, furnish to the Director, within 30 days, copies of any records required to be kept by this permit.

6. SIGNATORY REQUIREMENTS:

All applications, reports, or information submitted to the Manatee County Utilities Department must contain the following certification statement and be signed as required in Sections (a), (b), (c) or (d) below:

"***I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations***."

a. By a responsible corporate officer, if the industrial user submitting the reports is a corporation. For the purpose of this paragraph, a responsible corporate officer means:

i. A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or;

ii. The manager of one or more manufacturing, production, or operation facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for individual wastewater discharge permit or general permit requirements; and where

authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

b. If the industrial user submitting the reports is a partnership or sole proprietorship, a general partner or proprietor, respectively.

c. If the user is a federal, state, or local governmental facility, a director or highest official appointed or designated to oversee the operation and performance of the activities of the government facility, or his/her designee.

d. The individuals described in subparagraphs a. through c. above, may designate another authorized representative if the authorization is in writing, the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for environmental matters for the user, and the written authorization is submitted to the County of Manatee:

e. If an authorization under Paragraph (d) of this section is no longer accurate because of a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for the environmental matters for the company, a new authorization satisfying the requirements of Paragraph (d) of this section must be submitted to the Director prior to or together with any reports to be signed by an authorized representative.

D. PENALTIES AND ENFORCEMENT ACTIVITIES

1. ANNUAL PUBLICATION:

A list of all industrial users which were subject to enforcement proceedings during the twelve (12) previous months shall be annually published by the Director in the largest daily newspaper within its service area. Accordingly, the permittee is apprised that noncompliance with this permit may lead to an enforcement action and may result in publication of its name in an appropriate newspaper in accordance with this section.

2. CIVIL AND CRIMINAL LIABILITY:

Nothing in this permit shall be construed to relieve the permittee from civil and/or criminal penalties for noncompliance under the most recent version of the Manatee County Sewer Use Ordinance.

3. PENALTIES FOR VIOLATIONS OF PERMIT CONDITIONS:

The most recent version of the Manatee County Sewer Use Ordinance provides that any person who violates a permit condition is subject to a civil penalty of at least $2,000 per day of such violation. Any person who willfully or negligently violates permit conditions is subject to criminal penalties of a fine of up to $2,000 per day of violation, or by imprisonment for 60 days or both. The permittee may also be subject to sanctions under State and/or Federal law.

4. RECOVERY OF COSTS INCURRED:

In addition to civil and criminal liability, the permittee violating any of the provisions of this permit or the most recent version of the Manatee County Sewer Use Ordinance or causing damage to or otherwise inhibiting the Manatee County Utilities Department wastewater disposal system shall be liable to the Manatee County Utilities Department for any expense, loss or damage caused by such violation or discharge. The Manatee County Utilities Department shall bill the permittee for the costs incurred by the Manatee County Utilities Department for any cleaning,

repair or replacement work caused by the violation or discharge. Refusal to pay the assessed costs shall constitute a separate violation of the most recent version of the Manatee County Sewer Use Ordinance.

5. NOTIFICATION OF VIOLATION:
   Whenever Manatee County finds that any septic waste hauler has violated or is violating any provision of this permit, the Director may serve upon said user written notice of the violation. Within ten (10) days of the receipt of this notice, an explanation of the violation and a written plan for the satisfactory correction and prevention thereof, to include specific required actions, shall be submitted by the user to the Director. Submission of this plan in no way relieves a septic waste hauler of liability for any violations occurring before or after receipt of the notice of violation.

6. CONSENT ORDERS:
   The Director of MCUD is hereby empowered to enter into consent orders, assurances of voluntary compliance, or other similar documents establishing an agreement with a septic waste hauler responsible for the noncompliance. Such orders will include compliance schedules, surcharges or remedial actions, and signatures of the authorized representative of the user and the Director.

7. SHOW CAUSE ORDER:
   The Director may order the permittee who causes or contributes to a violation of the Sewer Use Ordinance and/or this Permit to show cause why a proposed enforcement action should not be taken. The notice of the meeting shall be served by certified mail at least ten (10) days prior to the hearing.

8. COMPLIANCE ORDER:
   When the Director finds that the permittee has violated or continues to violate the Sewer Use Ordinance and/or this Permit, he may issue an order to the permittee responsible for the discharge directing that, following a specified time period, discharge privileges shall be discontinued until compliance is achieved.

9. CEASE AND DESIST ORDERS:
   When the Director finds that the permittee has violated or continues to violate the Sewer Use Ordinance and/or this Permit, he may issue an order to cease and desist all illegal discharges immediately. In an emergency, the order to cease and desist may be given by telephone; in non-emergency situations, the cease and desist order may be used to suspend or permanently revoke an Industrial Wastewater Discharge Permit. The cease and desist order may order the permittee to take such appropriate remedial or preventive action as may be needed to properly address a continuing or threatened violation, including halting operations and terminating the discharge.

10. ADMINISTRATION SURCHARGES:
    Notwithstanding any other section of the Sewer Use Ordinance and/or this Permit, any permittee who is found to have violated any provision of that Ordinance, or of this Permit, or of orders issued hereunder shall be charged an amount not to exceed two thousand dollars ($2,000.00) per day of violation. Such assessments shall be added to the industrial user's next scheduled sewer service charge.

11. EMERGENCY SUSPENSION:

The Director may suspend an Industrial Wastewater Discharge Permit if such suspension is necessary in order to stop an actual or threatened discharge presenting or causing an imminent or substantial endangerment to the health or welfare of County workers, any treatment plant, or the environment. Any permittee notified of a suspension shall immediately stop or eliminate its contribution. In the event of permittee failure to immediately comply with the suspension order, the Director shall take steps as deemed necessary, including immediate severance of the sewer connection. The Director shall allow the permittee to recommence its discharge when the endangerment has passed. A permittee who is responsible, in whole or in part, for imminent endangerment shall submit a written statement describing the cause of the harmful contribution and the measures taken to prevent any future occurrence, to the Director.

12. ENFORCEMENT - JUDICIAL REMEDIES:

If any person discharges sewage or industrial waste into Manatee County's Sanitary Sewer Collection System contrary to the provisions of the Sewer Use Ordinance, or any order or permit issued thereunder, the County, through the County Attorney, may commence an action for appropriate legal and/or equitable relief in the Courts of Manatee County.

13. INJUNCTIVE RELIEF:

Whenever a permittee has violated or continues to violate the provisions of the Sewer Use Ordinance, or of any permit, or of orders issued thereunder, the County, through the County Attorney may petition the court for the issuance of a preliminary or permanent injunction, or both, which restrains or compels the activities of the permittee.

14. CIVIL PENALTIES:

Any industrial user who has violated or continues to violate the Sewer Use Ordinance or any order or permit issued thereunder, shall be subject to a civil penalty of not more than two thousand dollars ($2,000.00) plus actual damages incurred by Manatee County, per violation, per day, as long as the violation continues. In addition to the above-described penalty and damages, Manatee County may recover reasonable attorney's fees, court costs, and other expenses associated with the enforcement activities, including sampling, monitoring and analysis expenses. The County shall petition the court to impose, assess, and recover such sums. In determining amounts of liability, the court shall take into account all relevant circumstances, including, but not limited to, the extent of harm caused by the violation, the magnitude and duration, any economic benefit gained through the industrial user's violation, corrective actions by the industrial user, the compliance history of the industrial user, and any other factor that justice requires.

15. CRIMINAL PROSECUTION:

Any industrial user who willfully violates any provision of the Sewer Use Ordinance, or any orders or permits issued thereunder, shall, upon conviction, be guilty of a misdemeanor, punishable by a fine not to exceed two thousand dollars ($2,000.00) and/or imprisonment in the County jail of up to sixty (60) days. Each day of a continuing violation shall be deemed a separate and distinct violation.

16. SURCHARGES TO BE ADDED TO UTILITY BILLING:

Any surcharges provided for in the Sewer Use Ordinance may, at the discretion of MCUD, be added to the applicable user's monthly utility billing, if the user is a MCUD utility or solid waste

customer.

17. ADMINISTRATIVE HEARINGS:

Any administrative surcharges provided for in the Sewer Use Ordinance shall be imposed only after the following hearing procedure has been complied with:

a. The Director shall provide the alleged violating user with written notification of the specific violation(s) and the applicable section(s) of this Ordinance.
b. The notification provided in subsection (a) above shall inform the alleged violating user of a date and time for an administrative hearing, which hearing shall occur no earlier than ten (10) days after the violator's receipt of the notification.
c. The Director or his designated representative shall preside over the administrative hearing and shall entertain testimony and evidence.
d. The alleged violating user shall have the opportunity to be represented by counsel and to examine and cross examine witnesses.
e. If the alleged violating user is represented at the hearing by counsel, the MCUD shall likewise be represented by the Office of the County Attorney.
f. The Director shall issue written findings as soon after the hearing as is practical.
g. The decision of the Director, if adverse to the alleged violating user, may be appealed to the Board of County Commissioners, in open session, for a final and binding decision. If an appeal is to be taken, written notice of the appeal shall be delivered to MCUD no later than ten (10) days after the violator's receipt of the Director's written findings.

APPENDIX C –FLOW METER CALIBRATION SHEETS

SIEMENS MAGFLO® Verification Certificate

Customer:

Name	Andy Long
Address	1600 Tallevast Road
	Sarasota, FL 34243
Phone	941-351-7959
Email	andy.long@aecom.com

MAGFLO® Identification:

TAG No./Name	0
Sensor Code No.	7ME65804HJ142
Sensor Serial No.	037901U192
Transmitter Code No.	7ME692
Transmitter Serial No.	190830U212
Location	FIT100 Influent

Results:

Verification file name or No.		File #5
Transmitter		Passed
Sensor	Insulation	Passed
	Magnetic Circuit	Passed

Velocity	**Current Output**			**Frequency Output**		
Theoretical	Theoretical	Actual	Deviation	Theoretical	Actual	Deviation
0.5m/s	4.800mA	4.808mA	0.97%	0.500kHz	0.500kHz	0.02%
1.0m/s	5.600mA	5.610mA	0.62%	1.000kHz	1.001kHz	0.13%
3.0m/s	8.800mA	8.808mA	0.17%	3.000kHz	3.000kHz	-0.01%

Current Output 4-20mA Frequency Output 0-10kHz

Transmitter Settings:

Basic	Qmax.	300.000 US G /min
	Flow Direction	Positive
	Low flow Cut-off	1.00%
	Empty Pipe	ON
Output	Current Output	OFF
	Time Constant	N/A
	Relay Output	Error Level
	Digital Output	Pulse
	Frequency Range	N/A
	Time Constant	N/A
	Volume/pulse	0.99999953 US G/p
	Pulse width	0.066 sec.
	Pulse polarity	Positiv
Totalizer 1 value before test		209.7695498 US MG
Totalizer 1 value after test		209.76956631 US MG
Totalizer 2 value before test		0.00162639 US MG
Totalizer 2 value after test		0.00162665 US MG
Operating time in days		691

Sensor Details:

Size	DN 150 6 IN
Cal. Factor	18.16568565
Correction Factor	1.0
Excitation Freq.	7.5Hz

Verificator Details (083F5061)

Serial No.	101715N460
Device No.	92525
Software Version	1.40
PC-Software Version	5.01
Cal. date	2015.06.16
ReCal. date	2016.06.15

Comments

These tests verify that the flowmeter is functioning within 2% deviation of the original test parameters.

Verification is traceable to National and International Standards.

Date and signature

2016.04.11 Ryan Dean

SIEMENS MAGFLO® Verification Certificate

Customer:

Name	Andy Long
Address	1600 Tallevast Road
	Sarasota, FL 34243
Phone	941-351-7959
Email	andy.long@aecom.com

MAGFLO® Identification:

TAG No./Name	0
Sensor Code No.	7ME658
Sensor Serial No.	710103U425
Transmitter Code No.	7ME691
Transmitter Serial No.	108830U082
Location	FIT500 Effluent New Tube

Results:

Verification file name or No.		File #7
Transmitter		Passed
Sensor	Insulation	Passed
	Magnetic Circuit	Passed

Velocity	Current Output			Frequency Output		
Theoretical	Theoretical	Actual	Deviation	Theoretical	Actual	Deviation
0.5m/s	4.800mA	4.808mA	0.95%	0.500kHz	0.500kHz	0.03%
1.0m/s	5.600mA	5.609mA	0.57%	1.000kHz	1.001kHz	0.11%
3.0m/s	8.800mA	8.814mA	0.29%	3.000kHz	3.004kHz	0.12%

Current Output 4-20mA Frequency Output 0-10kHz

Transmitter Settings:

Basic	Qmax.	528.344 US G /min
	Flow Direction	Positive
	Low flow Cut-off	1.50%
	Empty Pipe	OFF
Output	Current Output	OFF
	Time Constant	N/A
	Relay Output	Error Level
	Digital Output	Pulse
	Frequency Range	N/A
	Time Constant	N/A
	Volume/pulse	0.99999953 US G/p
	Pulse width	0.066 sec.
	Pulse polarity	Positiv
Totalizer 1 value before test		198.28896261 US MG
Totalizer 1 value after test		198.28896261 US MG
Totalizer 2 value before test		0.00911436 US MG
Totalizer 2 value after test		0.00911436 US MG
Operating time in days		1166

Sensor Details:

Size	DN 100 4 IN
Cal. Factor	8.06648159
Correction Factor	1.0
Excitation Freq.	7.5Hz

Verificator Details (083F5061)

Serial No.	101715N460
Device No.	92525
Software Version	1.40
PC-Software Version	5.01
Cal. date	2015.06.16
ReCal. date	2016.06.15

Comments

This is new tube with correct sensor prom.

These tests verify that the flowmeter is functioning within 2% deviation of the original test parameters.

Verification is traceable to National and International Standards.

Date and signature

2016.04.11 Ryan Dean

SIEMENS MAGFLO® Verification Certificate

Customer:

Name	Andy Long
Address	1600 Tallevast Road
	Sarasota, FL 34243
Phone	941-351-7959
Email	andy.long@aecom.com

MAGFLO® Identification:

TAG No./Name	0
Sensor Code No.	7ME658
Sensor Serial No.	048101U212
Transmitter Code No.	7ME692
Transmitter Serial No.	N1D1236072
Location	FIT665-Recharge

Results:

Verification file name or No.		File #2
Transmitter		Passed
Sensor	Insulation	Passed
	Magnetic Circuit	Passed

Velocity	**Current Output**			**Frequency Output**		
Theoretical	Theoretical	Actual	Deviation	Theoretical	Actual	Deviation
0.5m/s	4.800mA	4.802mA	0.26%	0.500kHz	0.500kHz	0.09%
1.0m/s	5.600mA	5.599mA	-0.07%	1.000kHz	0.999kHz	-0.12%
3.0m/s	8.800mA	8.802mA	0.05%	3.000kHz	3.003kHz	0.10%

Current Output 4-20mA Frequency Output 0-10kHz

Transmitter Settings:

Basic	Qmax.	50.0000 US G /min
	Flow Direction	Positive
	Low flow Cut-off	1.50%
	Empty Pipe	ON
Output	Current Output	OFF
	Time Constant	N/A
	Relay Output	Error Level
	Digital Output	Pulse
	Frequency Range	N/A
	Time Constant	N/A
	Volume/pulse	0.99999953 US G/p
	Pulse width	0.066 sec.
	Pulse polarity	Positiv
Totalizer 1 value before test		12491.43742252 US kG
Totalizer 1 value after test		12491.44258213 US kG
Totalizer 2 value before test		0.21871221 US kG
Totalizer 2 value after test		0.21871291 US kG
Operating time in days		1072

Sensor Details:

Size	DN 80 3 IN
Cal. Factor	4.74680233
Correction Factor	1.0
Excitation Freq.	7.5Hz

Verificator Details (083F5061)

Serial No.	101715N460
Device No.	92525
Software Version	1.40
PC-Software Version	5.01
Cal. date	2015.06.16
ReCal. date	2016.06.15

Comments

These tests verify that the flowmeter is functioning within 2% deviation of the original test parameters.

Verification is traceable to National and International Standards.

Date and signature

2016.04.11 Ryan Dean

EW2001 - Installed on 2/6/14 at 0900hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 200501H473
Cal. Factor	0.158712		
System Serial NO.	7ME611 147312U034		

Calibration Data

Full scale flow	0.793561	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	65	21.0	0.5137	6480.250	0.5142	0.11
2	58	21.1	0.4584	5787.630	0.4593	0.18
3	18	21.1	0.1394	1754.400	0.1392	-0.09
4	16	20.9	0.1252	1574.170	0.1249	-0.20
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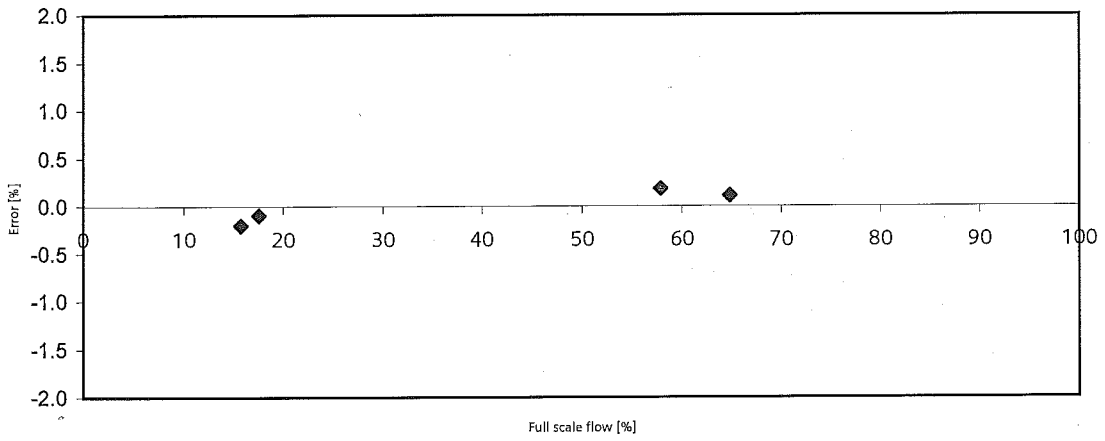

Calibrated by		RFR	
Date	2013-12-09	Time	08:22:59

2002

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 208701H182
Cal. Factor	0.151585		
System Serial NO.	7ME611 065412U252		

Calibration Data

Full scale flow	2.72853	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	23.4	1.7042	6256.040	1.7070	0.16
2	63	23.4	1.7038	6250.560	1.7055	0.10
3	17	23.5	0.4682	1711.690	0.4670	-0.24
4	17	23.5	0.4679	1714.500	0.4678	-0.02
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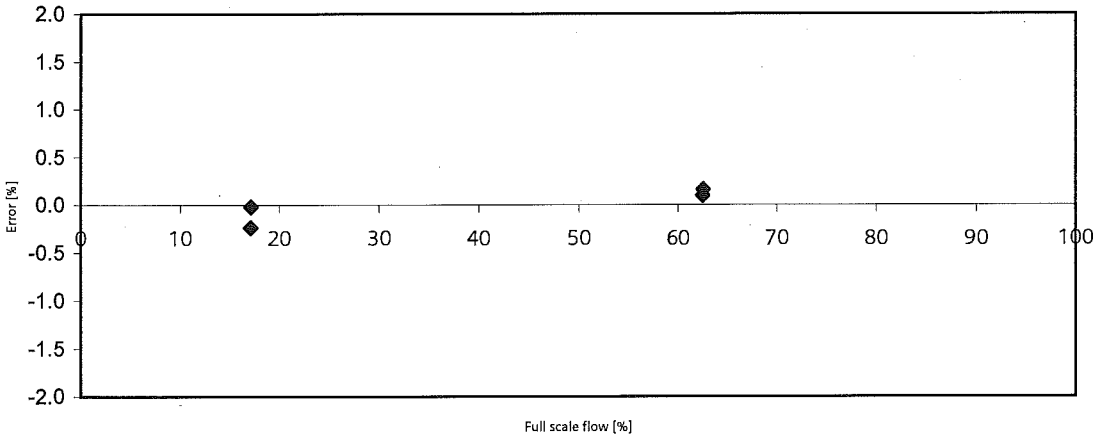

Calibrated by	NJA		
Date	2012-05-09	**Time**	09:43:20

EW2003 - Installed on 2/4/14 at 1600hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 923101H043
Cal. Factor	0.152112		
System Serial NO.	7ME611 147412U034		

Calibration Data

Full scale flow	2.73802	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	67	22.2	1.8327	6701.100	1.8348	0.11
2	64	22.2	1.7550	6416.420	1.7568	0.10
3	17	22.2	0.4567	1666.220	0.4562	-0.10
4	18	22.1	0.4925	1796.520	0.4919	-0.12
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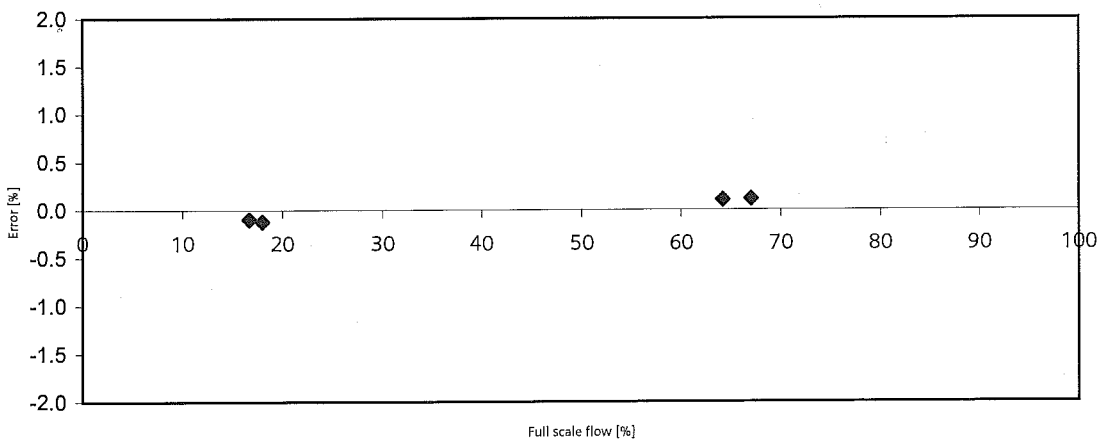

Calibrated by	RFR		
Date	2013-01-25	Time	08:42:56

2E04

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 208501H182
Cal. Factor	0.152106		
System Serial NO.	7ME611 064912U252		

Calibration Data

Full scale flow	2.73791	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	62	23.2	1.7072	6242.400	1.7091	0.11
2	62	23.4	1.7033	6227.220	1.7050	0.10
3	17	23.3	0.4665	1701.500	0.4659	-0.13
4	17	23.3	0.4656	1699.350	0.4653	-0.08
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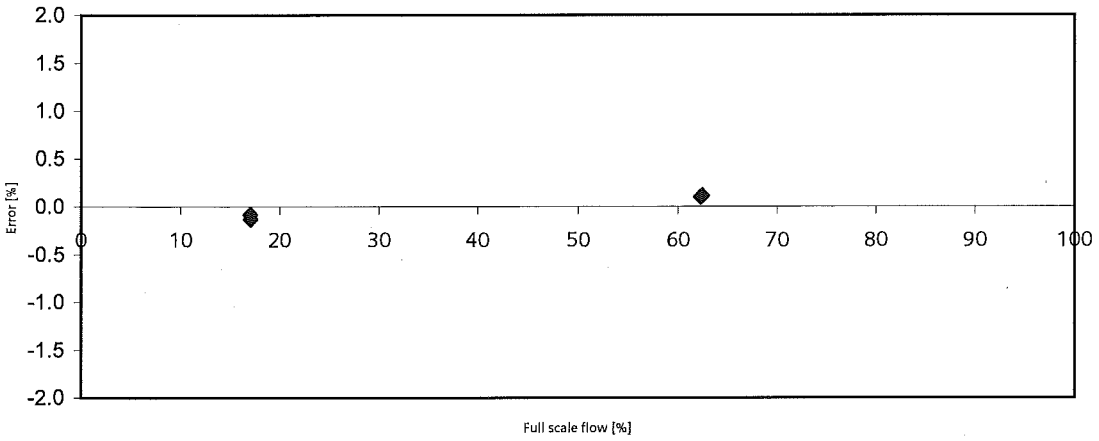

Calibrated by	VSC		
Date	2012-05-07	Time	12:29:55

EW2005 - Installed on 2/6/14 at 0800hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 191201H453
Cal. Factor	0.156918		
System Serial NO.	7ME611 147512U034		

Calibration Data

Full scale flow	0.784591	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	65	22.6	0.5080	6483.610	0.5087	0.14
2	58	22.6	0.4551	5803.700	0.4554	0.06
3	16	22.6	0.1282	1631.340	0.1280	-0.18
4	17	22.6	0.1352	1723.270	0.1352	-0.02
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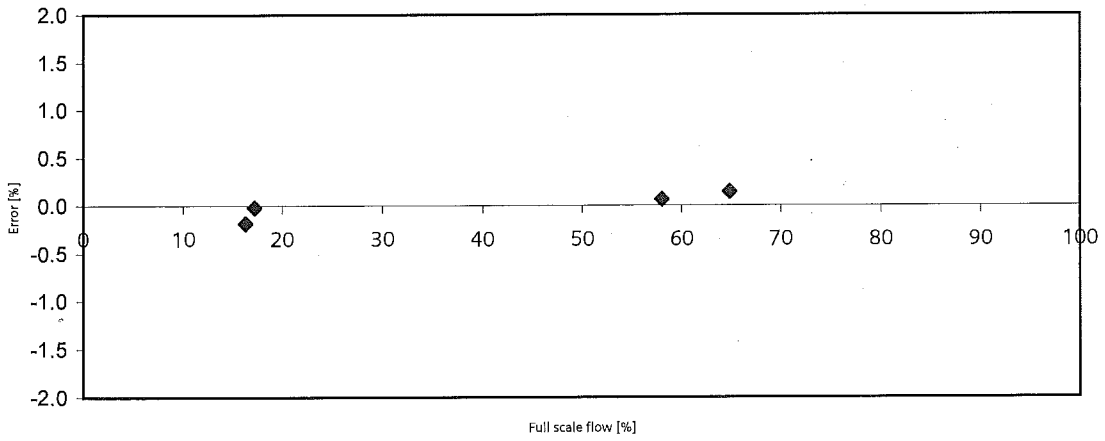

Calibrated by	NJA		
Date	2013-12-09	Time	16:40:14

2006

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 208801H182
Cal. Factor	0.152285		
System Serial NO.	7ME611 065112U252		

Calibration Data

Full scale flow	2.74113	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	24.0	1.7120	6253.510	1.7142	0.13
2	63	24.0	1.7122	6251.290	1.7136	0.08
3	17	24.1	0.4671	1702.100	0.4666	-0.11
4	17	24.1	0.4671	1702.120	0.4666	-0.11
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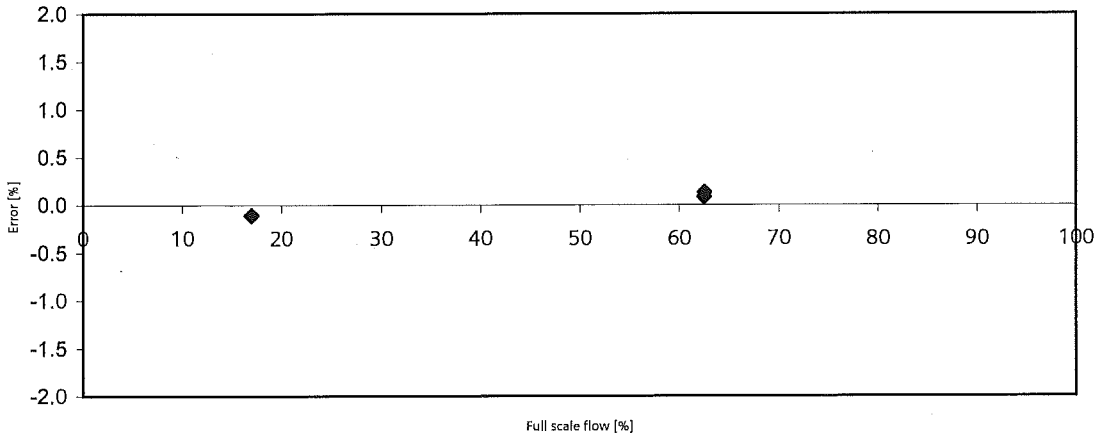

Calibrated by		RFR	
Date	2012-05-09	**Time**	10:26:33

EW2007 - Installed on 2/4/14 at 1500hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 201401H473
Cal. Factor	0.159727		
System Serial NO.	7ME611 148012U034		

Calibration Data

Full scale flow	0.798636	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	23.0	0.5013	6285.290	0.5020	0.13
2	59	23.1	0.4680	5867.160	0.4686	0.11
3	16	22.9	0.1286	1608.570	0.1285	-0.07
4	16	22.9	0.1286	1607.280	0.1284	-0.16
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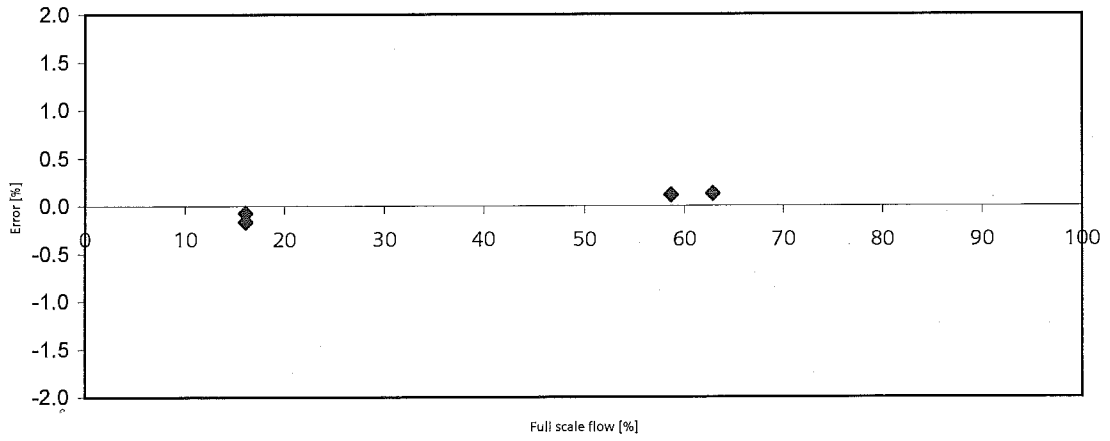

Calibrated by		NJA	
Date	2013-12-09	Time	21:31:54

EW2008 - Installed on 1/29/14 at 1100hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 248201H014
Cal. Factor	0.152745		
System Serial NO.	7ME611 148412U034		

Calibration Data

Full scale flow	0.763727	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	69	21.6	0.5231	6861.520	0.5240	0.18
2	62	21.6	0.4718	6189.620	0.4727	0.20
3	18	21.6	0.1346	1759.310	0.1344	-0.19
4	17	21.5	0.1309	1711.350	0.1307	-0.19
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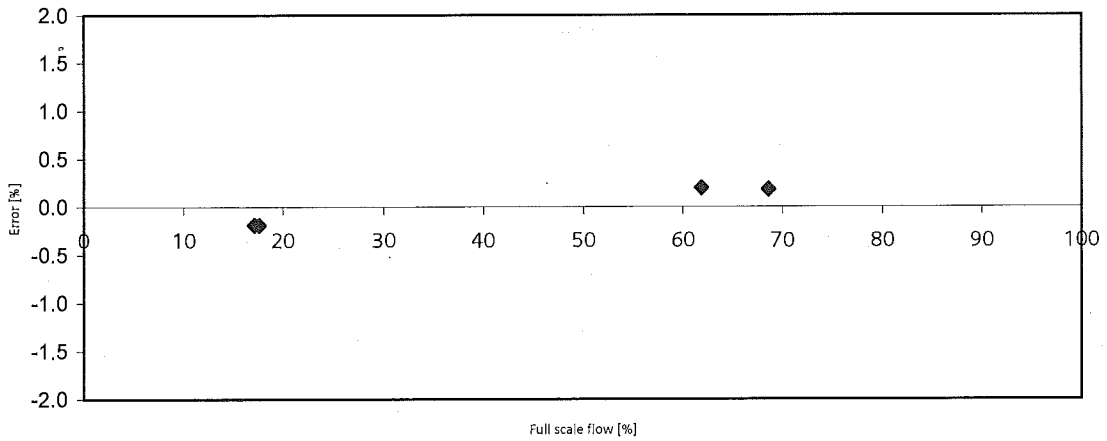

Calibrated by	VSC		
Date	2014-01-07	Time	06:40:59

EW2009 - Installed on 1/29/14 at 1000hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 248301H014
Cal. Factor	0.148139		
System Serial NO.	7ME611 148512U034		

Calibration Data

Full scale flow	0.740694	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	68	21.8	0.5023	6787.950	0.5028	0.09
2	64	21.9	0.4726	6376.970	0.4723	-0.06
3	18	21.9	0.1324	1790.700	0.1326	0.19
4	18	21.9	0.1324	1784.110	0.1321	-0.22
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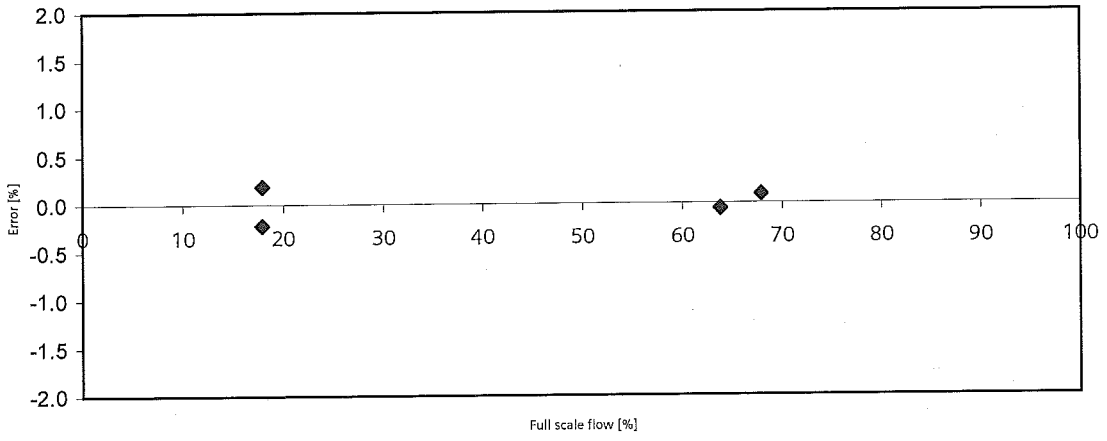

Calibrated by		VSC	
Date	2014-01-06	Time	15:13:55

EW -2010

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 209301H182
Cal. Factor	0.152249		
System Serial NO.	7ME611 064812U252		

Calibration Data

Full scale flow	2.74048	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	24.6	1.7139	6264.480	1.7168	0.17
2	63	24.8	1.7140	6263.320	1.7165	0.15
3	17	24.8	0.4684	1707.220	0.4679	-0.13
4	17	24.8	0.4684	1705.920	0.4675	-0.19
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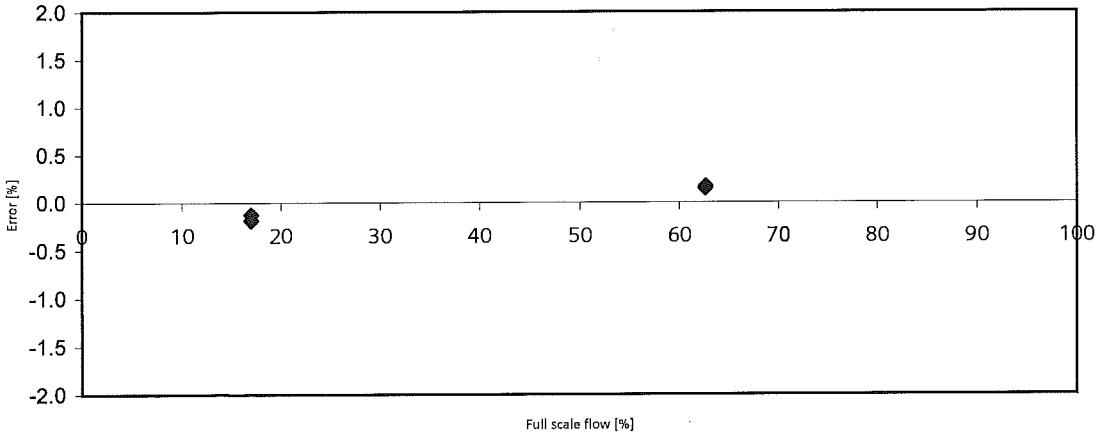

Calibrated by	RFR		
Date	2012-05-09	**Time**	11:46:57

EW2011 - Installed on 2/4/14 at 1300hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 200701H473
Cal. Factor	0.154113		
System Serial NO.	7ME611 147912U034		

Calibration Data

Full scale flow	0.770567	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	66	21.2	0.5097	6631.060	0.5110	0.24
2	60	21.2	0.4600	5983.560	0.4611	0.22
3	17	21.3	0.1282	1658.470	0.1278	-0.30
4	18	21.3	0.1389	1799.930	0.1387	-0.16
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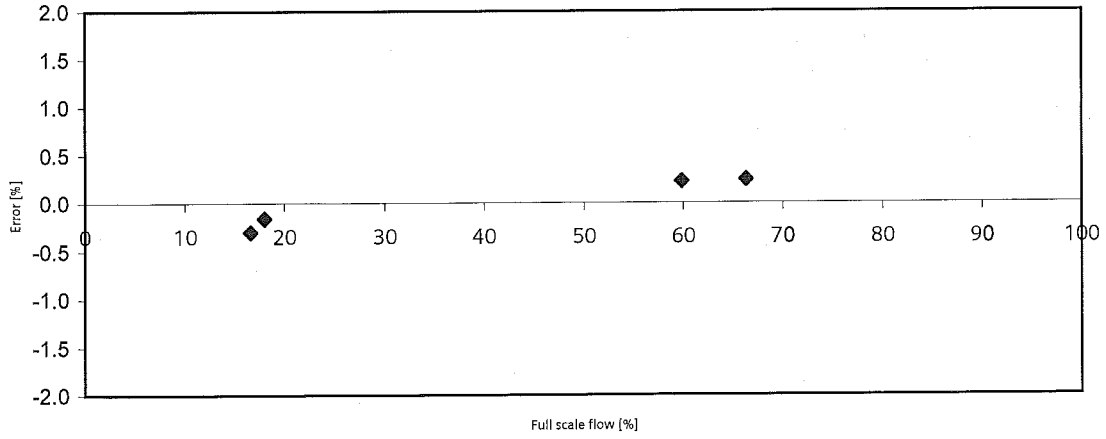

Calibrated by	VSC		
Date	2013-12-09	Time	09:30:46

EW2012 - Installed on 1/30/14 at 1430hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 247901H014
Cal. Factor	0.147125		
System Serial NO.	7ME611 148312U034		

Calibration Data

Full scale flow	0.735623	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	69	20.5	0.5038	6859.820	0.5046	0.16
2	64	20.5	0.4685	6379.910	0.4693	0.17
3	19	20.5	0.1376	1866.890	0.1373	-0.17
4	17	20.5	0.1253	1700.490	0.1251	-0.16
5						
6						
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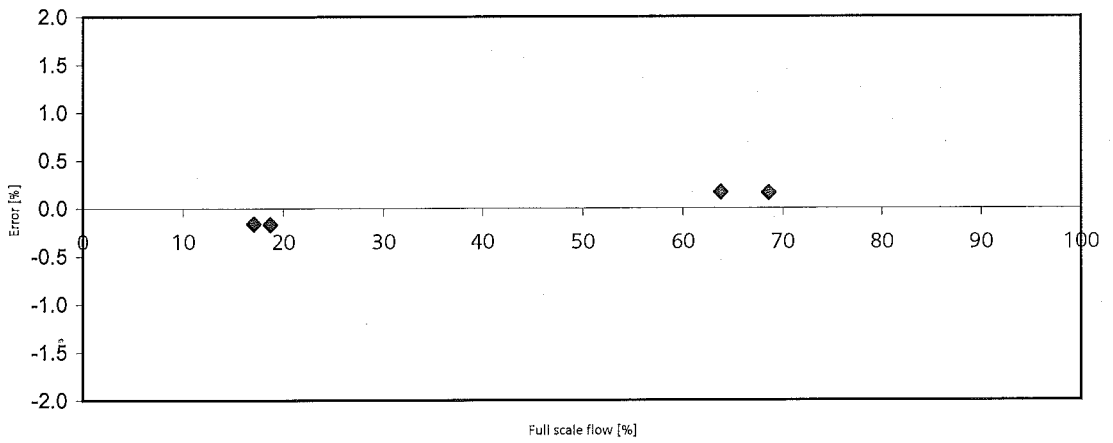
8						
9						
10						



Calibrated by		VSC	
Date	2014-01-06	Time	07:38:40

2013

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 216301H182
Cal. Factor	0.150876		
System Serial NO.	7ME611 061312U232		

Calibration Data

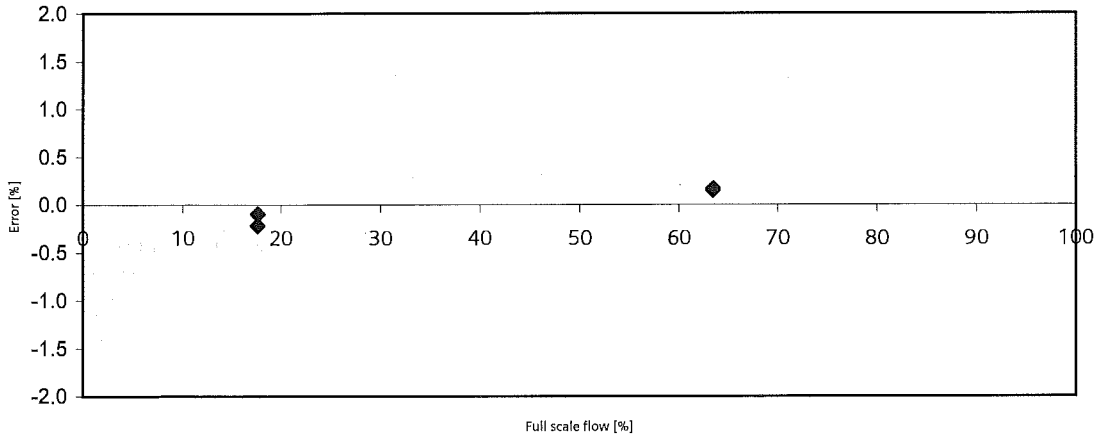
Full scale flow	2.71577	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	24.5	1.7201	6344.270	1.7230	0.16
2	63	24.6	1.7196	6341.340	1.7222	0.15
3	18	24.7	0.4792	1762.830	0.4787	-0.10
4	18	24.6	0.4792	1760.750	0.4782	-0.22
5						
6						
7						
8						
9						
10						



Calibrated by	NJA		
Date	2012-05-10	**Time**	14:42:42

2014

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 216501H182
Cal. Factor	0.151102		
System Serial NO.	7ME611 060112U232		

Calibration Data

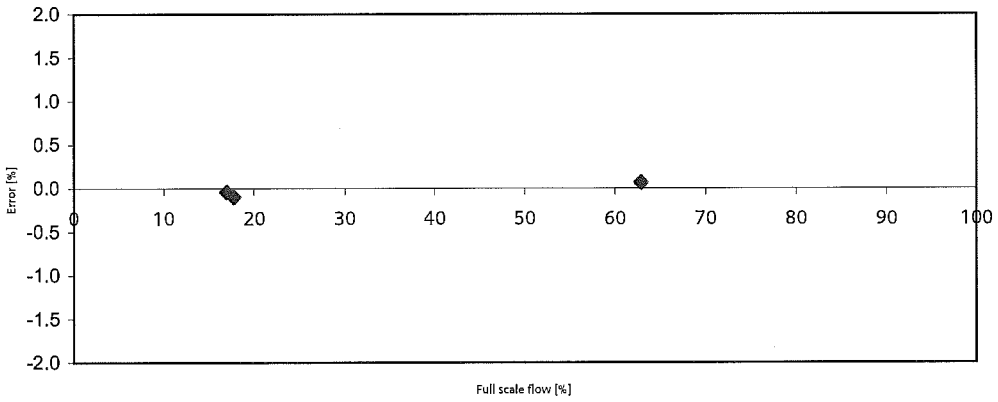
Full scale flow	2.71984	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	23.5	1.7093	6288.760	1.7104	0.07
2	63	23.6	1.7094	6289.300	1.7106	0.07
3	17	23.7	0.4606	1692.780	0.4604	-0.04
4	18	23.6	0.4825	1772.300	0.4820	-0.10
5						
6						
7						
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-11	Time	07:47:45

2015

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 213401H182
Cal. Factor	0.152948		
System Serial NO.	7ME611 060212U232		

Calibration Data

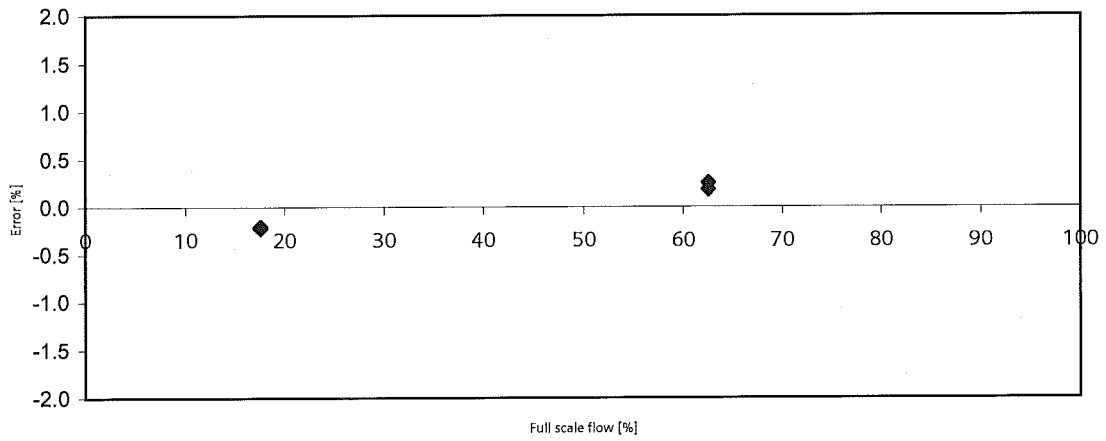
Full scale flow	2.75307	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	23.7	1.7177	6254.900	1.7220	0.25
2	63	23.8	1.7182	6252.280	1.7213	0.18
3	18	23.7	0.4835	1752.230	0.4824	-0.22
4	18	23.7	0.4835	1752.680	0.4825	-0.21
5						
6						
7						
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-11	Time	08:08:54

2016

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 216701H182
Cal. Factor	0.150342		
System Serial NO.	7ME611 066112U252		

Calibration Data

Full scale flow	2.70616	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	22.1	1.7096	6331.800	1.7135	0.23
2	63	22.3	1.7096	6331.230	1.7133	0.22
3	17	22.2	0.4641	1711.000	0.4630	-0.23
4	17	22.1	0.4608	1699.260	0.4598	-0.21
5						
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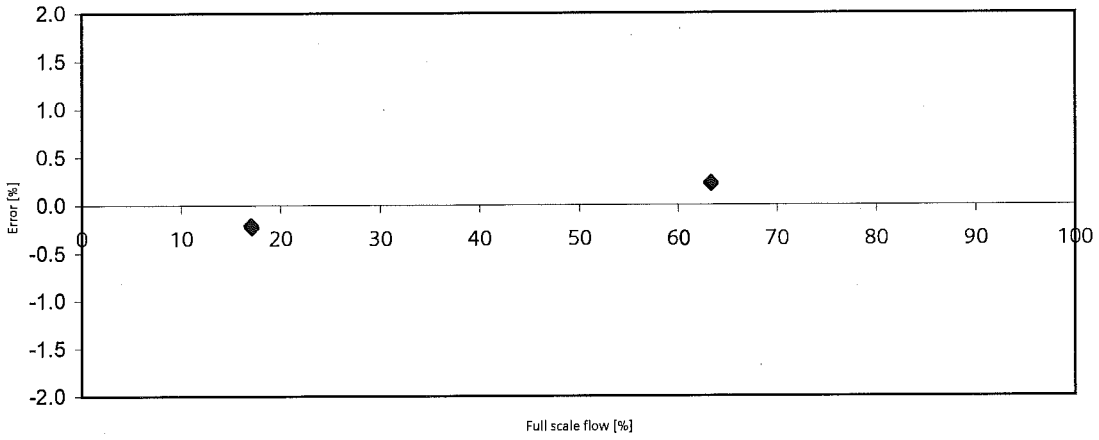
7						
8						
9						
10						



Calibrated by		RFR	
Date	2012-05-10	**Time**	08:45:03

2017

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 208101H182
Cal. Factor	0.155816		
System Serial NO.	7ME611 067612U252		

Calibration Data

Full scale flow	2.80469	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	61	23.5	1.7159	6121.970	1.7170	0.07
2	61	23.6	1.7166	6122.230	1.7171	0.03
3	17	23.7	0.4757	1695.020	0.4754	-0.05
4	17	23.7	0.4757	1695.330	0.4755	-0.04
5						
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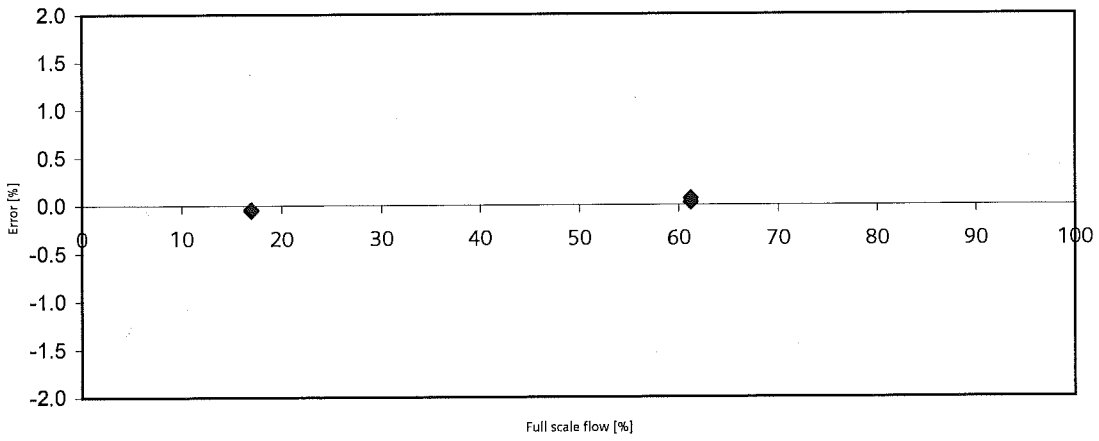
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-07	**Time**	12:51:44

2018

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 209501H182
Cal. Factor	0.152062		
System Serial NO.	7ME611 066212U252		

Calibration Data

Full scale flow	2.73712	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	25.8	1.7294	6330.590	1.7328	0.19
2	63	25.9	1.7293	6332.440	1.7333	0.23
3	17	25.9	0.4696	1712.010	0.4686	-0.22
4	17	26.0	0.4694	1711.570	0.4685	-0.20
5						
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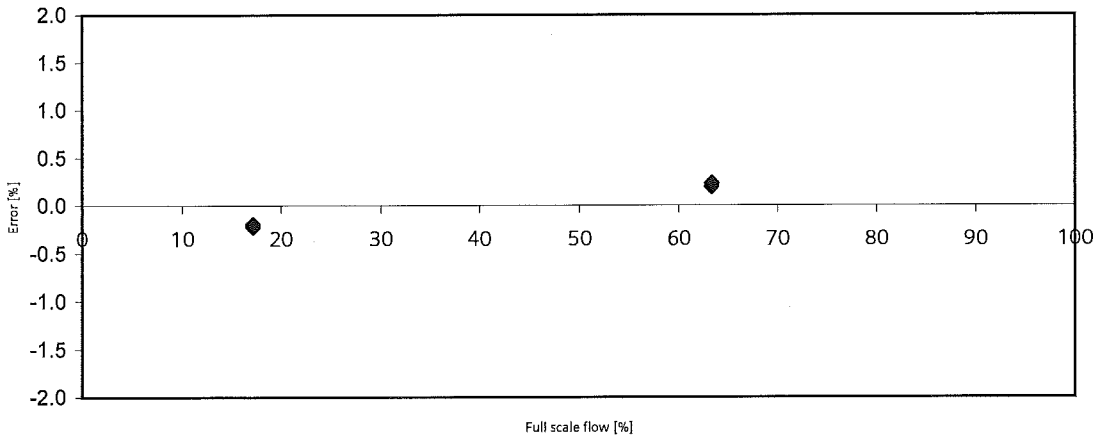
7						
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-09	**Time**	15:06:24

2019

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 216801H182
Cal. Factor	0.153825		
System Serial NO.	7ME611 066312U252		

Calibration Data

Full scale flow	2.76886	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	62	22.3	1.7032	6154.820	1.7042	0.06
2	62	22.5	1.7029	6155.650	1.7044	0.09
3	17	22.5	0.4706	1698.780	0.4704	-0.05
4	17	22.4	0.4707	1698.150	0.4702	-0.10
5						
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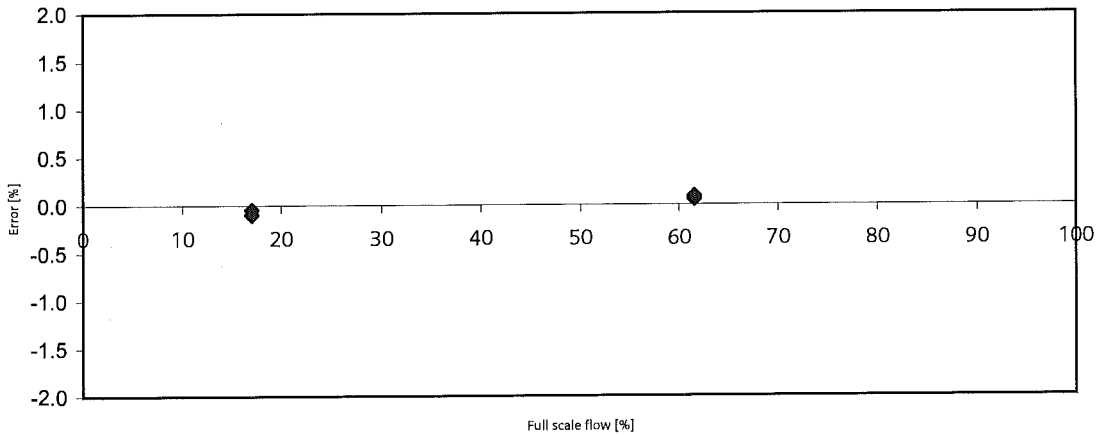
7						
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-10	**Time**	09:27:06

2020

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 212301H182
Cal. Factor	0.152531		
System Serial NO.	7ME611 066412U252		

Calibration Data

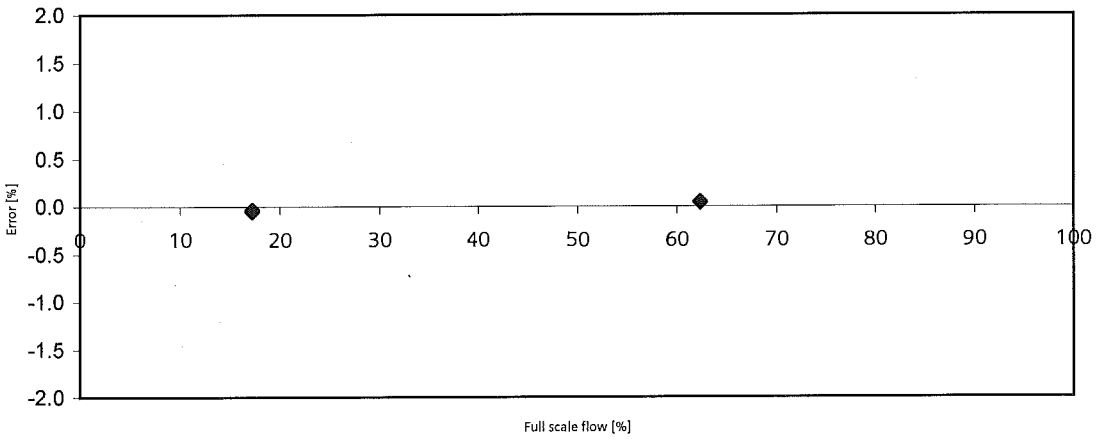
Full scale flow	2.74556	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	62	24.2	1.7098	6229.970	1.7105	0.04
2	62	24.4	1.7096	6229.590	1.7104	0.05
3	17	24.4	0.4724	1719.820	0.4722	-0.04
4	17	24.4	0.4724	1719.680	0.4721	-0.05
5						
6						
7						
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-22	**Time**	14:21:16

2024

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 211101H182
Cal. Factor	0.14971		
System Serial NO.	7ME611 066512U252		

Calibration Data

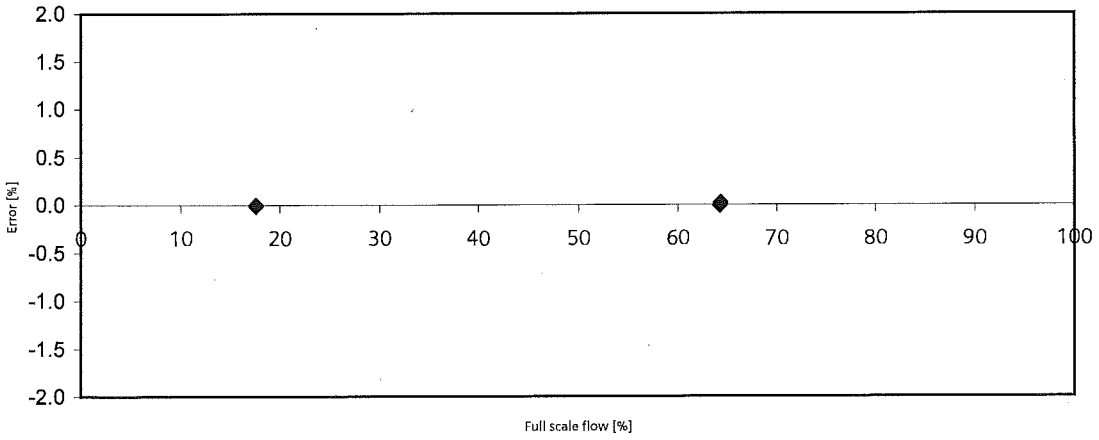
Full scale flow	2.69478	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	64	21.0	1.7315	6424.980	1.7314	-0.01
2	64	21.4	1.7330	6432.140	1.7333	0.02
3	18	21.5	0.4730	1755.190	0.4730	-0.01
4	18	21.4	0.4731	1755.490	0.4731	0.00
5						
6						
7						
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-15	**Time**	08:41:14

2022

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 212601H182
Cal. Factor	0.152893		
System Serial NO.	7ME611 066612U252		

Calibration Data

Full scale flow	2.75208	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	60	24.9	1.6429	5977.460	1.6450	0.13
2	64	25.2	1.7660	6425.710	1.7684	0.13
3	17	25.2	0.4798	1741.430	0.4793	-0.11
4	17	25.2	0.4798	1740.790	0.4791	-0.15
5						
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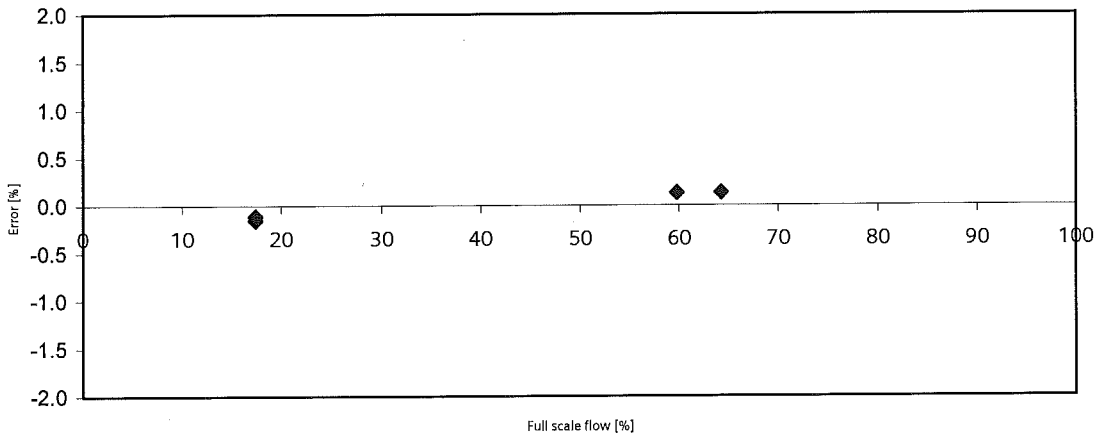
7						
8						
9						
10						



Calibrated by	VSC		
Date	2012-05-24	**Time**	14:16:15

2023

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 214101H182
Cal. Factor	0.152119		
System Serial NO.	7ME611 066712U252		

Calibration Data

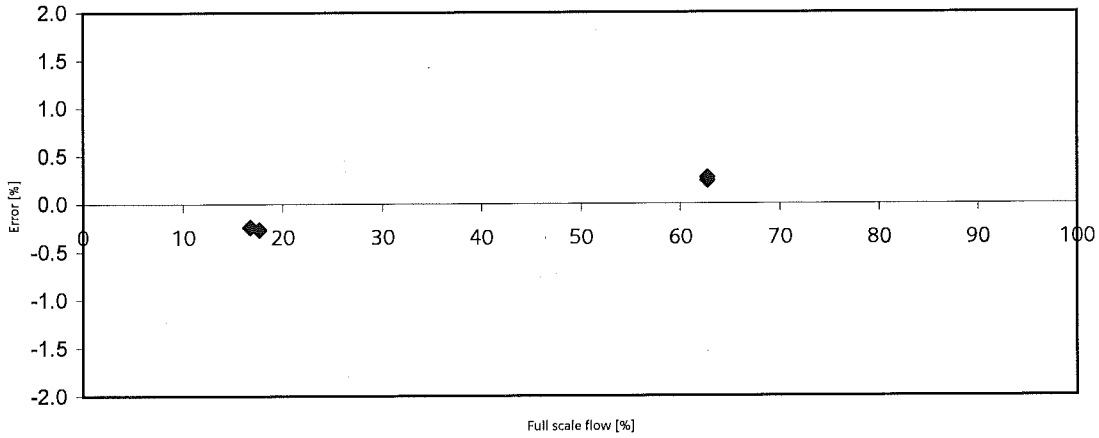
Full scale flow	2.73815	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	24.6	1.7124	6270.730	1.7170	0.27
2	63	24.8	1.7124	6269.050	1.7166	0.24
3	18	24.8	0.4840	1762.930	0.4827	-0.27
4	17	24.8	0.4594	1673.720	0.4583	-0.24
5						
6						
7						
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-23	Time	14:13:50

3024
2024

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 211501H182
Cal. Factor	0.151929		
System Serial NO.	7ME611 066812U252		

Calibration Data

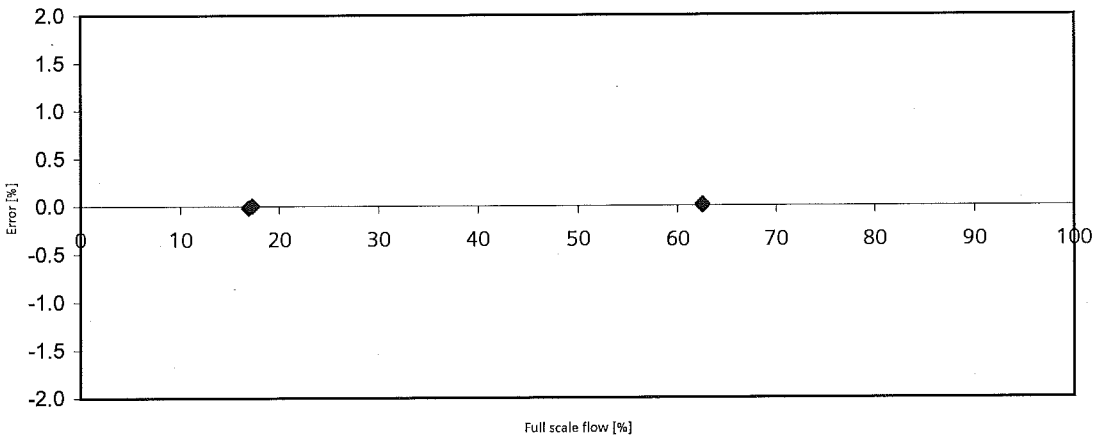
Full scale flow	2.73472	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	22.6	1.7105	6254.890	1.7105	0.00
2	63	22.8	1.7101	6254.150	1.7103	0.01
3	17	22.8	0.4627	1691.800	0.4627	-0.02
4	17	22.7	0.4720	1726.150	0.4721	0.00
5						
6						
7						
8						
9						
10						



Calibrated by		RFR	
Date	2012-05-10	**Time**	10:11:35

2025

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 209901H182
Cal. Factor	0.150705		
System Serial NO.	7ME611 066912U252		

Calibration Data

Full scale flow	2.71269	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	21.8	1.7121	6314.980	1.7131	0.06
2	63	22.2	1.7120	6314.920	1.7130	0.06
3	17	22.3	0.4719	1739.100	0.4718	-0.02
4	17	22.0	0.4719	1737.960	0.4715	-0.10
5						
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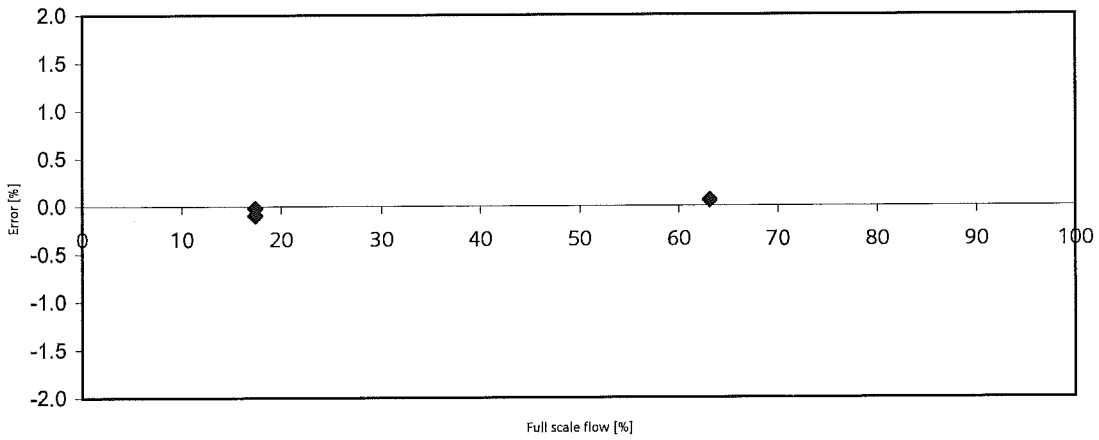
7						
8						
9						
10						



Calibrated by		RFR	
Date	2012-05-15	**Time**	13:04:28

2024

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 212401H182
Cal. Factor	0.152669		
System Serial NO.	7ME611 068212U252		

Calibration Data

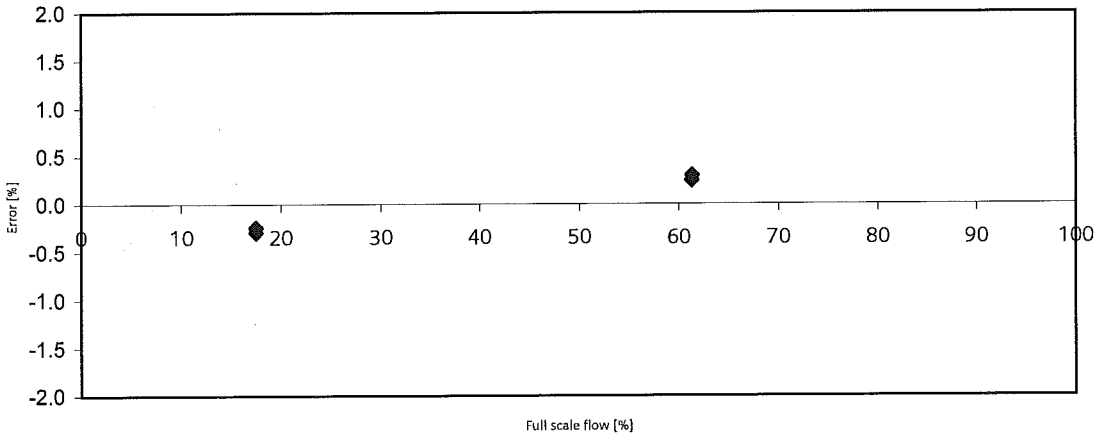
Full scale flow	2.74804	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	61	24.0	1.6809	6134.920	1.6859	0.30
2	61	24.3	1.6808	6131.310	1.6849	0.24
3	17	24.2	0.4813	1746.460	0.4799	-0.29
4	17	24.2	0.4814	1747.370	0.4802	-0.24
5						
6						
7						
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-22	**Time**	13:49:00

2027

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 211801H182
Cal. Factor	0.151078		
System Serial NO.	7ME611 068312U252		

Calibration Data

Full scale flow	2.71941	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	23.7	1.7125	6313.340	1.7169	0.25
2	63	23.9	1.7129	6314.570	1.7172	0.25
3	17	24.0	0.4664	1710.520	0.4652	-0.27
4	17	24.0	0.4664	1711.200	0.4653	-0.24
5						
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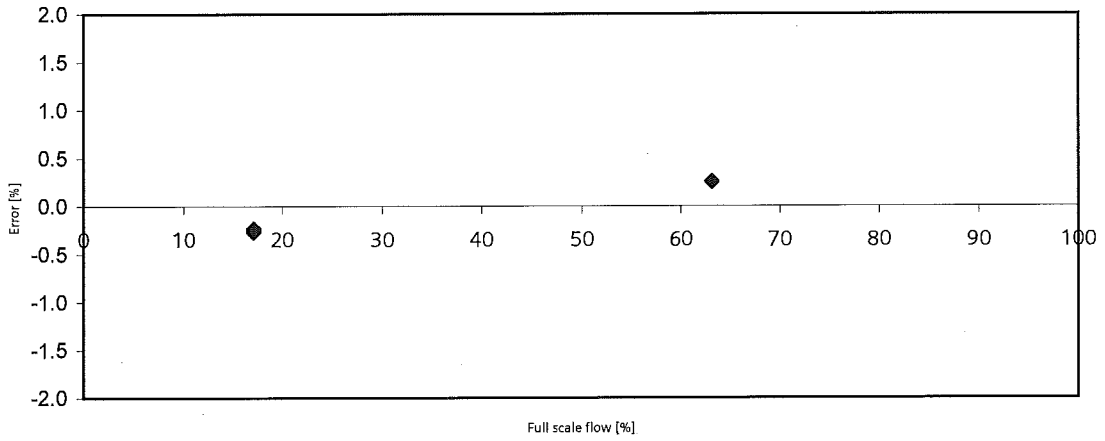
10						



Calibrated by	RFR		
Date	2012-05-23	**Time**	09:11:21

2025

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 211401H182
Cal. Factor	0.1509		
System Serial NO.	7ME611 068412U252		

Calibration Data

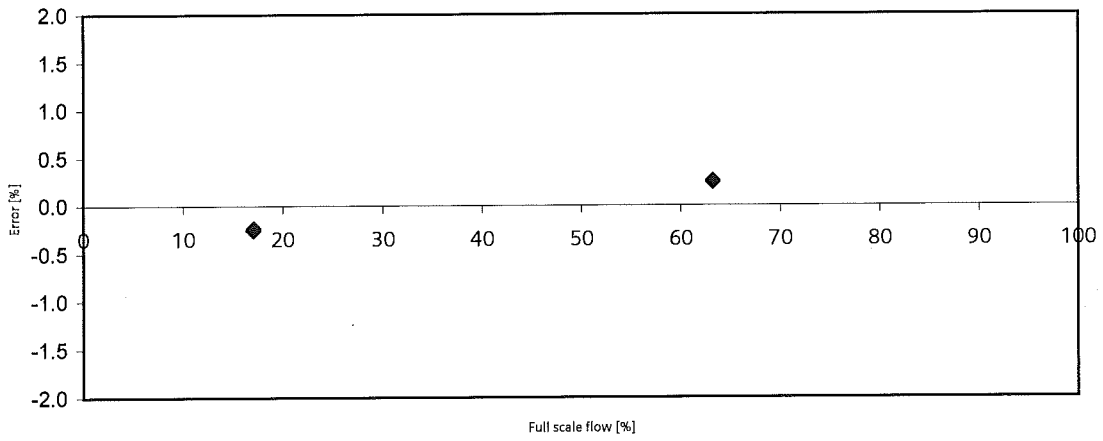
Full scale flow	2.7162	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	22.8	1.7123	6319.450	1.7165	0.24
2	63	23.0	1.7125	6320.560	1.7168	0.25
3	17	22.9	0.4647	1706.780	0.4636	-0.24
4	17	22.9	0.4636	1702.450	0.4624	-0.25
5						
6						
7						
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-10	**Time**	10:33:14

2029

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 212901H182
Cal. Factor	0.180286		
System Serial NO.	7ME611 068512U252		

Calibration Data

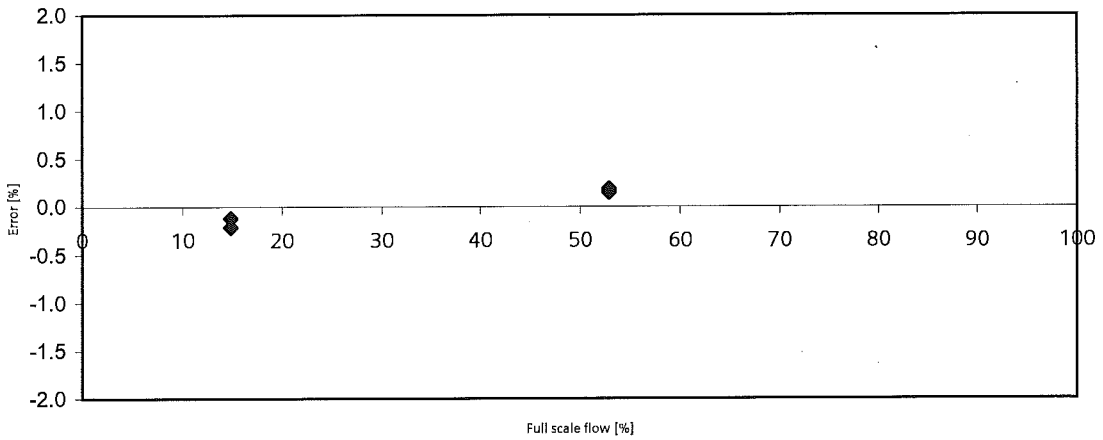
Full scale flow	3.24514	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	53	24.6	1.7148	5291.970	1.7173	0.15
2	53	24.8	1.7141	5291.890	1.7173	0.19
3	15	24.9	0.4821	1482.480	0.4811	-0.21
4	15	24.9	0.4822	1484.000	0.4816	-0.12
5						
6						
7						
8						
9						
10						



Calibrated by	VSC		
Date	2012-05-24	**Time**	13:31:21

2030

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 210001H182
Cal. Factor	0.150368		
System Serial NO.	7ME611 068612U252		

Calibration Data

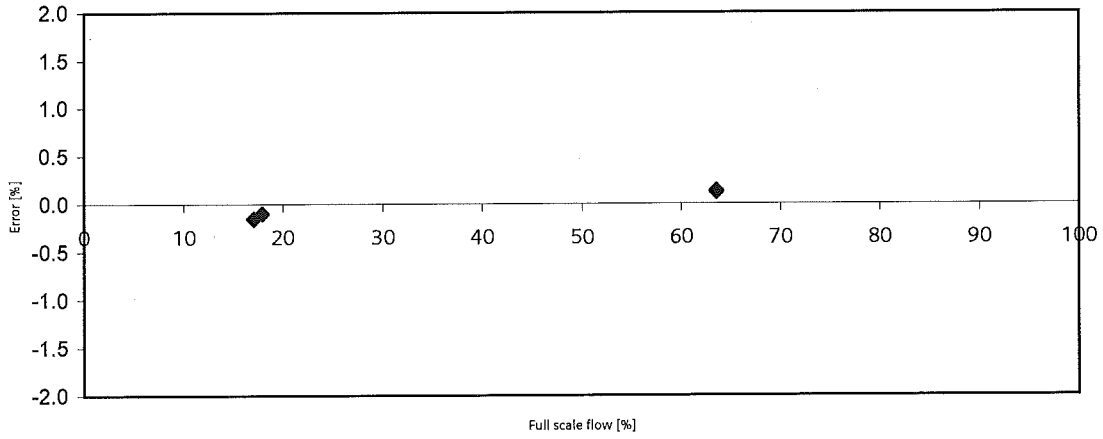
Full scale flow	2.70662	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	64	21.8	1.7172	6352.200	1.7193	0.12
2	64	22.1	1.7172	6352.840	1.7195	0.13
3	18	22.2	0.4845	1788.380	0.4840	-0.10
4	17	21.9	0.4620	1704.270	0.4613	-0.15
5						
6						
7						
8						
9						
10						



Calibrated by	NJA		
Date	2012-05-15	**Time**	12:19:21

2031

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 212501H182
Cal. Factor	0.148446		
System Serial NO.	7ME611 068712U252		

Calibration Data

Full scale flow	2.67203	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	68	23.5	1.8211	6820.610	1.8225	0.08
2	61	23.7	1.6303	6104.160	1.6311	0.05
3	17	23.8	0.4438	1660.160	0.4436	-0.05
4	18	23.7	0.4885	1827.070	0.4882	-0.07
5						
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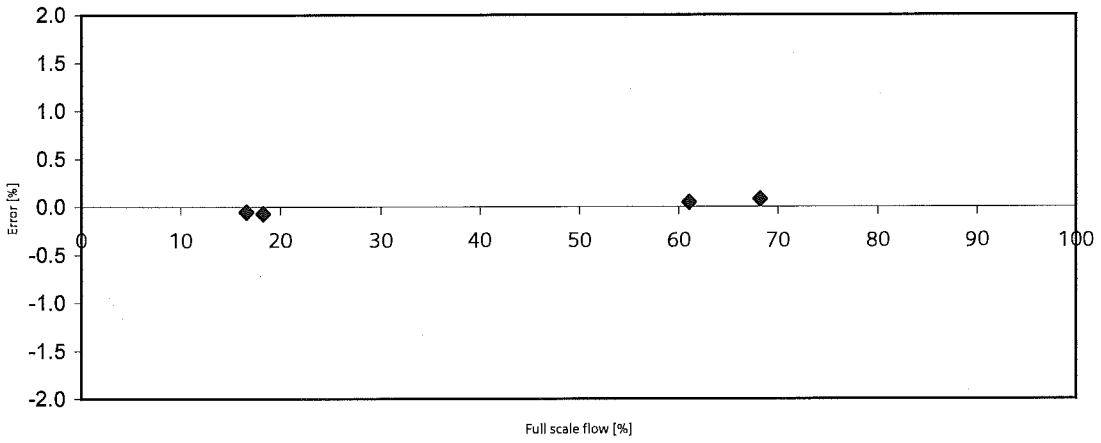
8						
9						
10						



Calibrated by		VSC	
Date	2012-05-23	**Time**	08:03:13

2032

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 214001H182
Cal. Factor	0.156906		
System Serial NO.	7ME611 068812U252		

Calibration Data

Full scale flow	2.8243	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	62	23.1	1.7424	6186.560	1.7473	0.28
2	62	23.4	1.7428	6188.690	1.7479	0.29
3	16	23.2	0.4586	1618.430	0.4571	-0.32
4	17	23.1	0.4933	1742.410	0.4921	-0.25
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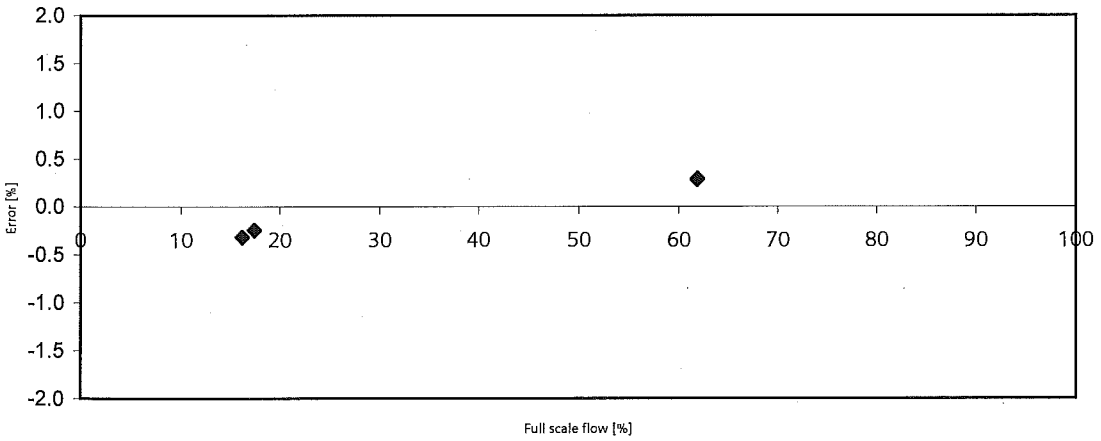
9						
10						



Calibrated by	RFR		
Date	2012-05-24	Time	07:44:24

2033

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 209801H182
Cal. Factor	0.151677		
System Serial NO.	7ME611 068912U252		

Calibration Data

Full scale flow	2.73019	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	21.8	1.7098	6274.720	1.7131	0.20
2	63	22.1	1.7098	6275.420	1.7133	0.20
3	17	22.2	0.4687	1712.880	0.4676	-0.22
4	17	22.1	0.4687	1713.520	0.4678	-0.18
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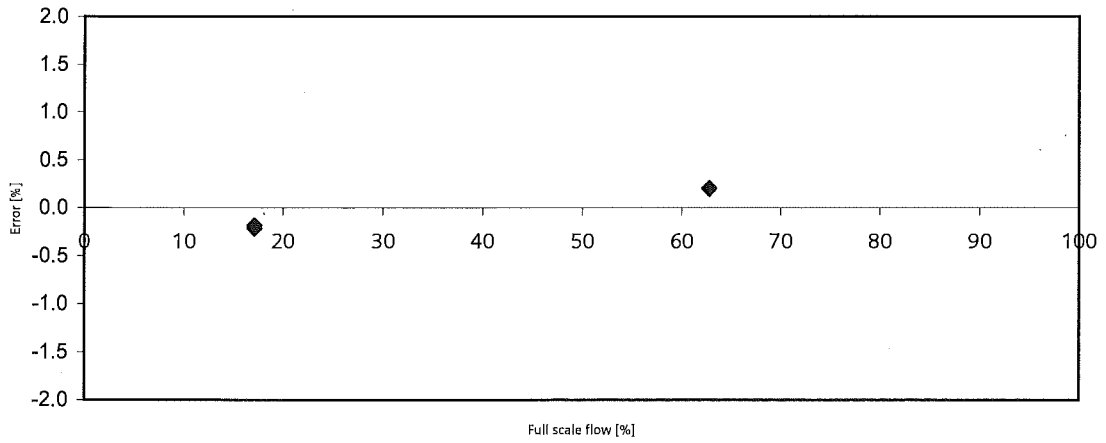
9						
10						



Calibrated by		NJA	
Date	2012-05-15	**Time**	12:43:39

EW2034 - Installed on 1/15/14 at 1700hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer		Serial No.	
Converter type	MAG1100	Serial No.	7ME610 200801H473
Sensor type	0.155011		
Cal. Factor	7ME611 143412U513		
System Serial NO.			

Calibration Data

Full scale flow	0.775053	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	21.2	0.4875	6305.540	0.4887	0.24
2	60	21.3	0.4603	5952.500	0.4614	0.24
3	16	21.3	0.1251	1606.410	0.1245	-0.50
4	17	21.4	0.1319	1702.040	0.1319	0.02
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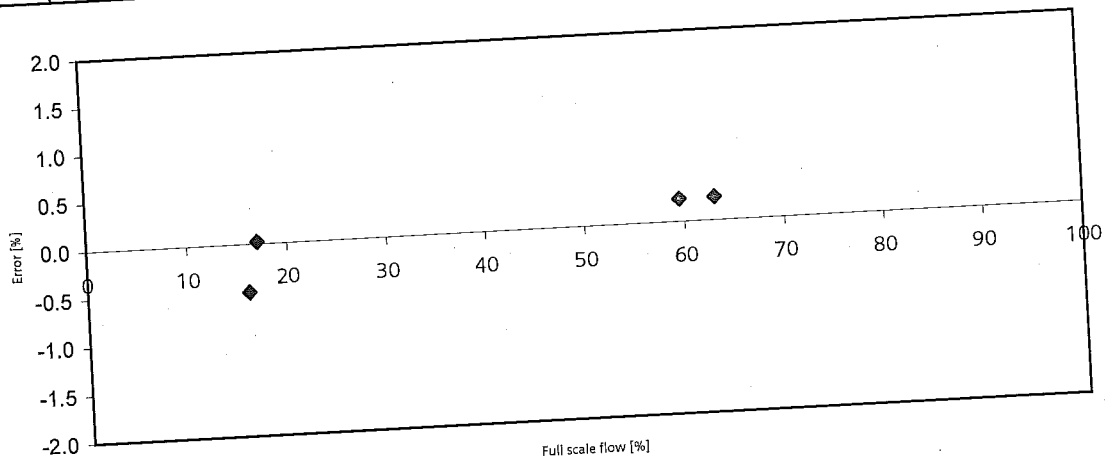
10						



Calibrated by	RFR		
Date	2013-12-09	Time	09:52:44

EW2035 - Installed on 1/30/14 at 1530hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 247801H014
Cal. Factor	0.152921		
System Serial NO.	7ME611 148212U034		

Calibration Data

Full scale flow	0.764603	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	66	20.3	0.5068	6641.740	0.5078	0.21
2	62	20.4	0.4711	6171.370	0.4719	0.17
3	17	20.4	0.1279	1670.570	0.1277	-0.13
4	18	20.4	0.1346	1756.340	0.1343	-0.25
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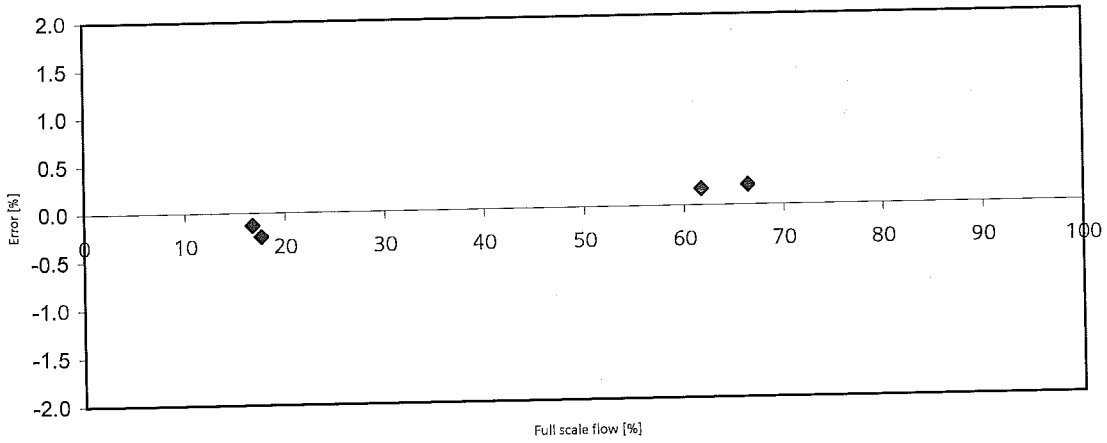

Calibrated by	RFR		
Date	2014-01-06	Time	07:16:34

EW2036 - Installed on 1/28/14 at 1630hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 248601H014
Cal. Factor	0.146691		
System Serial NO.	7ME611 148612U034		

Calibration Data

Full scale flow	0.733456	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	71	22.0	0.5192	7084.340	0.5196	0.09
2	65	22.0	0.4729	6458.690	0.4737	0.17
3	18	22.0	0.1342	1829.670	0.1342	-0.02
4	18	22.0	0.1299	1767.370	0.1296	-0.24
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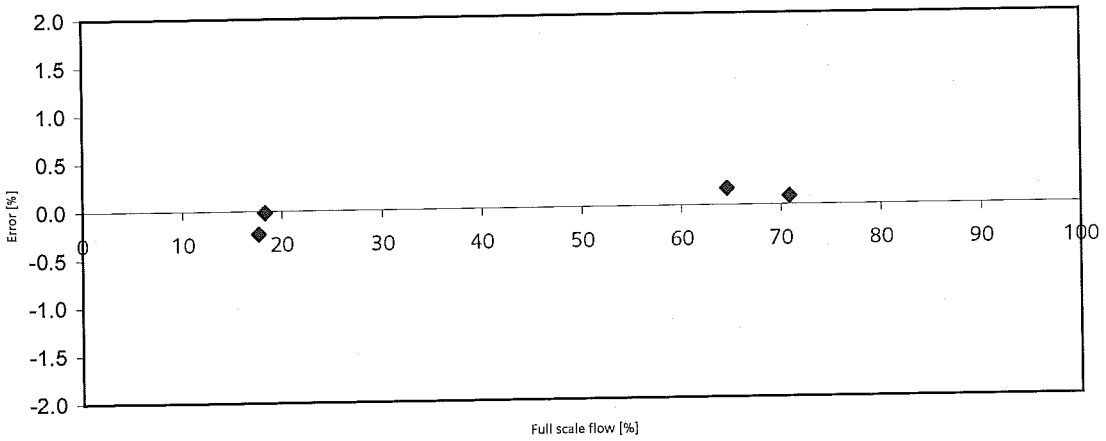
9						
10						



Calibrated by		RFR	
Date	2014-01-07	Time	10:05:02

2037

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 208901H182
Cal. Factor	0.151033		
System Serial NO.	7ME611 065812U252		

Calibration Data

Full scale flow	2.71859	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	23.6	1.7057	6286.670	1.7091	0.20
2	63	23.7	1.7059	6280.010	1.7073	0.08
3	17	23.7	0.4664	1711.740	0.4654	-0.21
4	17	23.8	0.4665	1714.720	0.4662	-0.06
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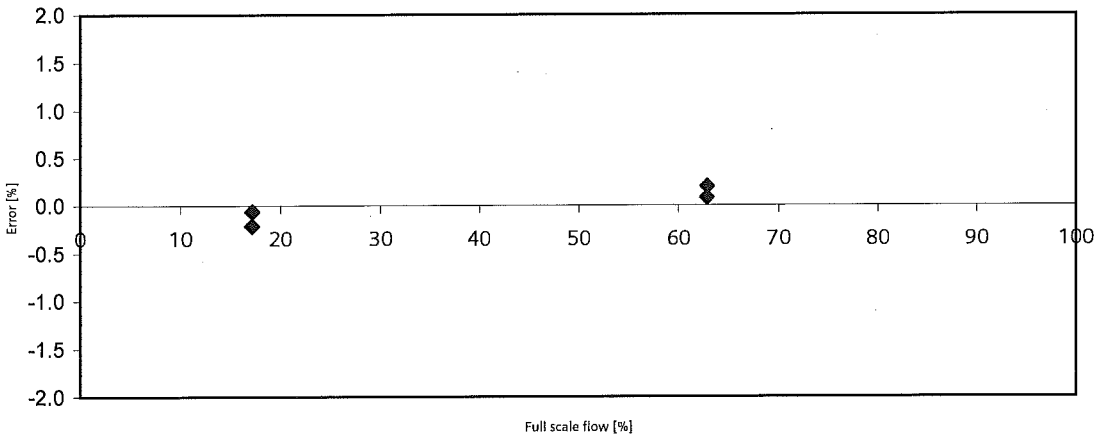
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-09	**Time**	10:04:14

2101

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type	MAG6000	Serial No.	SE547
Sensor type	MAG1100Std	Serial No.	7ME610 392501N171
Cal. Factor	0.462431		
System Serial NO.	7ME611 056812U212		

Calibration Data

Full scale flow	1.473	L/S	Calibration liquid	Water
			Calibration rig	60 kg

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	90	24.6	1.3235	8989.970	1.3242	0.05
2	90	24.7	1.3233	8990.110	1.3242	0.07
3	25	24.7	0.3646	2473.850	0.3644	-0.07
4	25	24.7	0.3671	2489.740	0.3667	-0.10
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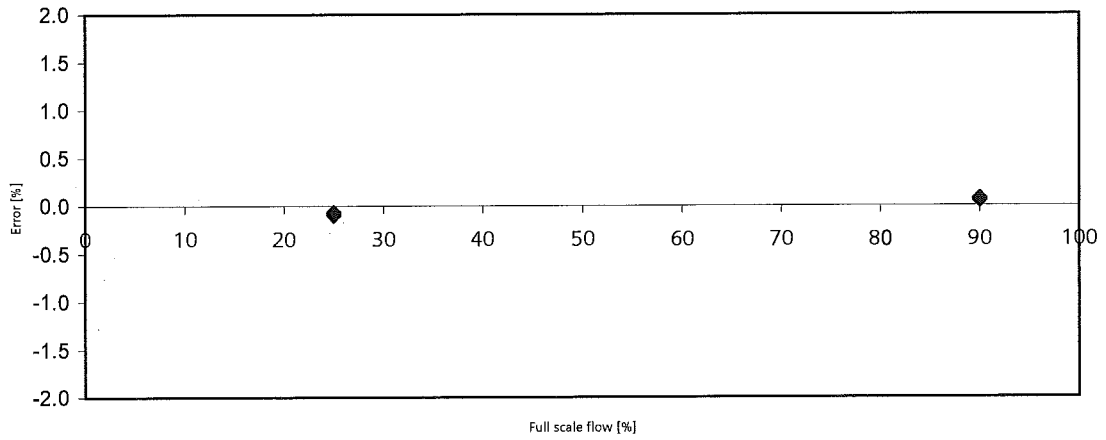
10						



Calibrated by	GGM		
Date	2011-05-09	Time	12:36:34

2102

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type	MAG6000	Serial No.	SE547
Sensor type	MAG1100Std	Serial No.	7ME610 393501N171
Cal. Factor	0.46497		
System Serial NO.	7ME611 056912U212		

Calibration Data

Full scale flow	1.473	L/S	Calibration liquid	Water
			Calibration rig	60 kg

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	90	24.2	1.3231	8991.040	1.3244	0.10
2	90	24.3	1.3235	8992.550	1.3246	0.09
3	25	24.3	0.3679	2495.700	0.3676	-0.08
4	25	24.3	0.3685	2498.010	0.3680	-0.14
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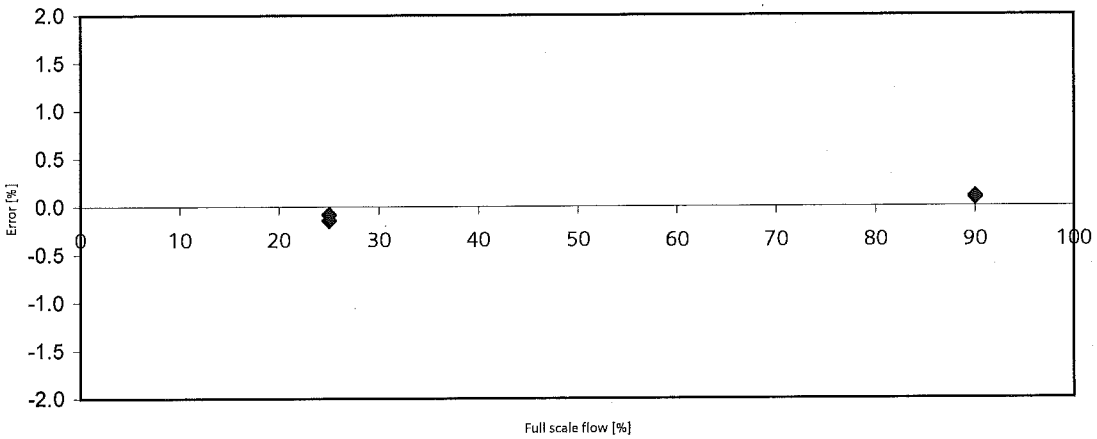
8						
9						
10						



Calibrated by		GGM	
Date	2011-05-09	Time	11:49:36

2103

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type	MAG6000	Serial No.	SE547
Sensor type	MAG1100Std	Serial No.	7ME610 246001N121
Cal. Factor	0.461428		
System Serial NO.	7ME611 055912U202		

Calibration Data

Full scale flow	1.473	L/S	Calibration liquid	Water
			Calibration rig	60 kg

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	90	24.5	1.3231	8984.840	1.3235	0.03
2	90	24.7	1.3239	8987.570	1.3239	0.00
3	25	25.0	0.3682	2500.060	0.3683	0.00
4	25	25.0	0.3680	2496.270	0.3677	-0.08
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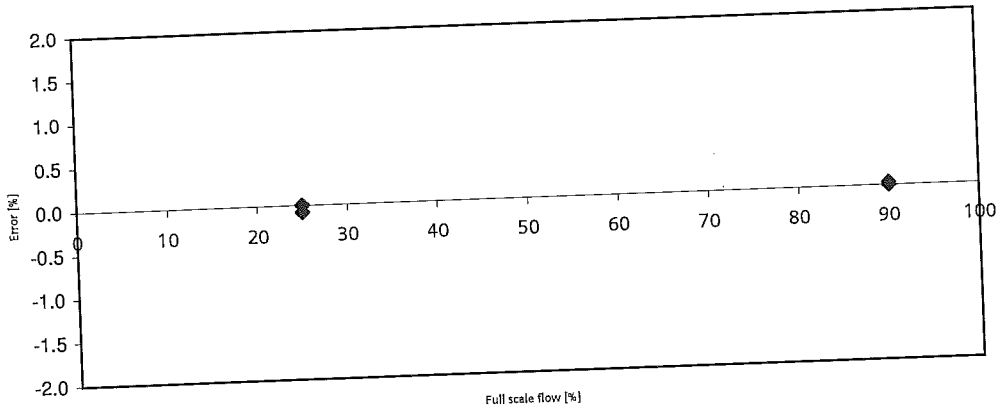
7						
8						
9						
10						



Calibrated by	KL		
Date	2011-03-24	Time	02:52:41

2104

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 199201H421
Cal. Factor	0.44992		
System Serial NO.	7ME611 056012U202		

Calibration Data

Full scale flow	2.2496	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 6

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	90	21.0	2.0230	9089.270	2.0222	-0.04
2	82	21.0	1.8404	8276.770	1.8395	-0.05
3	26	21.0	0.5864	2709.200	0.5870	0.10
4	27	21.0	0.6073	2799.330	0.6072	-0.01
5						
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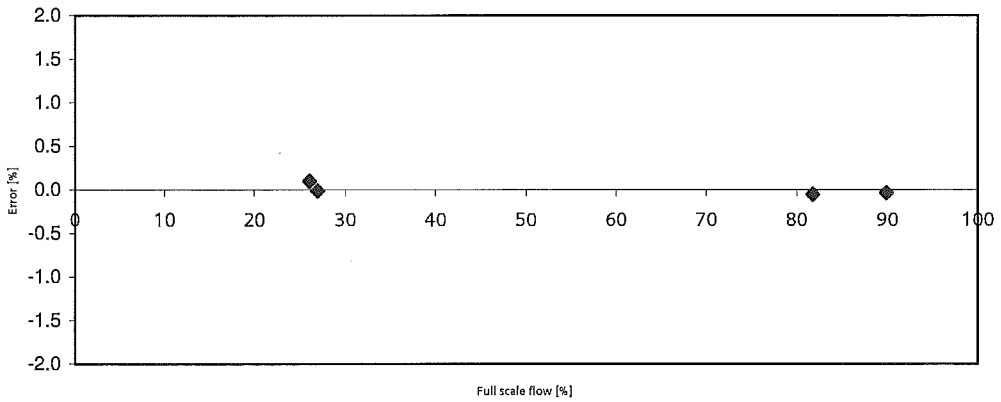
9						
10						



Calibrated by		VSC	
Date	2011-10-25	Time	09:17:41

3001

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer		Serial No.	
Converter type	MAG1100	Serial No.	7ME610 201601H162
Sensor type	0.150465		
Cal. Factor			
System Serial NO.	7ME611 060712U232		

Calibration Data

Full scale flow	2.70837	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	20.8	1.7022	6291.870	1.7041	0.11
2	63	21.0	1.7010	6291.320	1.7039	0.17
3	17	21.1	0.4691	1730.160	0.4686	-0.11
4	17	21.0	0.4694	1730.010	0.4686	-0.17
5						
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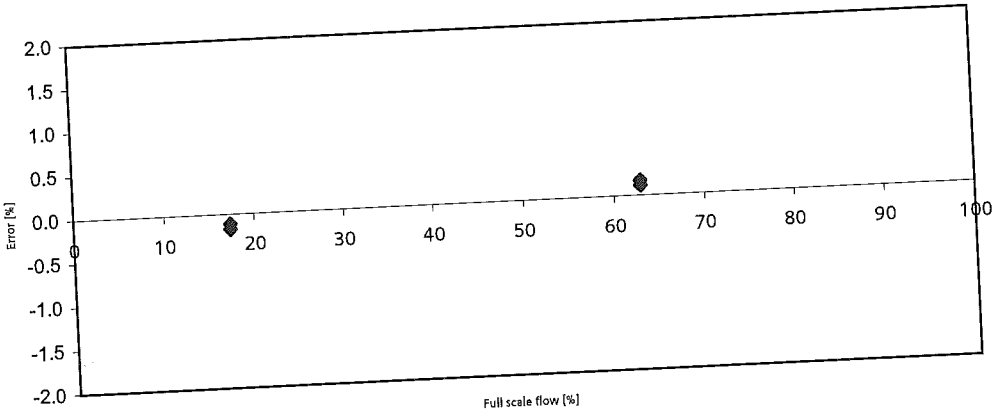
7						
8						
9						
10						



Calibrated by			RFR
Date	2012-05-14	Time	09:03:49

3002

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer		Serial No.	
Converter type		Serial No.	7ME610 216201H182
Sensor type	MAG1100		
Cal. Factor	0.152866		
System Serial NO.	7ME611 060912U232		

Calibration Data

Full scale flow	2.75158	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	24.0	1.7244	6287.750	1.7301	0.33
2	63	24.2	1.7242	6272.520	1.7259	0.10
3	17	24.1	0.4736	1715.620	0.4721	-0.32
4	17	24.2	0.4770	1731.570	0.4765	-0.11
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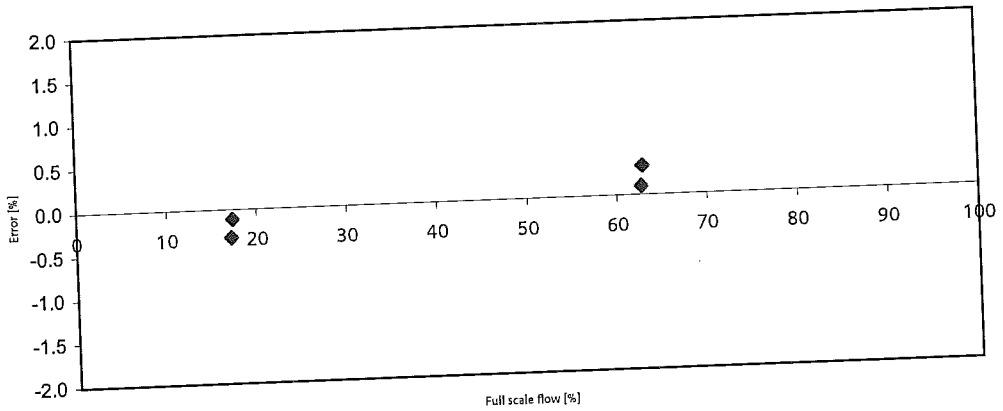


Calibrated by		RFR	
Date	2012-05-10	Time	13:52:30

3003

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 201501H162
Cal. Factor	0.151898		
System Serial NO.	7ME611 060812U232		

Calibration Data

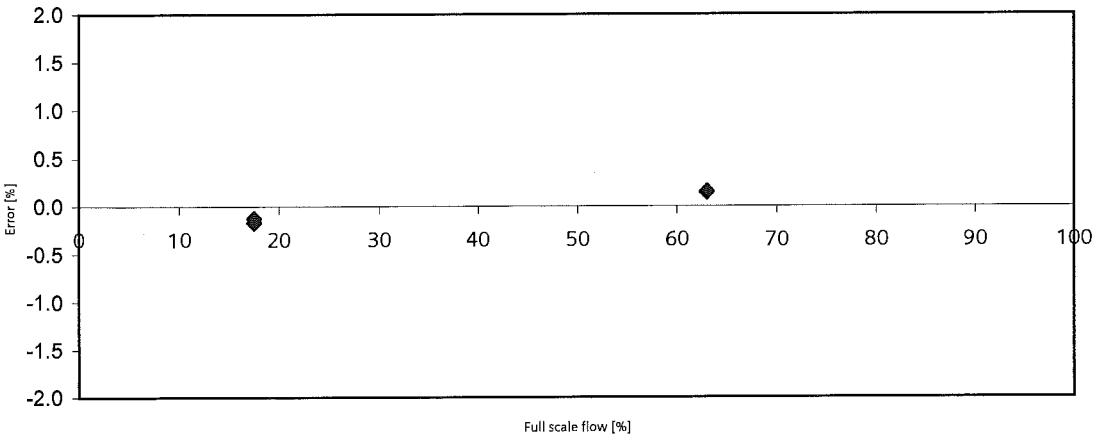
Full scale flow	2.73417	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	20.5	1.7206	6302.720	1.7233	0.15
2	63	20.9	1.7195	6297.950	1.7220	0.14
3	17	20.9	0.4780	1746.040	0.4774	-0.12
4	17	20.9	0.4784	1746.720	0.4776	-0.17
5						
6						
7						
8						
9						
10						



Calibrated by	NJA		
Date	2012-05-14	**Time**	08:43:02

3004

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 211001H182
Cal. Factor	0.15036		
System Serial NO.	7ME611 067012U252		

Calibration Data

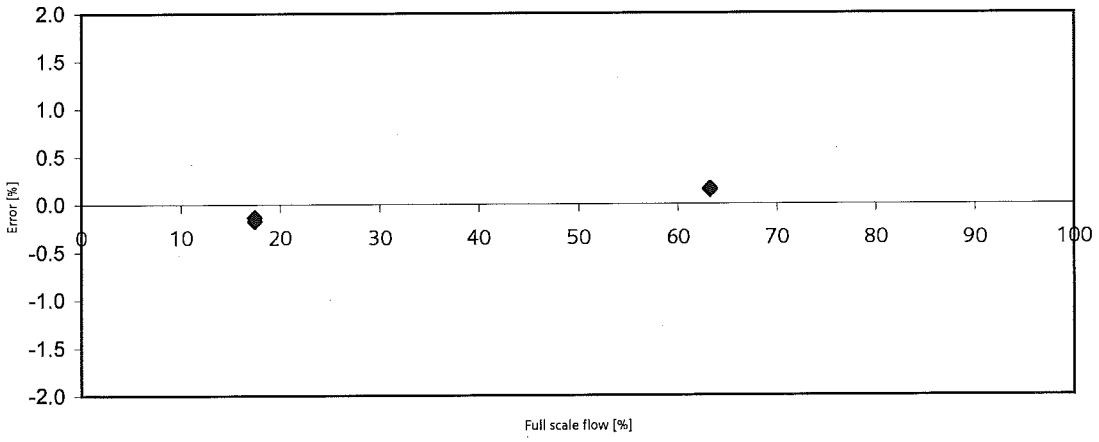
Full scale flow	2.70649	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	21.6	1.7083	6321.740	1.7110	0.16
2	63	21.9	1.7078	6319.310	1.7103	0.15
3	17	22.0	0.4721	1741.960	0.4715	-0.13
4	17	21.9	0.4722	1741.530	0.4713	-0.17
5						
6						
7						
8						
9						
10						



Calibrated by		RFR	
Date	2012-05-15	**Time**	11:44:29

3005

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 210601H182
Cal. Factor	0.151252		
System Serial NO.	7ME611 067112U252		

Calibration Data

Full scale flow	2.72254	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	21.4	1.7097	6282.210	1.7104	0.04
2	63	21.7	1.7095	6284.030	1.7109	0.08
3	17	21.9	0.4716	1732.140	0.4716	-0.01
4	17	21.7	0.4720	1731.840	0.4715	-0.11
5						
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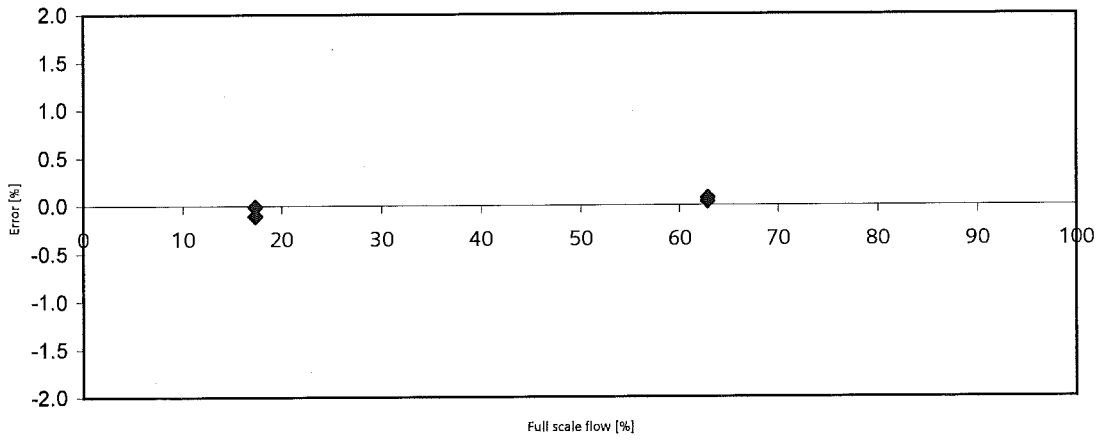
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-15	Time	10:38:38

3006

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 212701H182
Cal. Factor	0.15042		
System Serial NO.	7ME611 067212U252		

Calibration Data

Full scale flow	2.70756	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	64	25.1	1.7196	6359.070	1.7218	0.12
2	64	25.4	1.7194	6359.670	1.7219	0.14
3	18	25.5	0.4811	1774.220	0.4804	-0.15
4	18	25.5	0.4794	1768.320	0.4788	-0.12
5						
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8						
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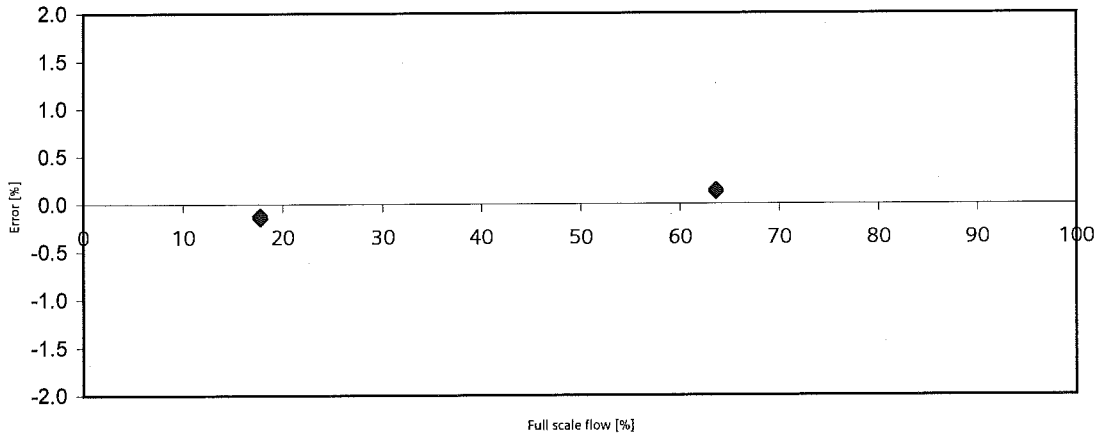

Calibrated by	RFR		
Date	2012-05-24	**Time**	15:01:22

3007

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 213801H182
Cal. Factor	0.147879		
System Serial NO.	7ME611 067312U252		

Calibration Data

Full scale flow	2.66181	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	65	24.7	1.7139	6452.270	1.7175	0.21
2	65	24.9	1.7140	6453.580	1.7178	0.22
3	19	24.9	0.4984	1868.090	0.4973	-0.23
4	17	24.9	0.4488	1682.770	0.4479	-0.20
5						
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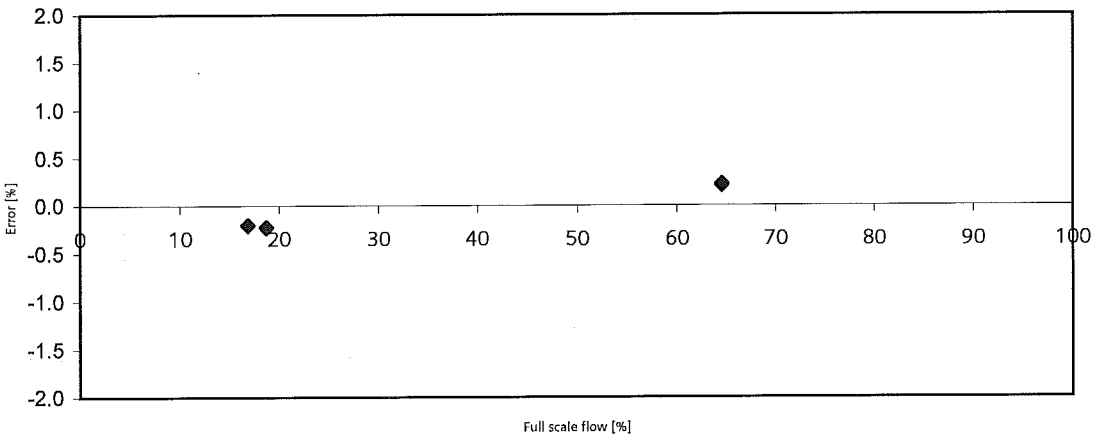
8						
9						
10						



Calibrated by		RFR	
Date	2012-05-23	Time	14:36:05

3008

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 210801H182
Cal. Factor	0.151382		
System Serial NO.	7ME611 067412U252		

Calibration Data

Full scale flow	2.72488	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	21.4	1.7050	6262.300	1.7064	0.08
2	63	21.7	1.7051	6264.230	1.7069	0.10
3	17	21.8	0.4730	1734.670	0.4727	-0.07
4	17	21.6	0.4732	1734.510	0.4726	-0.12
5						
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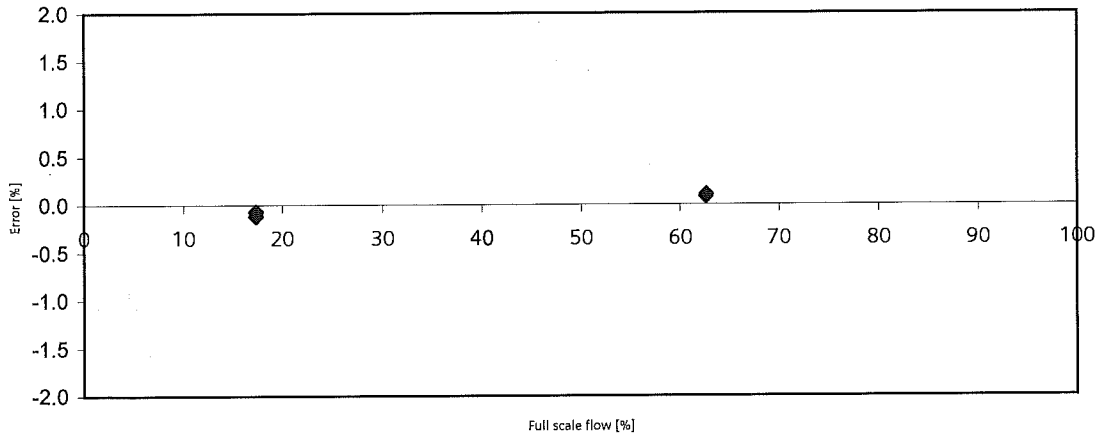
7						
8						
9						
10						



Calibrated by	NJA		
Date	2012-05-15	Time	10:17:38

3009

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 210901H182
Cal. Factor	0.151185		
System Serial NO.	7ME611 069012U252		

Calibration Data

Full scale flow	2.72132	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	21.1	1.7081	6280.320	1.7091	0.06
2	63	21.5	1.7081	6277.440	1.7083	0.01
3	17	21.7	0.4711	1730.770	0.4710	-0.03
4	17	21.5	0.4705	1728.330	0.4703	-0.04
5						
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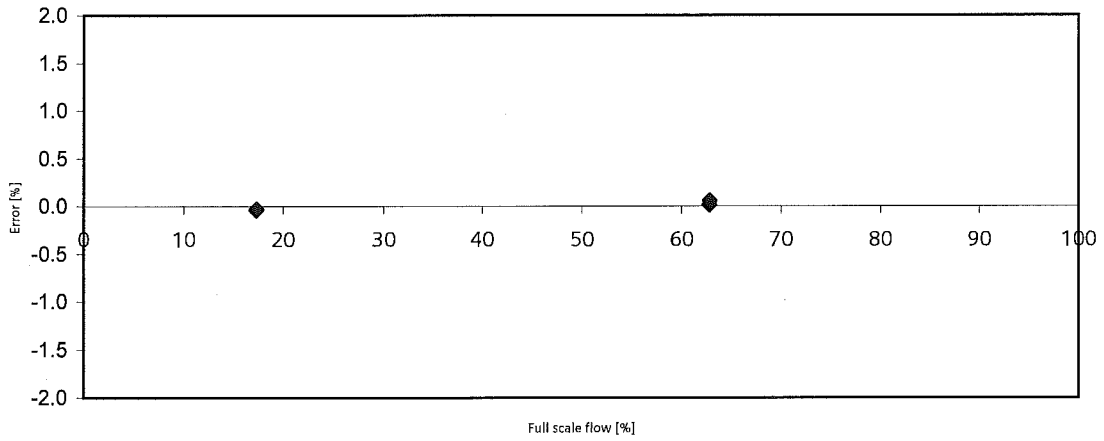
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-15	Time	09:25:04

3010

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 211201H182
Cal. Factor	0.151795		
System Serial NO.	7ME611 069112U252		

Calibration Data

Full scale flow	2.73231	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	21.1	1.7318	6342.280	1.7329	0.06
2	63	21.4	1.7325	6344.190	1.7334	0.06
3	17	21.5	0.4678	1712.410	0.4679	0.01
4	17	21.3	0.4679	1710.190	0.4673	-0.13
5						
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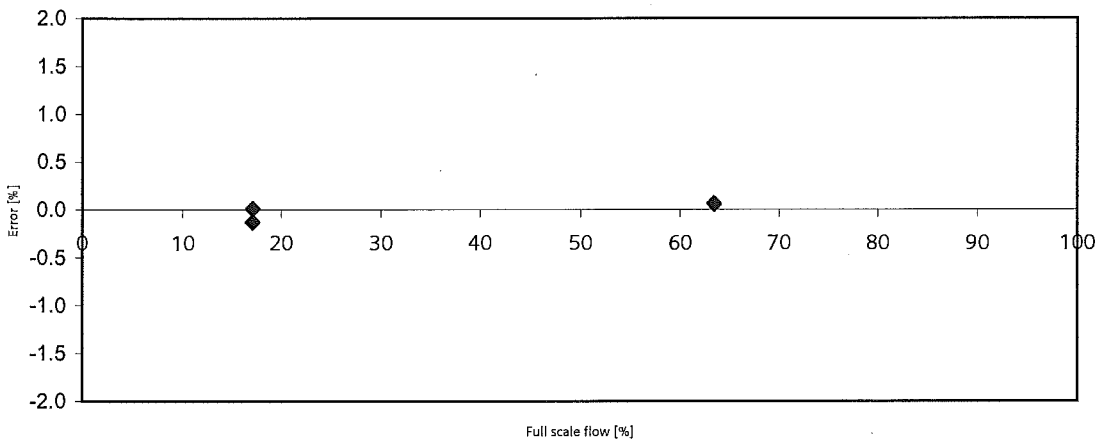
8						
9						
10						



Calibrated by	NJA		
Date	2012-05-15	**Time**	09:02:49

3011

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 207401H182
Cal. Factor	0.15686		
System Serial NO.	7ME611 060412U232		

Calibration Data

Full scale flow	2.82348	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	61	24.4	1.7230	6117.800	1.7274	0.25
2	61	24.6	1.7228	6118.460	1.7275	0.28
3	17	24.6	0.4793	1692.950	0.4780	-0.27
4	17	24.6	0.4793	1693.150	0.4781	-0.25
5						
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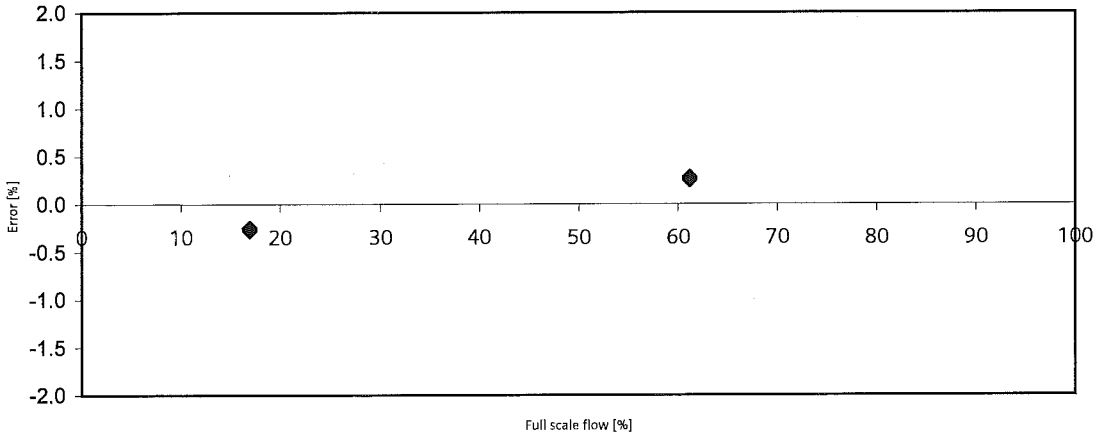
7						
8						
9						
10						



Calibrated by		NJA	
Date	2012-05-07	**Time**	14:16:20

3012

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer		Serial No.	
Converter type	MAG1100	Serial No.	7ME610 210301H182
Sensor type	0.150266		
Cal. Factor			
System Serial NO.	7ME611 060512U232		

Calibration Data

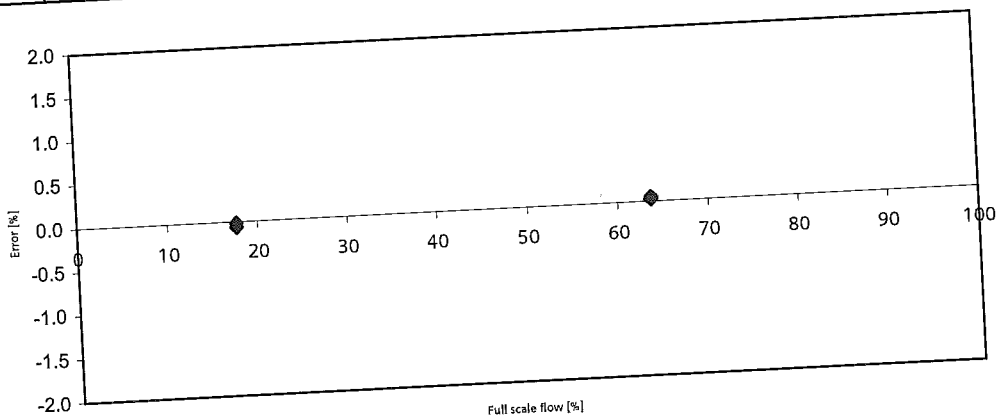
Full scale flow	2.70478	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	64	23.8	1.7213	6367.190	1.7222	0.05
2	64	24.0	1.7214	6366.060	1.7219	0.03
3	18	24.1	0.4780	1765.960	0.4777	-0.06
4	18	24.1	0.4777	1765.760	0.4776	-0.01
5						
6						
7						
8						
9						
10						



Calibrated by			RFR
Date	2012-05-10	Time	13:31:13

3013

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 210201H182
Cal. Factor	0.154911		
System Serial NO.	7ME611 061812U232		

Calibration Data

Full scale flow	2.7884	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	61	23.6	1.7106	6139.580	1.7120	0.08
2	61	23.8	1.7104	6142.190	1.7127	0.13
3	17	23.8	0.4691	1680.720	0.4687	-0.10
4	17	23.9	0.4692	1680.790	0.4687	-0.11
5						
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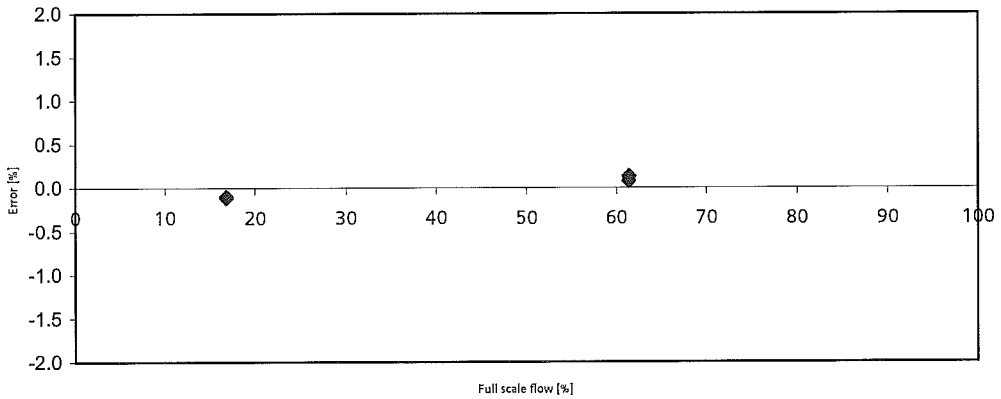
8						
9						
10						



Calibrated by		RFR	
Date	2012-05-10	Time	13:08:03

EW3014 - Installed on 1/30/14 at 1630hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 371201H272
Cal. Factor	0.152756		
System Serial NO.	7ME611 147712U034		

Calibration Data

Full scale flow	2.74961	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	67	24.9	1.8386	6696.290	1.8412	0.14
2	61	24.9	1.6829	6128.030	1.6850	0.13
3	17	24.9	0.4656	1690.310	0.4648	-0.17
4	17	24.9	0.4660	1693.050	0.4655	-0.10
5						
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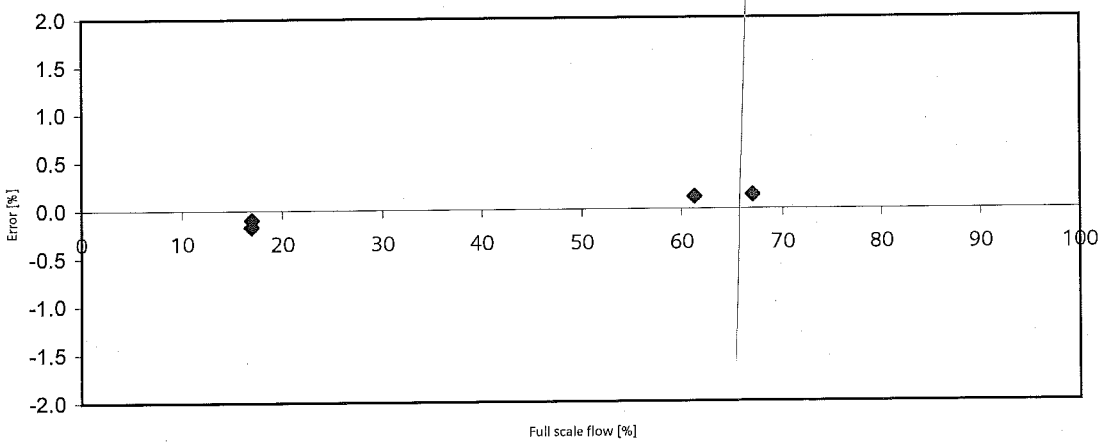
7						
8						
9						
10						



Calibrated by	VSC		
Date	2012-07-25	Time	10:34:09

3014

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 201701H162
Cal. Factor	0.151648		
System Serial NO.	7ME611 061912U232		

Calibration Data

Full scale flow	2.72966	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	21.0	1.7092	6271.050	1.7118	0.15
2	63	21.2	1.7097	6272.830	1.7123	0.15
3	17	21.3	0.4692	1715.900	0.4684	-0.18
4	17	21.2	0.4692	1716.990	0.4687	-0.12
5						
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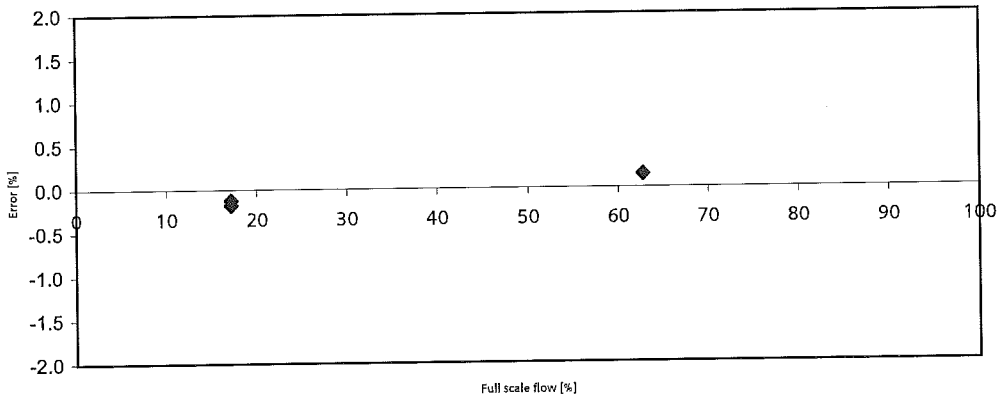
7						
8						
9						
10						



Calibrated by	NJA		
Date	2012-05-14	Time	10:00:00

EW3015 - Installed on 1/30/14 at 1600hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer		Serial No.	
Converter type		Serial No.	7ME610 201601H473
Sensor type	MAG1100		
Cal. Factor	0.152923		
System Serial NO.	7ME611 147812U034		

Calibration Data

Full scale flow	0.764613	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	66	23.1	0.5072	6644.460	0.5080	0.18
2	60	23.1	0.4607	6032.060	0.4612	0.12
3	19	23.1	0.1438	1879.560	0.1437	-0.04
4	17	22.8	0.1278	1667.450	0.1275	-0.26
5						
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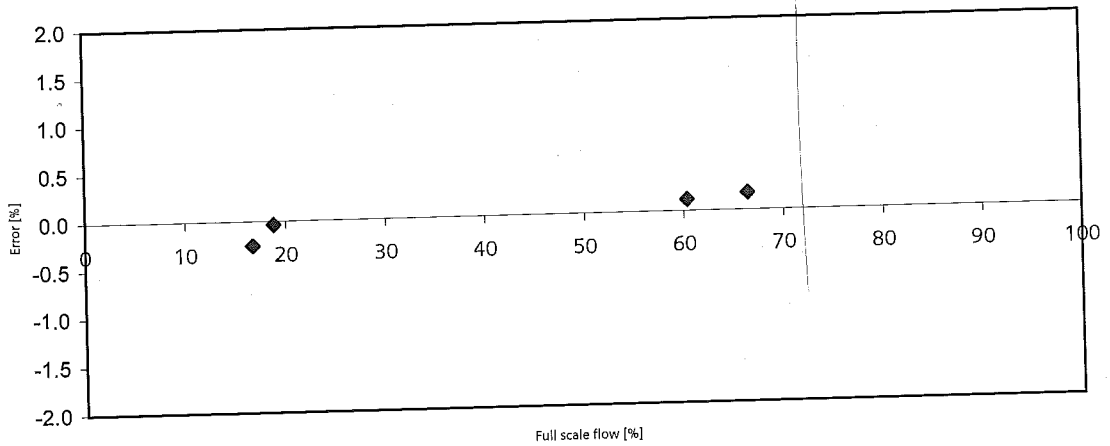
8						
9						
10						



Calibrated by	NJA		
Date	2013-12-09	Time	21:10:45

3014

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 213501H182
Cal. Factor	0.151383		
System Serial NO.	7ME611 061412U232		

Calibration Data

Full scale flow	2.72489	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	23.7	1.7065	6274.280	1.7097	0.19
2	63	23.9	1.7059	6272.850	1.7093	0.20
3	17	24.0	0.4579	1677.320	0.4571	-0.18
4	18	23.9	0.4974	1821.770	0.4964	-0.20
5						
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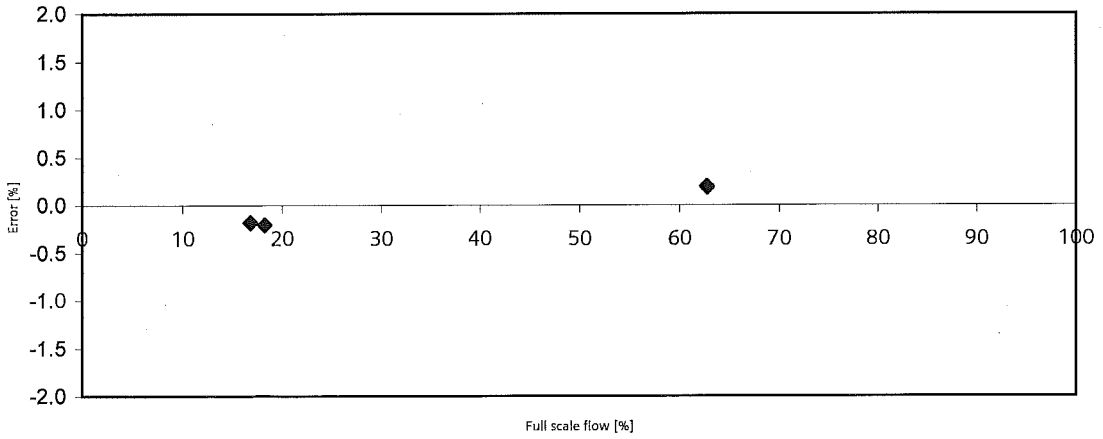
10						



Calibrated by		RFR	
Date	2012-05-11	**Time**	08:51:30

EW3017 - Installed on 1/29/14 at 1430hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer		Serial No.	
Converter type	MAG1100	Serial No.	7ME610 248501H014
Sensor type	0.148228		
Cal. Factor			
System Serial NO.	7ME611 148112U034		

Calibration Data

Full scale flow	0.741141	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	71	21.8	0.5229	7065.850	0.5237	0.15
2	62	21.8	0.4565	6155.910	0.4562	-0.06
3	17	22.0	0.1295	1748.470	0.1296	0.05
4	17	21.9	0.1296	1746.440	0.1294	-0.13
5						
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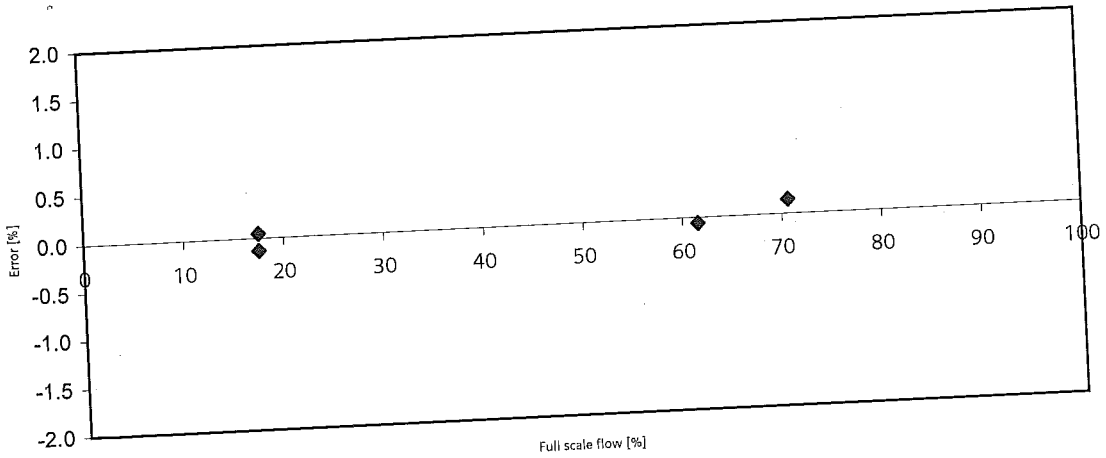
9						
10						



Calibrated by	RFR		
Date	2014-01-07	Time	09:25:25

3018

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 216401H182
Cal. Factor	0.152875		
System Serial NO.	7ME611 061612U232		

Calibration Data

Full scale flow	2.75175	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	24.2	1.7310	6306.050	1.7353	0.25
2	63	24.4	1.7310	6306.060	1.7353	0.25
3	18	24.5	0.4863	1762.940	0.4851	-0.24
4	17	24.6	0.4738	1717.640	0.4727	-0.25
5						
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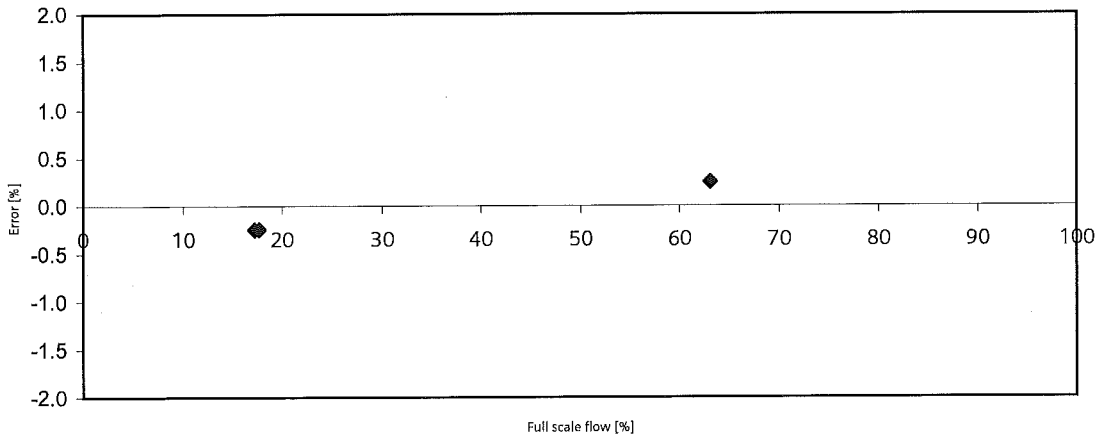
8						
9						
10						



Calibrated by	RFR		
Date	2012-05-10	**Time**	14:13:48

3019

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 210501H182
Cal. Factor	0.150123		
System Serial NO.	7ME611 061712U232		

Calibration Data

Full scale flow	2.70221	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	65	23.3	1.7544	6508.470	1.7587	0.25
2	65	23.6	1.7517	6494.090	1.7548	0.18
3	18	23.7	0.4847	1788.160	0.4832	-0.30
4	17	23.6	0.4587	1695.350	0.4581	-0.12
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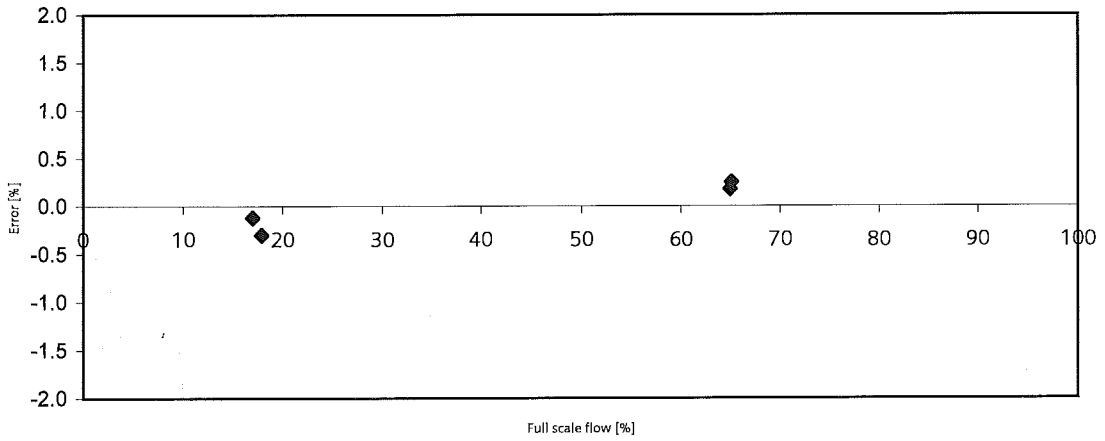

Calibrated by		VSC	
Date	2012-05-10	Time	12:18:15

EW3020 - Installed on 2/4/14 at 1530hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer		Serial No.	
Converter type	MAG1100	Serial No.	7ME610 201501H473
Sensor type	0.161159		
Cal. Factor	7ME611 147212U034		
System Serial NO.			

Calibration Data

Full scale flow	0.805796	L/S	Calibration liquid	Water	
			Calibration rig	Banc HNU 5	

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	64	23.1	0.5139	6387.300	0.5147	0.15
2	57	22.9	0.4595	5709.540	0.4601	0.13
3	17	23.1	0.1366	1692.950	0.1364	-0.11
4	16	23.1	0.1331	1649.330	0.1329	-0.16
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9						
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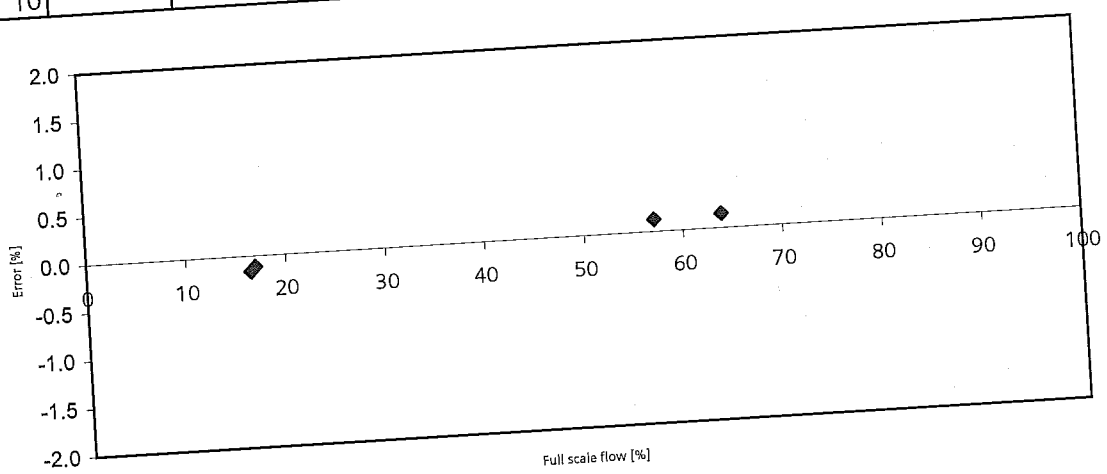

Calibrated by	NJA		
Date	2013-12-09	Time	20:46:59

EW3021 - Installed on 1/28/14 at 1600hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer		Serial No.	
Converter type	MAG1100	Serial No.	7ME610 248001H014
Sensor type	0.149345		
Cal. Factor			
System Serial NO.	7ME611 148712U034		

Calibration Data

Full scale flow	0.746725	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	69	20.5	0.5116	6865.840	0.5127	0.20
2	62	20.5	0.4650	6236.530	0.4657	0.15
3	19	20.6	0.1398	1869.550	0.1396	-0.17
4	17	20.6	0.1259	1683.180	0.1257	-0.18
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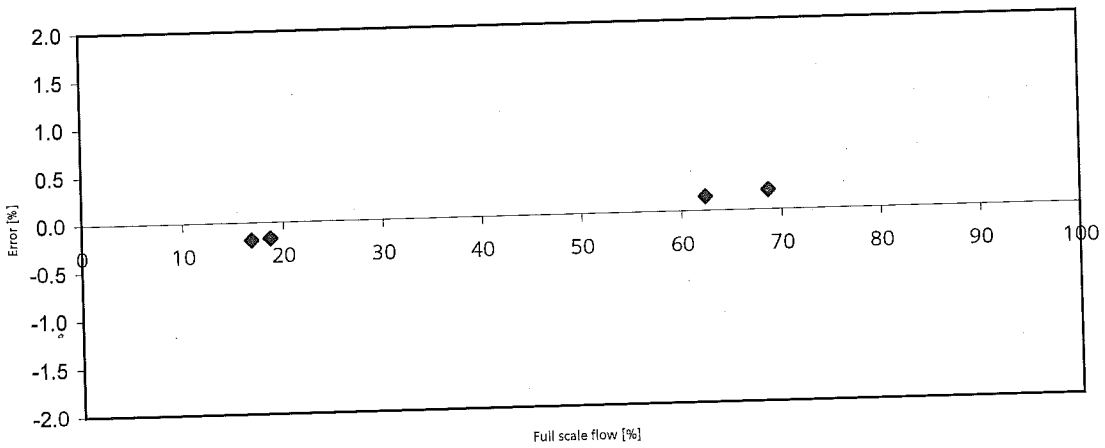

Calibrated by		VSC	
Date	2014-01-06	Time	08:00:08

3022

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 213701H182
Cal. Factor	0.150671		
System Serial NO.	7ME611 062212U232		

Calibration Data

Full scale flow	2.71207	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	64	23.8	1.7407	6435.490	1.7454	0.27
2	64	23.9	1.7409	6429.420	1.7437	0.16
3	17	23.9	0.4662	1716.750	0.4656	-0.14
4	17	23.8	0.4662	1714.010	0.4649	-0.29
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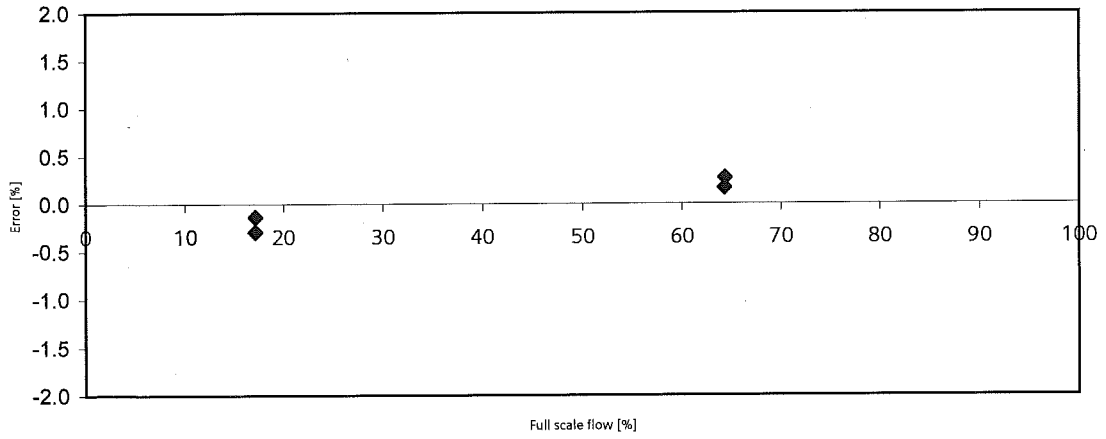

Calibrated by	RFR		
Date	2012-05-11	**Time**	08:30:19

3023

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 207601H182
Cal. Factor	0.15202		
System Serial NO.	7ME611 060612U232		

Calibration Data

Full scale flow	2.73635	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	24.8	1.7258	6316.270	1.7284	0.15
2	63	25.0	1.7260	6316.970	1.7286	0.15
3	17	25.0	0.4615	1684.010	0.4608	-0.16
4	18	25.0	0.4894	1785.840	0.4887	-0.14
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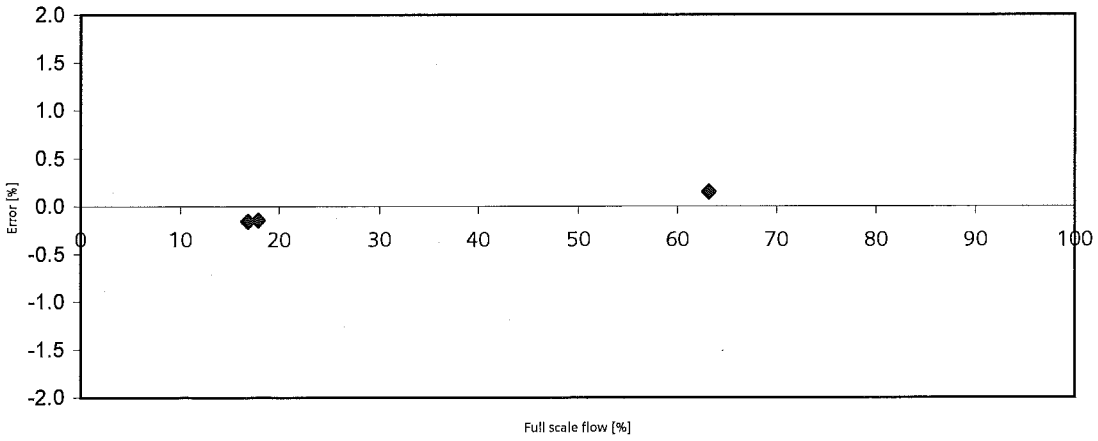

Calibrated by	RFR		
Date	2012-05-07	**Time**	15:14:23

3024

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 209201H182
Cal. Factor	0.151187		
System Serial NO.	7ME611 067712U252		

Calibration Data

Full scale flow	2.72137	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	24.4	1.7139	6310.720	1.7174	0.21
2	63	24.6	1.7141	6310.920	1.7174	0.20
3	17	24.6	0.4624	1696.130	0.4616	-0.18
4	18	24.6	0.4891	1793.200	0.4880	-0.22
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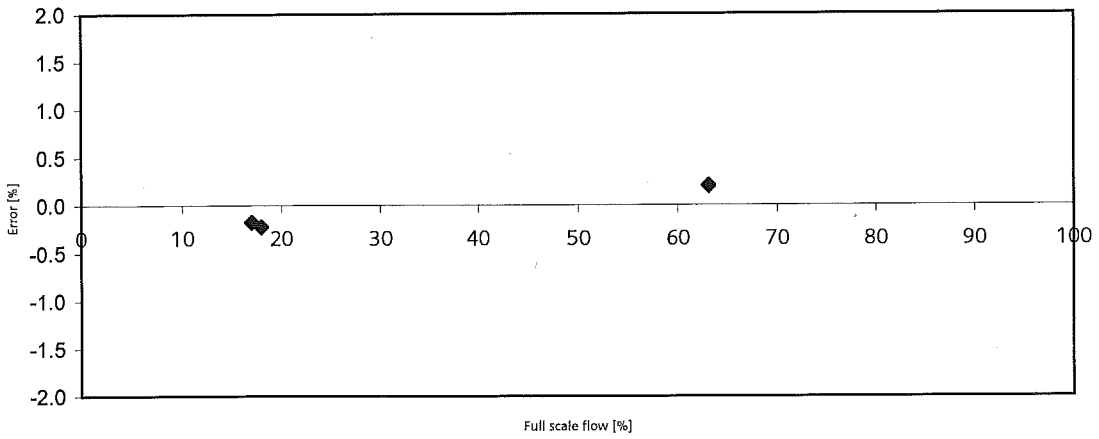

Calibrated by		NJA	
Date	2012-05-09	Time	11:25:00

3025

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 213101H182
Cal. Factor	0.151373		
System Serial NO.	7ME611 062412U232		

Calibration Data

Full scale flow	2.72472	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	62	20.4	1.7032	6232.070	1.6981	-0.30
2	63	20.7	1.7036	6250.270	1.7030	-0.03
3	18	20.8	0.4812	1771.260	0.4826	0.29
4	18	20.7	0.4778	1754.320	0.4780	0.04
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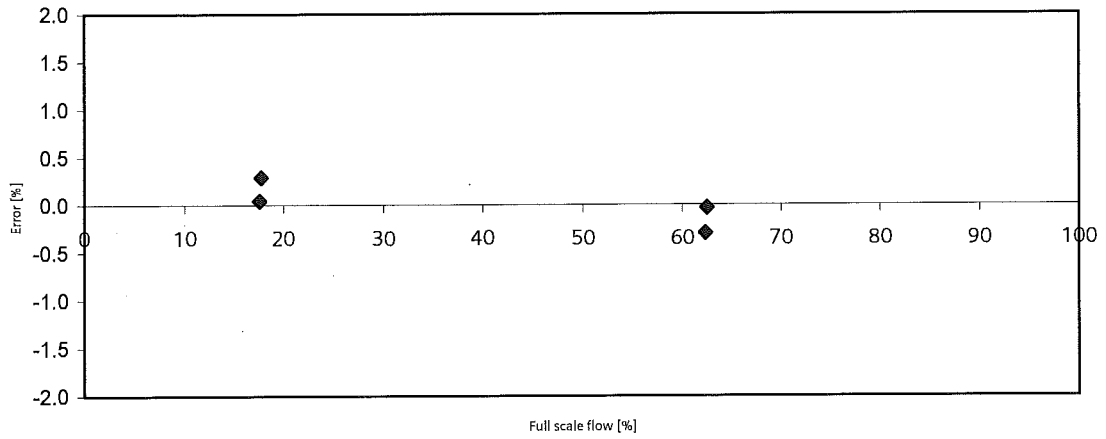

Calibrated by	RFR		
Date	2012-05-14	Time	08:21:30

3026

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 210401H182
Cal. Factor	0.15341		
System Serial NO.	7ME611 062512U232		

Calibration Data

Full scale flow	2.76138	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	62	23.1	1.7204	6239.670	1.7230	0.15
2	62	23.3	1.7199	6236.200	1.7221	0.13
3	17	23.1	0.4743	1715.570	0.4737	-0.12
4	17	23.1	0.4744	1715.260	0.4736	-0.16
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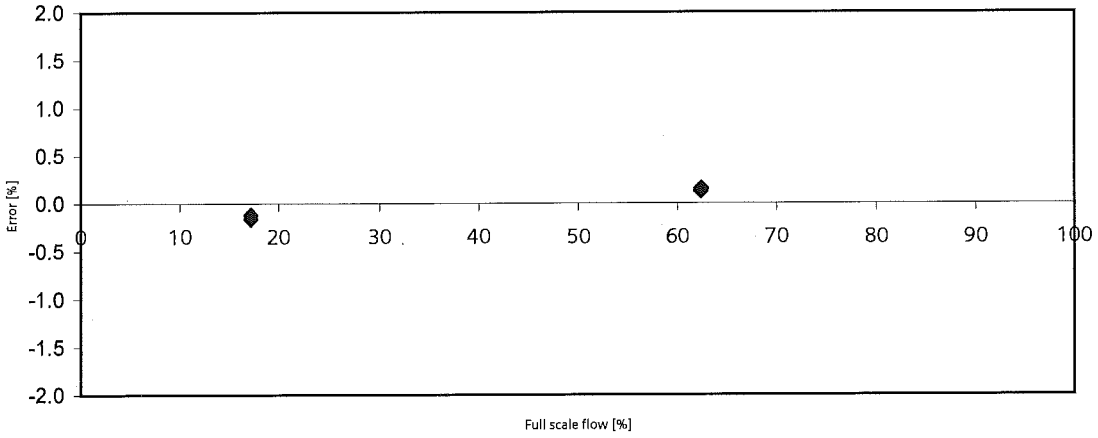

Calibrated by		RFR	
Date	2012-05-10	**Time**	11:16:53

3027

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 209601H182
Cal. Factor	0.1515		
System Serial NO.	7ME611 069212U252		

Calibration Data

Full scale flow	2.727	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	25.3	1.7257	6330.850	1.7264	0.04
2	63	25.4	1.7256	6332.640	1.7269	0.08
3	18	25.5	0.4786	1754.020	0.4783	-0.06
4	18	25.5	0.4787	1754.330	0.4784	-0.05
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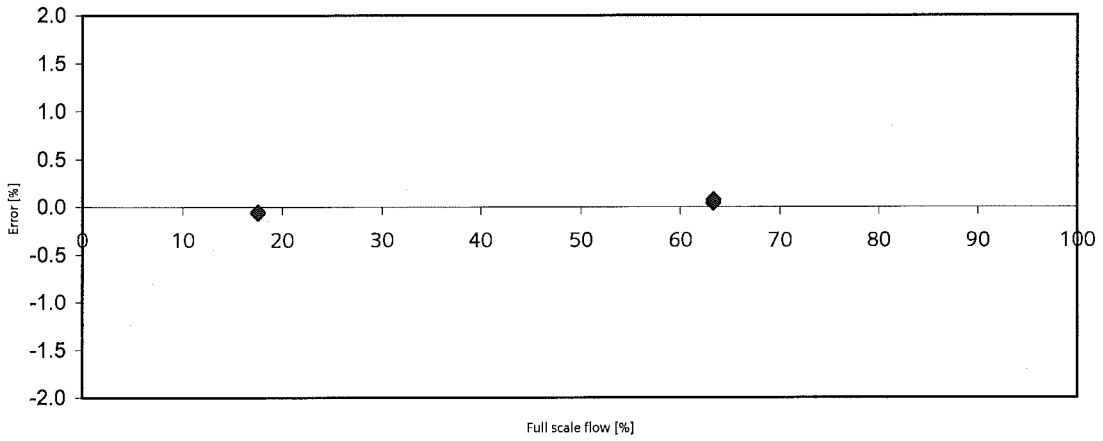

Calibrated by	RFR		
Date	2012-05-09	Time	13:46:00

4001

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type	MAG6000	**Serial No.**	SE541
Sensor type	MAG1100Std	**Serial No.**	7ME610 463601N021
Cal. Factor	0.154497		
System Serial NO.	7ME611 062812U232		

Calibration Data

Full scale flow	0.53	L/S	**Calibration liquid**	Water
			Calibration rig	60 kg

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	90	26.0	0.4756	8988.700	0.4764	0.18
2	90	26.0	0.4754	8984.780	0.4762	0.17
3	25	26.0	0.1313	2471.640	0.1310	-0.21
4	25	26.0	0.1312	2471.680	0.1310	-0.18
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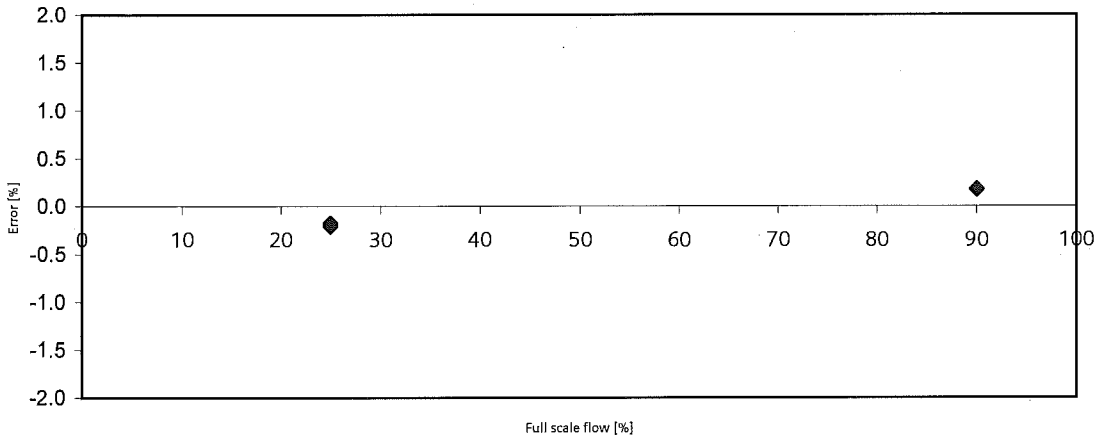
9						
10						



Calibrated by	KL		
Date	2011-01-27	**Time**	05:07:51

4002

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 125101H112
Cal. Factor	0.169208		
System Serial NO.	7ME611 061012U232		

Calibration Data

Full scale flow	3.04574	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	56	21.9	1.7033	5603.580	1.7067	0.20
2	56	21.9	1.7031	5603.600	1.7067	0.21
3	16	22.0	0.4803	1573.440	0.4792	-0.22
4	16	22.0	0.4803	1573.790	0.4793	-0.19
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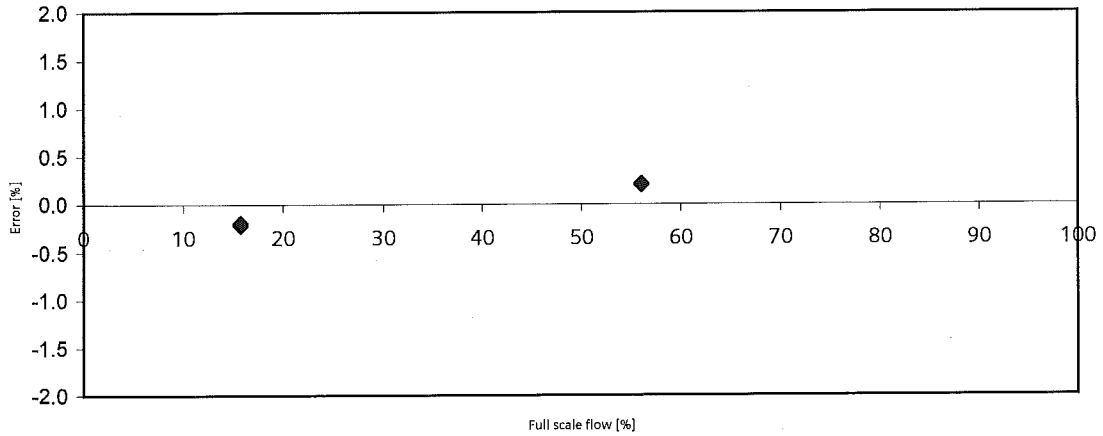
9						
10						



Calibrated by	RFR		
Date	2012-03-19	Time	10:16:16

4003

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 208001H182
Cal. Factor	0.152882		
System Serial NO.	7ME611 067512U252		

Calibration Data

Full scale flow	2.75187	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	24.0	1.7254	6274.030	1.7265	0.06
2	63	24.1	1.7251	6270.960	1.7257	0.03
3	17	24.2	0.4686	1700.970	0.4681	-0.12
4	17	24.2	0.4685	1702.980	0.4686	0.02
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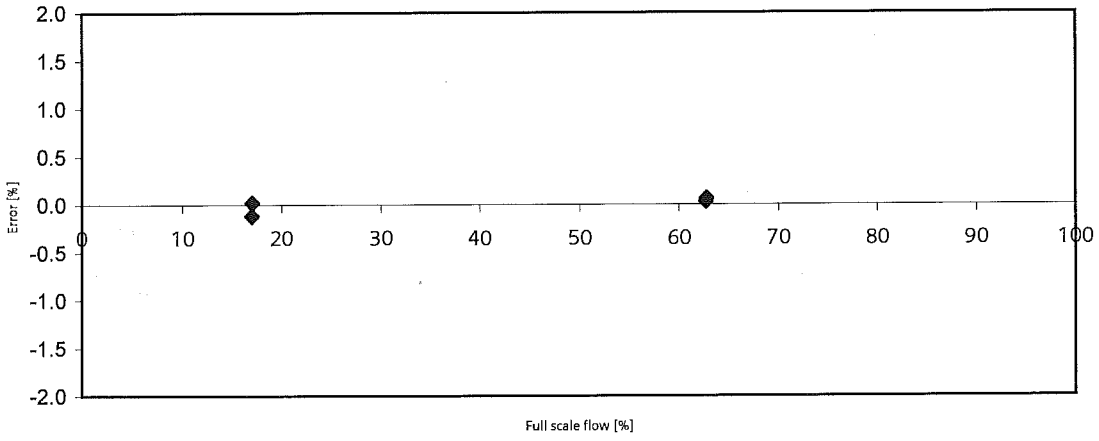
10						



Calibrated by	RFR		
Date	2012-05-07	**Time**	13:34:18

EW4004 - Installed on 1/16/14 at 1630hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer		Serial No.	
Converter type	MAG1100	Serial No.	7ME610 201301H473
Sensor type	0.150149		
Cal. Factor			
System Serial NO.	7ME611 143712U513		

Calibration Data

Full scale flow	0.750743	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	70	23.0	0.5251	7003.460	0.5258	0.14
2	63	22.8	0.4729	6306.950	0.4735	0.13
3	17	23.1	0.1279	1700.500	0.1277	-0.16
4	17	22.8	0.1310	1742.720	0.1308	-0.11
5						
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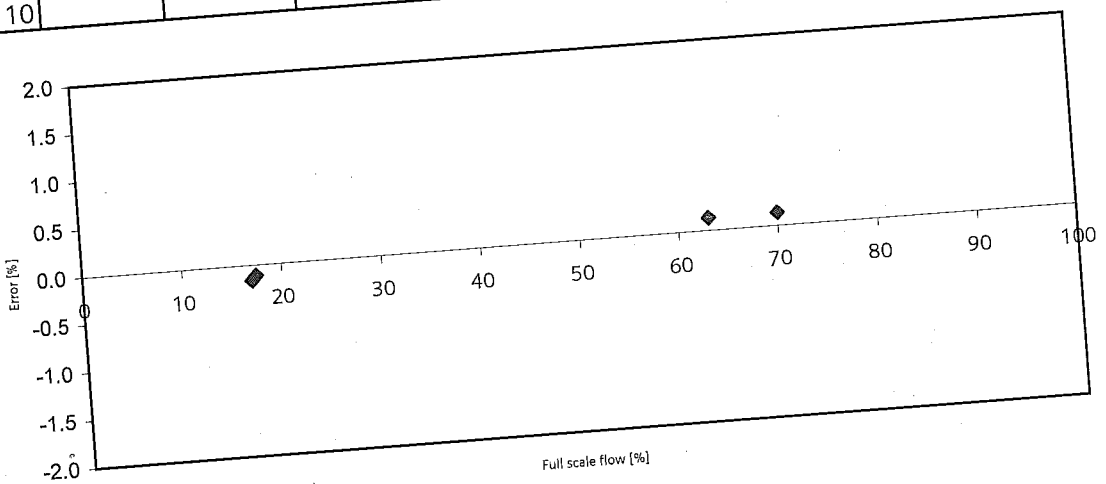

Calibrated by	NJA		
Date	2013-12-09	Time	20:23:19

EW-4005

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 210701H182
Cal. Factor	0.150694		
System Serial NO.	7ME611 069312U252		

Calibration Data

Full scale flow	2.7125	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	21.1	1.7080	6303.940	1.7099	0.12
2	63	21.6	1.7083	6305.290	1.7103	0.12
3	17	21.7	0.4700	1731.020	0.4695	-0.10
4	17	21.6	0.4703	1731.590	0.4697	-0.14
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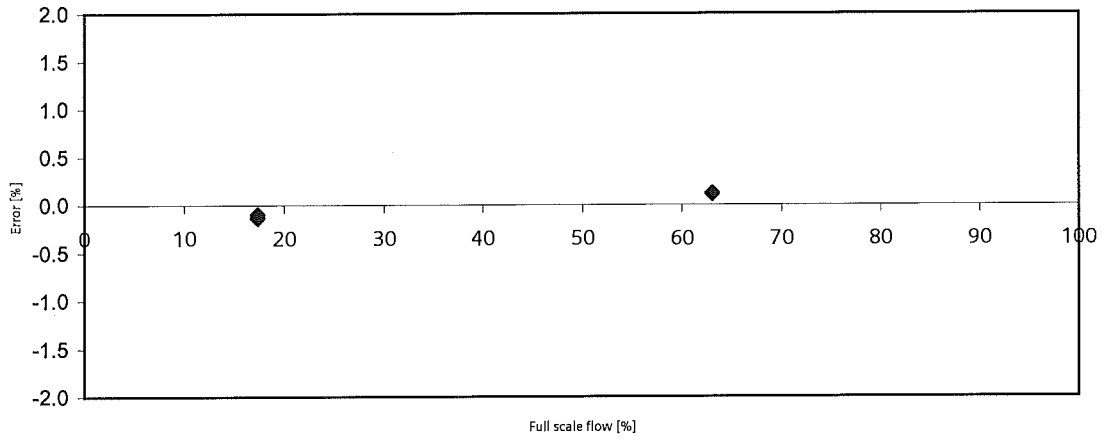

Calibrated by	RFR		
Date	2012-05-15	Time	09:51:04

4006

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 201401H162
Cal. Factor	0.149335		
System Serial NO.	7ME611 062312U232		

Calibration Data

Full scale flow	2.68804	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	64	20.9	1.7060	6359.680	1.7095	0.20
2	64	21.1	1.7056	6359.210	1.7094	0.22
3	17	21.2	0.4679	1736.950	0.4669	-0.22
4	17	21.0	0.4679	1737.180	0.4670	-0.21
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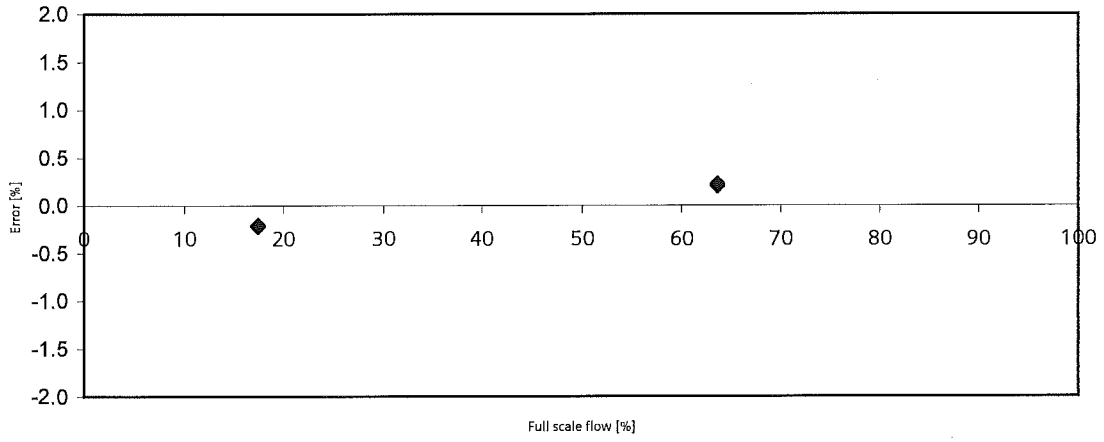

Calibrated by	RFR		
Date	2012-05-14	**Time**	09:28:08

EW4007 - Installed on 1/28/14 at 1500hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 200601H473
Cal. Factor	0.150768		
System Serial NO.	7ME611 143612U513		

Calibration Data

Full scale flow	0.75384	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	68	21.4	0.5107	6788.800	0.5118	0.20
2	62	21.4	0.4657	6187.140	0.4664	0.14
3	17	21.4	0.1313	1739.780	0.1312	-0.12
4	17	21.4	0.1313	1738.390	0.1310	-0.22
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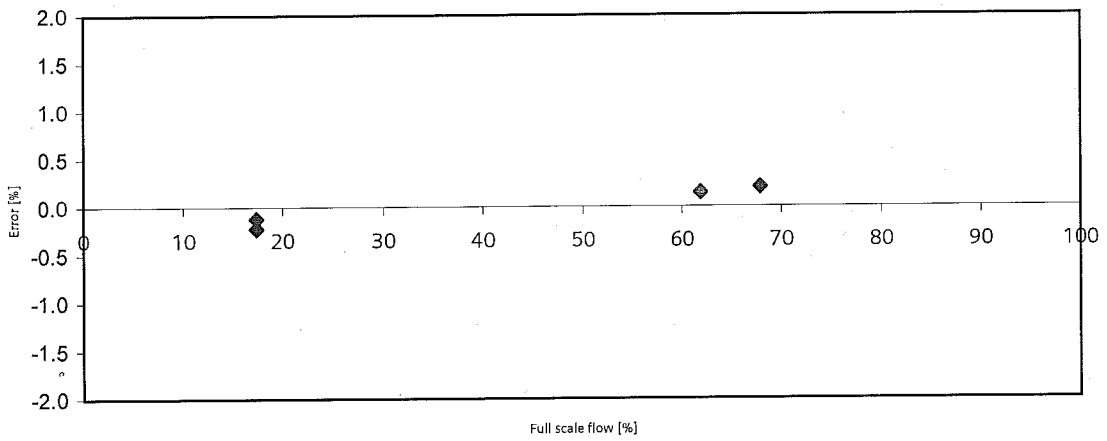

Calibrated by	RFR		
Date	2013-12-09	Time	10:14:36

4008

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 208201H182
Cal. Factor	0.15089		
System Serial NO.	7ME611 065712U252		

Calibration Data

Full scale flow	2.71601	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	22.6	1.7043	6286.090	1.7073	0.17
2	63	22.7	1.7052	6288.960	1.7081	0.17
3	17	22.7	0.4551	1672.480	0.4542	-0.19
4	18	22.8	0.4884	1795.310	0.4876	-0.16
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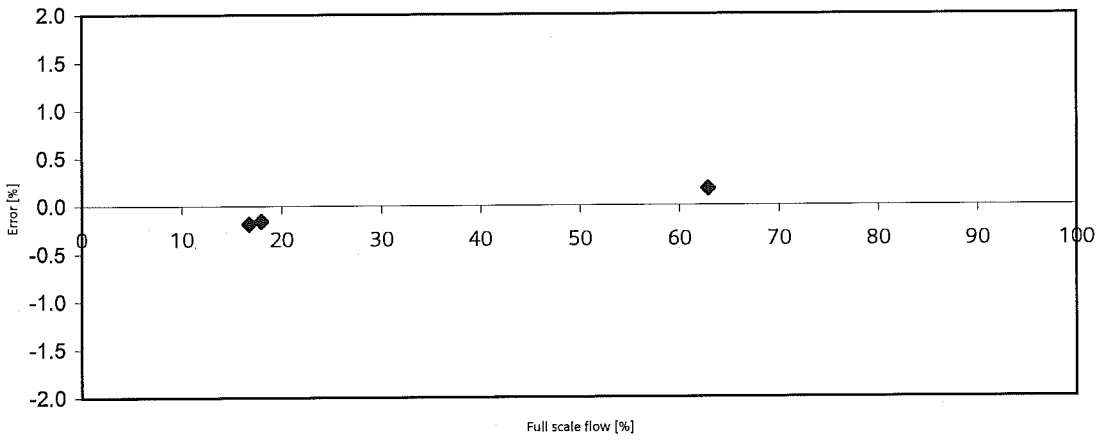
9						
10						



Calibrated by		VSC	
Date	2012-05-07	Time	10:42:24

EW-4009

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 211601H182
Cal. Factor	0.151698		
System Serial NO.	7ME611 068112U252		

Calibration Data

Full scale flow	2.73057	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	23.0	1.7119	6279.610	1.7147	0.16
2	63	23.1	1.7119	6280.650	1.7150	0.18
3	17	22.9	0.4754	1737.880	0.4745	-0.18
4	17	22.8	0.4754	1738.010	0.4746	-0.16
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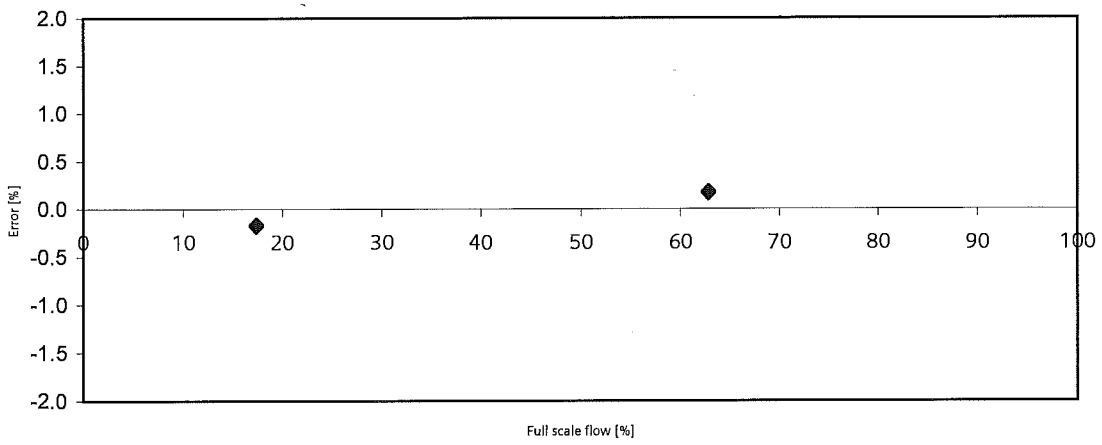

Calibrated by		RFR	
Date	2012-05-10	**Time**	10:54:59

EW4010 - Installed on 1/16/14 at 1530hrs

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 191301H453
Cal. Factor	0.156197		
System Serial NO.	7ME611 143512U513		

Calibration Data

Full scale flow	0.780984	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	65	22.7	0.5092	6529.730	0.5100	0.14
2	60	22.7	0.4670	5986.260	0.4675	0.10
3	17	22.7	0.1313	1679.690	0.1312	-0.11
4	17	22.8	0.1314	1680.160	0.1312	-0.13
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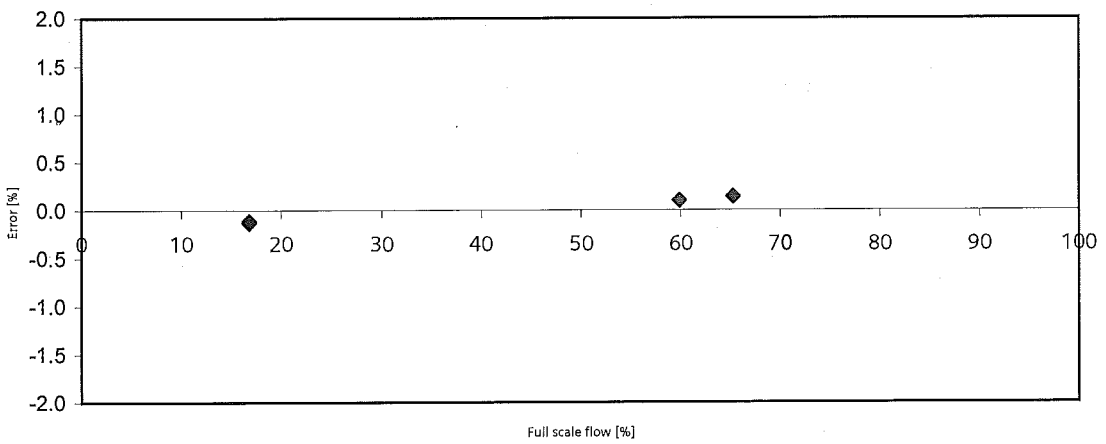

Calibrated by	NJA		
Date	2013-12-09	Time	17:28:18

EW-4011

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 213301H182
Cal. Factor	0.151649		
System Serial NO.	7ME611 066012U252		

Calibration Data

Full scale flow	2.72968	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	20.2	1.7042	6251.620	1.7065	0.13
2	62	20.5	1.7047	6249.970	1.7060	0.08
3	17	20.6	0.4742	1735.700	0.4738	-0.08
4	17	20.6	0.4745	1735.900	0.4738	-0.13
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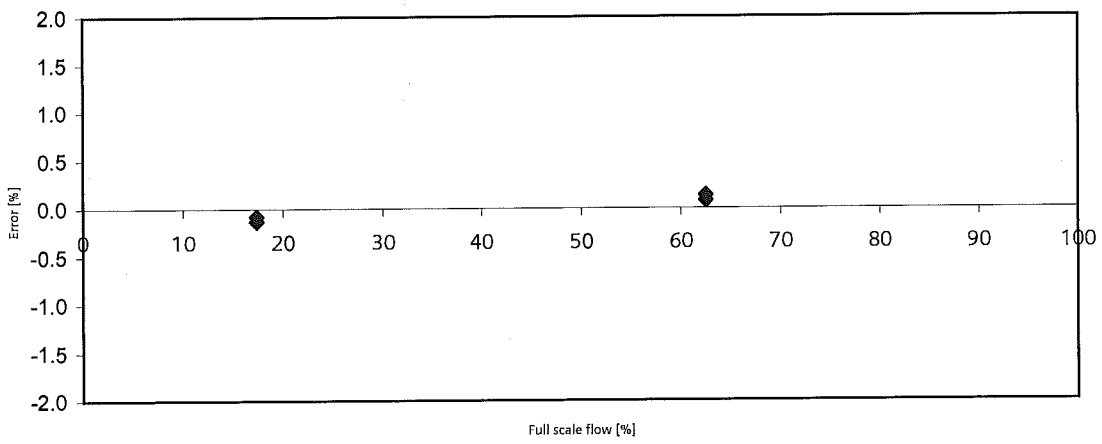

Calibrated by	RFR		
Date	2012-05-14	**Time**	08:00:16

EW-5001

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 210101H182
Cal. Factor	0.150721		
System Serial NO.	7ME611 069412U252		

Calibration Data

Full scale flow	2.71298	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	63	21.8	1.7112	6310.290	1.7120	0.04
2	63	22.2	1.7107	6306.130	1.7108	0.01
3	18	22.3	0.4788	1765.120	0.4789	0.01
4	18	22.1	0.4792	1765.070	0.4789	-0.06
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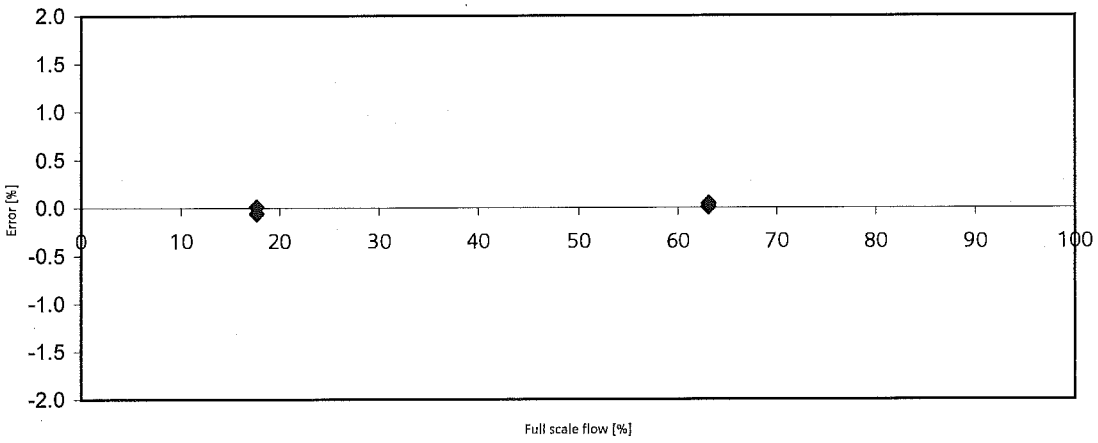

Calibrated by	RFR		
Date	2012-05-15	Time	13:26:04

EW-SC02

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG1100	**Serial No.**	7ME610 212801H182
Cal. Factor	0.16445		
System Serial NO.	7ME611 068012U252		

Calibration Data

Full scale flow	2.9601	L/S	**Calibration liquid**	Water
			Calibration rig	Banc HNU 5

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	58	24.8	1.7056	5774.210	1.7092	0.21
2	58	25.1	1.7053	5770.720	1.7082	0.17
3	16	25.2	0.4792	1615.780	0.4783	-0.19
4	16	25.1	0.4792	1615.810	0.4783	-0.19
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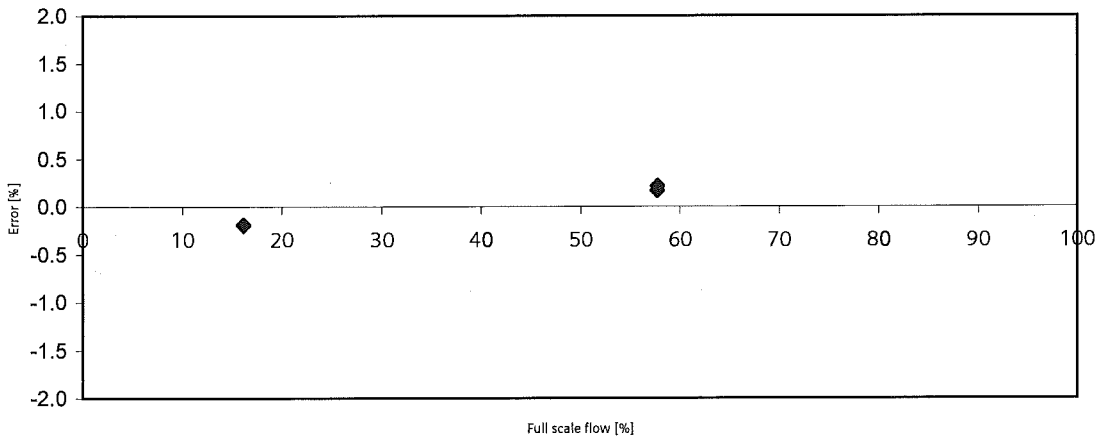

Calibrated by		RFR	
Date	2012-05-24	**Time**	13:52:21

FIT-7001

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer		Serial No.	
Converter type		Serial No.	7ME610 130401H112
Sensor type	MAG1100		
Cal. Factor	0.459548		
System Serial NO.	7ME611 056712U212		

Calibration Data

Full scale flow	2.29774	L/S	Calibration liquid	Water
			Calibration rig	Banc HNU 6

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	83	23.0	1.9029	8376.900	1.9018	-0.06
2	84	23.0	1.9327	8499.930	1.9301	-0.13
3	26	23.0	0.5938	2686.340	0.5943	0.07
4	26	23.0	0.5886	2664.890	0.5893	0.12
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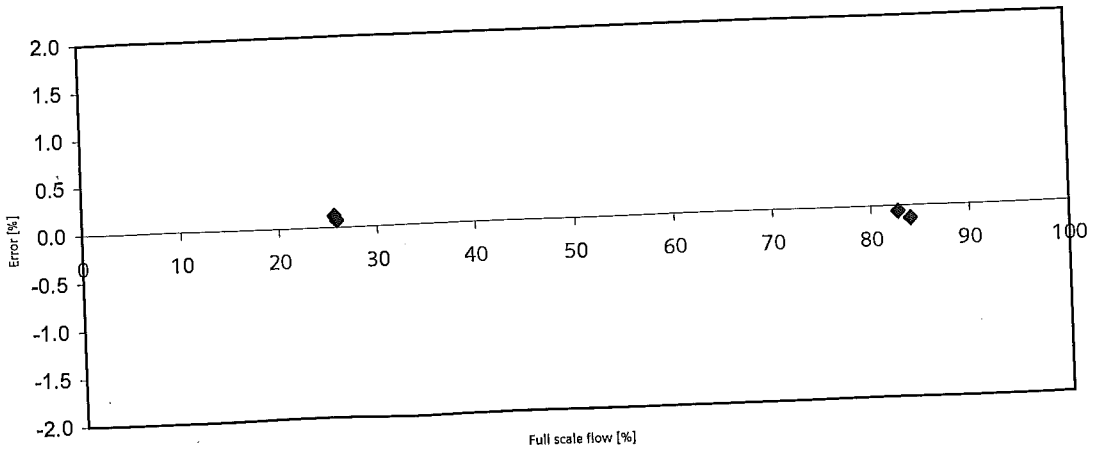

Calibrated by	VSC		
Date	2012-03-15	Time	11:14:12

FIT-7002

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type	MAG1100	Serial No.	7ME610 127701N091
Cal. Factor	2.11649		
System Serial NO.	7ME611 057012U212		

Calibration Data

Full scale flow	10.5825	L/S	Calibration liquid	Water
			Calibration rig	11972

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	94	27.0	9.9119	9366.250	9.9118	0.00
2	94	27.1	9.9133	9365.250	9.9108	-0.03
3	22	27.1	2.2999	2173.420	2.3000	0.01
4	22	27.1	2.2871	2161.650	2.2876	0.02
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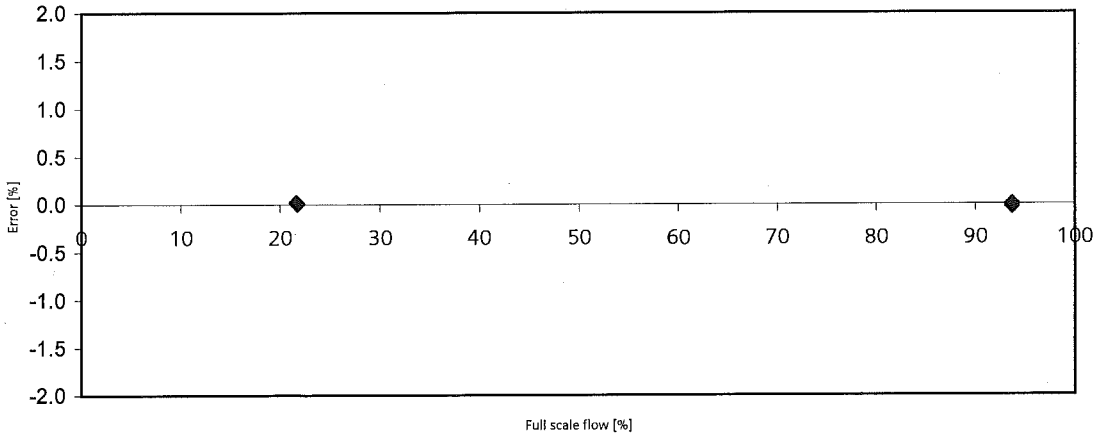

Calibrated by	HL		
Date	2011-03-04	Time	11:29:19

~~FT-100~~ M
FIT-110

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		**Serial No.**	
Sensor type	MAG5100W	**Serial No.**	7ME658 480701D022
Cal. Factor	2.16905		
System Serial NO.	7ME658 038701U192		

Calibration Data

Full scale flow	9.72222	L/S	**Calibration liquid**	Water
			Calibration rig	CN-RIG1

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	90	11.4	8.0681	8290.280	8.0600	-0.10
2	90	11.5	8.0655	8290.630	8.0603	-0.06
3	25	11.5	2.4152	2482.490	2.4135	-0.07
4	25	11.5	2.4257	2494.520	2.4252	-0.02
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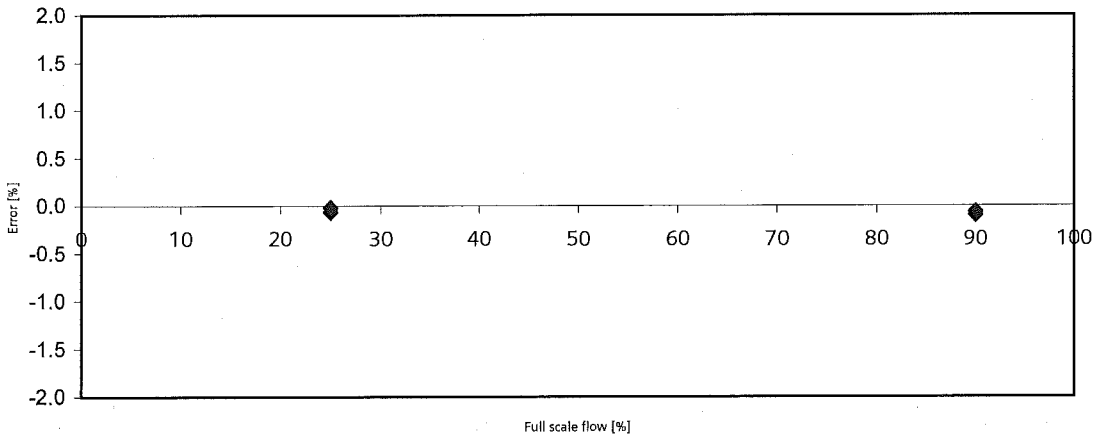

Calibrated by		zdm	
Date	2012-02-01	**Time**	11:27:59

FIT - 120

SIEMENS

CALIBRATION REPORT

SITRANS F M MAGFLO

Customer			
Converter type		Serial No.	
Sensor type		Serial No.	7ME658 118501D411
Cal. Factor	2.05932		
System Serial NO.	7ME658 048001U212		

Calibration Data

Full scale flow	9.72222	L/S	Calibration liquid	Water
			Calibration rig	RIG1

Calibration Settings

Frequency output	0-10000 Hz

Calibration Results

Test No.	Full scale flow	Water Temp	True Flow-Rate	Flowmeter Frequency output		
				Output	Flowrate	Error
	[%]	[°C]	L/S	[Hz]	L/S	[%]
1	90	24.0	8.1417	8363.440	8.1311	-0.13
2	90	24.1	8.1483	8383.700	8.1508	0.03
3	25	24.0	2.4535	2520.960	2.4509	-0.10
4	25	24.0	2.4353	2503.560	2.4340	-0.05
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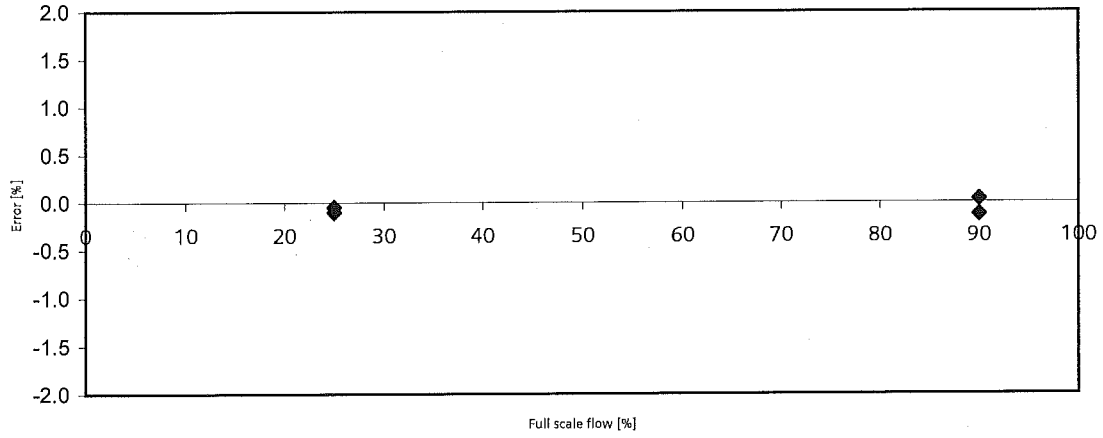

Calibrated by	hwl		
Date	2011-10-13	Time	18:51:47